AIPHONE ®

# IXG System

**Guard Station**

**IXG-MK**

# Operation Manual

**Software version 3.00 or later**



IXG-MK

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**❗ Important**

- Please read this document (Operation Manual) before use, and be sure to use it correctly.
- The illustrations used in this manual may differ from the actual ones.

# Literature information

The important information concerning correct operation and what you should observe is marked with the following symbols.

| | |
|---|---|
| ⚠ | Informs users of precautions (includes warnings and precautions). |
| 🚫 | Informs users of prohibited acts. |
| ❗ | Alerts the user to important instructions, prohibited matters, and matters to be aware of before operation. Please read and understand before proceeding. |
| 💡 | Indicates tips and additional information for operation. |

- Terms and button names displayed on the station and PC screens are indicated as **[XXXX]**.
- Page reference are shown as "Title (→ page XX)", (→ page XX), or page XX.
- In this manual, Video Door Stations and Door Stations without cameras are referred to collectively as "Audio Door Station."
- "Video Door Station" is used when describing the operation and explanation of Video Door Stations.
- The Intercom Apps are referred to as "Apps."

# Precautions

| ⚠ Warning | This symbol means that operating the device incorrectly ignoring these precautions may cause severe injury or death. |
|---|---|

**Do not disassemble or modify the station.**
This may result in fire or electrical shock.

**Keep the station away from liquid.**
This may result in fire or electrical shock.

**Keep the station away from flammable materials.**
If this happens, remove the LAN cable from the station. This may result in fire or electrical shock.

**If there is smoke, abnormal odor, abnormal sound, or if the station is damaged, immediately disconnect the LAN cable from the station.**
This may result in fire or electrical shock.

**Do not, under any circumstances, open the station.**
Voltage within some internal components may cause electrical shock.

| ⚠ Caution | Negligence could result in injury to people or damage to property. |
|---|---|

**Do not attempt to cover, insulate, or coat the station in any way.**
This may result in fire or malfunction.

**Do not install the station in a place subject to frequent vibration or impact.**
This may result in injury.

**Do not apply excess pressure to the LCD screen.**
If the screen is punctured it may result in injury.

**If the LCD is punctured, do not touch the liquid crystal inside.**
Inflammation could result.
  • If liquid crystal is ingested, immediately gargle with water and consult your doctor.
  • If contact should occur, flush or rinse area with water thoroughly and consult your doctor.

**Do not puncture the LCD screen with a sharp object.**
If the screen is punctured, it may result in injury.

**Do not put your ear close to the speaker when using the station.**
May cause harm to the ear if a sudden loud noise is emitted.

# Precautions on operation

| Requests |
| --- |

- This product cannot be directly connected to the communication lines (including public wireless LANs) of telecommunications companies (mobile communications carriers, fixed-line communications companies, and Internet providers, etc.). When connecting this product to the Internet, be sure to connect it through a router, etc.

- Keep the unit more than 1m (3.3') away from radio or TV set.

- Keep the station at least 20 cm (7-7/8") away from wireless devices such as wireless routers, or cordless telephones. These devices may cause the image or sound distortion.

- When making hands-free calls, talk within 30 cm (12") or less from the station. If you stand too far away, it may be difficult for the other person to hear the communication.

- Installing the device in the following locations could cause malfunction:

  - Locations under direct sunlight

  - Locations near heating equipment
    Close to a heater, boiler, etc.

  - Locations subject to liquid, iron filings, dust, oil, or chemicals

  - Locations subject to moisture and humidity extremes
    Bathroom, basement, greenhouse, etc.

  - Locations where the temperature is quite low
    Inside a cold storage warehouse, the front of a cooler, etc.

  - Locations subject to steam or oil smoke
    Next to heating devices or a cooking space, etc.

  - Sulphurous environments

  - Locations close to the sea or directly exposed to sea breeze

- When installing or using the station, give consideration to the privacy rights of subjects, as it is the responsibility of the system owner to post signs or warnings in accordance with local ordinances.

- In order to prevent sensitive information stored in the station from being lost or stolen, it is the customer's responsibility to delete settings, recorded video/audio, and other information stored in the station, when discarding, transferring, or returning the station. Refer to the relevant page of this document for information on how to clear information.

- As to other 3rd party devices (such as sensor, detectors, door releases) used with this system, comply with the Specifications and Warranty conditions that the manufacturers or venders present.

- Be sure to receive and store the setting file from the person who configured the system. If the setting file is lost, recovery may not be possible and creating a new setting file may be required.

- Do not install the station under direct sunlight. If it is necessary, shield the station from sunlight or the screen may be difficult to view.

## Notices

- Aiphone is not to be held responsible for any and all damages resulting from content or specifications of this product.

- Aiphone is not to be held responsible for any and all damages resulting from malfunctions, defects, or misuse of this product.

- This station cannot be used during power outages.

- If the station is used in areas where there are business-use wireless devices such as a transceiver or mobile phones, it may cause malfunction.

- This station is designed for indoor use only. Do not use at outdoor locations.

- This station is not meant to protect lives or property. Aiphone is not to be held responsible for any and all resulting serious accidents, disaster accidents, or physical damage.

- It must be noted in advance that the LCD panel inevitably will have a very small portion of its picture elements always lit or not lit it at all. This is not considered a station malfunction.

- The handset and the station may become slightly warm. However, this is not a malfunction.

- Hands-free calls are a method of automatically switching between the transmitter and receiver so that the louder of the two is prioritized, making it audible by the quieter of the two. If the surrounding area is loud, the call may be interrupted, making it difficult to respond.

- During communication, the voice may not come through clearly when speaking before the other party has finished talking. Communication will proceed smoothly when waiting until the other party has finished before speaking.

- The noise reduction function may determine that certain tones are noise and cut transmission of those tones. This is not a malfunction.

- Warm-color lighting shining on the door station may change the tint of the image on the screen.

- If light enters the camera, the brightness of the LCD could flicker, while the subject of the camera could become darker due to the backlight. This is not a malfunction.

- The background or colors could differ from the actual image if a striped pattern or other fine pattern is displayed. This is not a malfunction.

- If light from an LED light, fluorescent light, etc., enters the camera on the Video Door Station or other product, black stripes could appear on the LCD, the screen could flicker, or the colors could change. This is not a malfunction.

- When outside temperature lowers sharply after rainfall, etc., the inside of the camera may fog up slightly, causing a blurry images, but this is not a malfunction. Normal operation will be restored when moisture evaporates.

- Aiphone assumes no responsibility for corruption of saved information (such as changes to or deletion of saved information). Be aware of this in advance.

- Station maybe unoperatable while updating the system settings.

- If communication becomes congested or calls are made from multiple Video Door Stations in the system, the audio could drop, become delayed, or otherwise not operate normally.

- Aiphone assume no responsibility for damages as a result of delayed or unusable services, which were due to failures in network equipment, communication services by Internet and cellular phone companies, line interruptions, communication failures, or inaccuracies or omissions in transmission unit.

- Aiphone is not to be held responsible for any damages resulting from the information being leaked or tampered with or due to interception, unauthorized access, or other reasons along the communication path.

- Available functions and services are limited according to the specifications of the installed system.

- Using a fluorescent light could periodically alter the color of the screen (color rolling). This is not a malfunction.

- If there is no power for 30 minutes or more, the date and time return to default.

- The system includes devices such as PoE hubs which use components that have a finite lifespan. Components with a finite lifespan must be replaced at regular intervals. Components will be replaced for a fee.

- If the calling destination is located in an environment prone to echoing, your voice and ambient noise may echo and be heard on the station during a call. This can be improved by adjusting the microphone volume on this station or the receive volume on the other station.

**About Network Security**

This system is used while connected to a network, and so may be exposed to the following risks:

• Data breach or leakage via the system

• Illicit operation, impairment, or stoppage of the system by a malicious third party

To prevent these security risks, you must implement, at your own responsibility, network security measures, such as the following:

• The system should be used on a network secured by a firewall or the like.

• When using the unit on a system along with computers and similar devices, make sure that these are protected against computer viruses, illicit programs, and the like.

• To prevent network breaches of video or audio data, authentication data (users names and passwords), notification email data, and the like, implement measures such as restricting access by means of user authentication.

• Store authentication data (user names and passwords) carefully and out of sight from third parties.

• Do not install the system or cables in such a way that they can be easily removed or destroyed.

# Table of contents

## 4    Settings and Adjustments

## 5   Other

# Part Names

## Guard Station IXG-MK
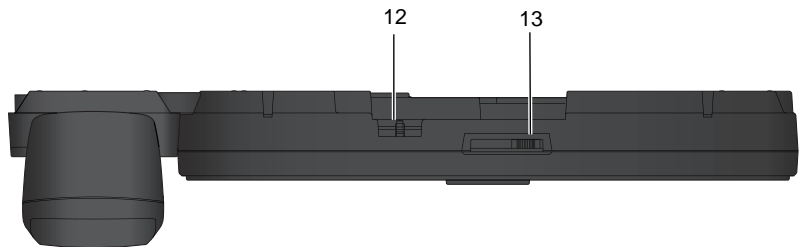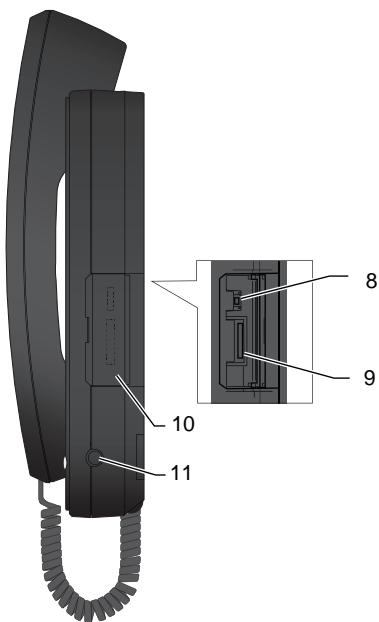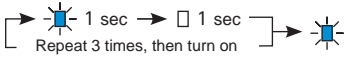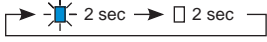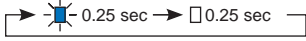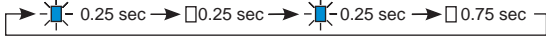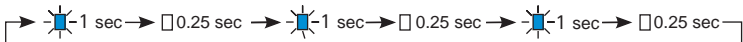


| Right Side | | Top |

| No. | Name & description |
|---|---|
| 1 | Handset |
| 2 | Touchscreen LCD<br>Remove the protective film before use. |
| 3 | Camera<br>Displays video to the other party during a call. |
| 4 | Status indicator (Orange/Blue)<br>Shows the status of this station. (→page 12) |
| 5 | Microphone<br>Do not attach any stickers, tape, etc. This may distort or block communication. |
| 6 | Home button<br>Press this to display the Home screen. Pressing this while the Home screen is displayed will switch the station into standby mode. (→page 15) |
| 7 | Speaker |
| 8 | Reset button<br>To be used by personnel only. Do not press. |
| 9 | microSD card slot<br>Used for inserting or removing a microSD card (sold separately). (→page 25) |
| 10 | microSD card slot cover |
| 11 | 3.5 mm 4-pole stereo mini jack (CTIA standard)<br>Used to connect a 3rd party headset. (→page 23) |
| 12 | Camera angle adjustment lever<br>Used to adjust the angle of the camera vertically. (→page 14) |
| 13 | Camera privacy cover lever<br>Used to hide the camera. |

# Status Indicators
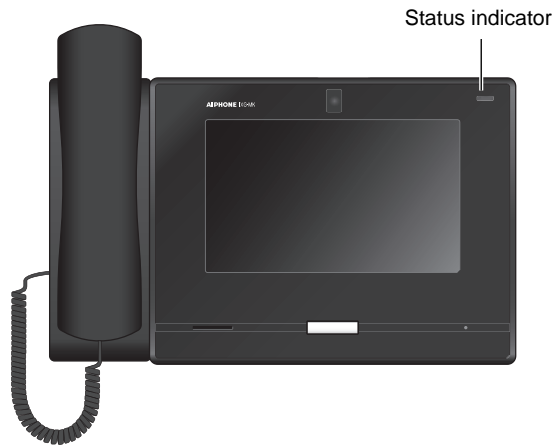


Status indicator

: On,  □ : Off

| Name | Status (pattern) | | Description |
|---|---|---|---|
| Status indicator | Orange light | | Setting transfer |
| | Orange flashing | Normal flashing<br><br>0.75 sec → □ 0.75 sec | Booting |
| | | Fast flashing<br><br>0.25 sec → □ 0.25 sec | Device error<br>Startup error |
| | | Flashing with long OFF time<br><br>0.5 sec → □ 4 sec | Communication failure |
| | | Flashing with long initial light<br><br>1 sec → □ 0.25 sec → 0.25 sec → □ 0.25 sec → 0.25 sec → □ 0.25 sec | Firmware version updating |
| | | Flashing with long initial light<br><br>1 sec → □ 0.25 sec → 0.25 sec → □ 0.25 sec | Initializing |

| Name | Status (pattern) | | Description |
|---|---|---|---|
| Status indicator | Blue light | 🔆 | Standby (Depends on setting) |
| | Blue flashing | Slow flashing (if lighting during standby)<br><br>🔆 1 sec → ☐ 1 sec → 🔆<br>Repeat 3 times, then turn on | Calling destination busy |
| | | Slow flashing<br><br>🔆 2 sec → ☐ 2 sec | Incoming page |
| | | Fast flashing<br><br>🔆 0.25 sec → ☐ 0.25 sec | Outgoing call<br>Outgoing page<br>Monitoring |
| | | Fast flashing<br><br>🔆 0.25 sec → ☐ 0.25 sec → 🔆 0.25 sec → ☐ 0.75 sec | Incoming call |
| | | Slightly fast flashing<br><br>🔆 0.5 sec → ☐ 0.5 sec | Missed call<br>Door release[*1] |
| | | Flashing with long lighting<br><br>🔆 1 sec → ☐ 0.25 sec → 🔆 1 sec → ☐ 0.25 sec → 🔆 1 sec → ☐ 0.25 sec | Receiving an event notification from a network camera |

*1    This flashes when the door release contact is triggered.
      If the door release timeout is set to 3 seconds or less, it will flash at a 3 second interval.

# Camera View Range and Mounting Position

## Camera view adjustment

The camera angle can be adjusted downward (0 to -20 degrees) using the camera angle adjustment lever. Set the angle to the optimal position.

Rear

Camera angle adjustment lever

-20°

0°
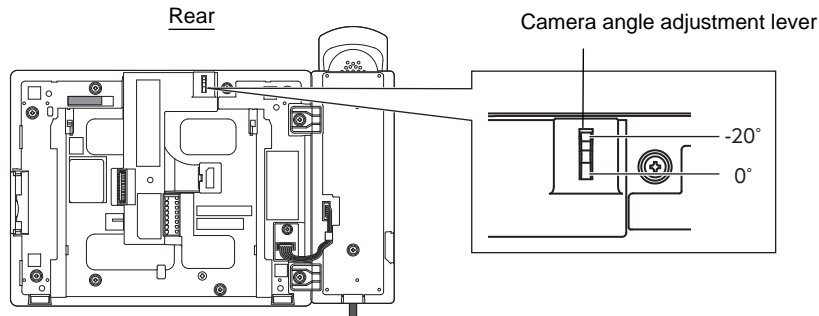
## Camera view range

The camera range as illustrated is only an approximate indication and may vary according to the environment.

• Example: Installed on table

Installed on a flat desktop (with desktop stand at 45°, camera angle at the lowest position (-20°))

Vertical

Horizontal

500mm(1' 7")

1,300mm(4' 3")

400mm(1' 4")

900mm(2' 11")

height of desk

700mm(2' 3")

500mm(1' 7")

460mm(1' 6")
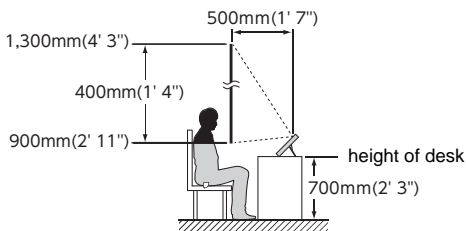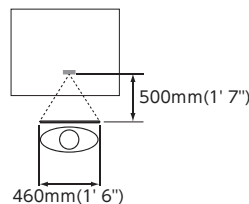
• Example: installed as a reception station

Installed on a flat desktop (with desktop stand at 30°, camera angle at the lowest position (-20°))

Vertical

500mm(1' 7")

1,850 mm(6'1")

600 mm(1'12")

1,250 mm(4'1")

height of desk

950mm(3'1")
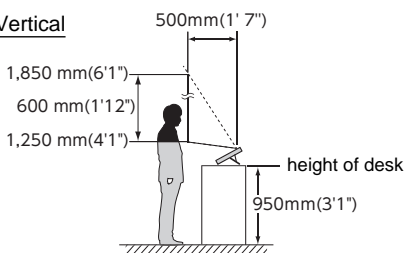
• Example: Installed on a wall

Vertical

Horizontal

Camera angle 0°

Camera angle -20°

1,750mm(5' 9")

350mm(1' 2")

1,400mm(4' 7")

500 mm (1' 7")

A*1

B*2

1,550mm (5' 1")

350mm(1' 2")

1,200mm (3' 11")

500 mm (1' 7")

A*1

B*2

500mm(1' 7")

460mm(1' 6")
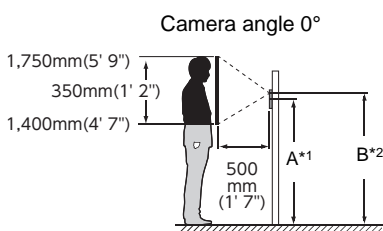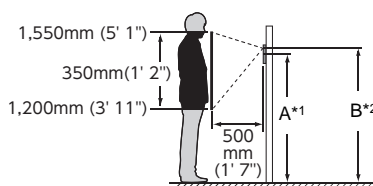
*1 A: Center of device 1,500mm (4' 11")　　*2 B: Camera position 1575.5mm (5' 2")

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# User Interface

When the LCD display is OFF, the device is in standby mode. If the station is inactive for approximately one minute or if the **[HOME]** button is pressed while the display is active, the station will enter standby mode.

> 💡 **Note**
>
> Screen display varies depends on the settings.

## Home Screen

Tap the LCD display when the station is in standby mode or press the **[HOME]** button to display the Home Screen. Two types of Home Screens are available. This can be changed in Settings.

**Home Screen 1**



**Home Screen 2**



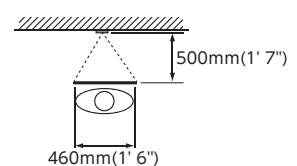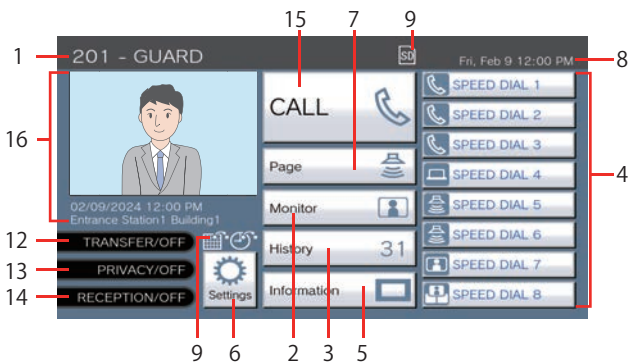| No. | Name | Description |
|-----|------|-------------|
| 1 | Unit Information | Displays Unit Number and Name. |
| 2 | Monitor | Tap to monitor the specified station (→page 45 to page 47). |
| 3 | History | Tap to check Incoming Calls, Outgoing Calls, Missed Calls, and Recordings.(→page 30) |
| 4 | Favorites | Tap to display the speed dial buttons. (→page 48) |
| 5 | Information | Tap to confirm the Station Information and Network Information. (→page 68)) |
| 6 | Settings | Tap to configure settings. (→page 72) |
| 7 | Page | Tap to send a page (broadcast). (→page 38 ~ page 42) |
| 8 | Date and time | Indicates the current date, day of the week, and time. |
| 9 | Various icons | • 🖼️ : This is displayed while schedule transfer is configured. <br> • ⏱️ : This is displayed while delay transfer is configured. <br> • SD : This is displayed when a microSD card is inserted. Tap it to remove. |
| 10 | DIAL | Tap to enter a unit number or station number using the keypad and place a call. (→page 27) |
| 11 | ADDRESS BOOK | Tap to display a list of stations to call. (→page 28) |
| 12 | TRANSFER ON/TRANSFER OFF | Tap to turn absent transfer ON/OFF. |
| 13 | PRIVACY ON / PRIVACY OFF | Tap this to turn the privacy function ON/OFF. (The privacy function turns the microphone and image from this station off when a call is answered with Auto Answer, so that audio and video are not sent to the other party.) |

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| No. | Name | Description |
|-----|------|-------------|
| 14 | RECEPTION ON / RECEPTION OFF | Tap to turn the Reception function ON/OFF. (Reception function: temporarily receives calls to residential units or tenants from the Video Entrance Station and announces the call to the resident after communicating with the visitor.) |
| 15 | CALL | Tap this icon to place a call using the address book. (→page 28) |
| 16 | Missed Incoming Call History | Shows the recent missed incoming call history and recorded videos. If no videos have been recorded, the recorded video image will not be displayed. |

## Incoming Call Screen

**When receiving a call from a video station**



**When receiving a call from an audio station**



| No. | Name | Description |
|---|---|---|
| 1 | Priority | Indicates the priority level of the incoming call and page.<br>■ : Urgent, ■ : Priority, ■ : Normal |
| 2 | Settings | The following items can be adjusted. (→page 62)<br>• [icon]: Zoom lock<br>• [icon]: Backlight compensation and nighttime sensitivity correction for video<br>• [icon]: Screen brightness<br>• [icon]: Receive volume<br>• [icon]: Mic volume<br>• [icon]: Ringtone |
| 3 | Number of incoming calls and priority | Shows the number of incoming calls and the priority. Tap to display the calling stations in a list and select a station to answer. (→page 60)<br>[icon]: Urgent, [icon]: Priority, [icon]: Normal |
| 4 | Keypad | Shows the keypad. Release the electrical lock (→page 57) and play communication audio messages(→page 70) with keypad input. |
| 5 | Door release | Unlock the door. (→page 57) |
| 6 | Primary video display area | Shows video from the originating station or associated network camera. Depending on the settings, you can select which video to display. |
| 7 | Secondary video display area | Displays if a network camera is associated with the calling station, and the station has a camera. A different video will be displayed from what is displayed in the primary video display area.<br>Tapping the screen switches between the primary video display area and the secondary video display area. |
| 8 | Calling station | Shows information about the originating station. If a network camera is associated with the calling station, the name of the network camera is also displayed. (The text may not appear correctly depending on the setting language.) If the text does not appear correctly, tap [icon] to scroll the display.<br>**PBX** is displayed when communicating through an IP-PBX. |
| 9 | Time | Indicates the current time. |

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| No. | Name | Description |
|-----|------|-------------|
| 10 | Screen control icon | Tap these to change the visible display area of the screen. This cannot be done if the icon is not displayed. (→page 62) |
|  |  | ▲ : Move the screen up. |
|  |  | ▼ : Move the screen down. |
|  |  | ◀ : Move the screen left. |
|  |  | ▶ : Move the screen right. |
|  |  | ⊕ : Zoom in on the screen. |
|  |  | ⊖ : Zoom out on the screen. |
|  |  | 📌 : Return the display area of the screen to the preset position. |
| 11 | Talk | Tap to begin communication. |
| 12 | Record | Tap this to begin record video/audio. (→page 61) |
| 13 | End | Tap this to end communication. |

• Pressing any part of the screen other than an icon while video is displayed from the camera will hide the icons for a certain period of time. Tap the screen again to display the icons.

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## Communication Screen

**When receiving a call from a video station**          **When receiving a call from an audio station**



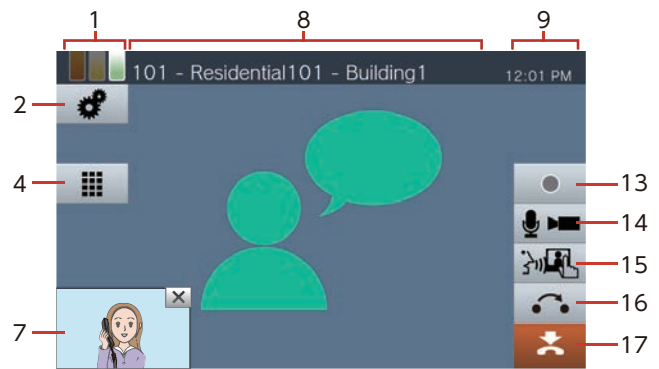| No. | Name | Description |
|---|---|---|
| 1 | Priority | Indicates the priority level of the current call.<br>█: Urgent, █: Priority, █: Normal |
| 2 | Settings | The following items can be adjusted. (→page 62)<br>• ▦: Zoom lock<br>• ⚙: Backlight compensation and nighttime sensitivity correction for video<br>• ☀: Screen brightness<br>• 🔊: Receive volume<br>• 🎤: Mic volume<br>• 🔔: Ringtone |
| 3 | Number of incoming calls and priority | Shows the number of incoming calls and priority. Tap to display the calling stations in a list and select a station to answer. (→page 60)<br>🔔: Urgent, 🔔: Priority, 🔔: Normal |
| 4 | Keypad | Shows the keypad. Release the electrical lock(→page 57) and play communication audio messages(→page 70) with keypad input. |
| 5 | Unlock | Unlock the door. (→page 57) |
| 6 | Primary video display area | Shows video from the calling station or associated network camera. |
| 7 | Secondary video display area | Displays if a network camera is associated with the other station, and the station has a camera. If the calling station is a Guard Station, Master Station, or PC Intercom App and there is not an associated network camera, then the video from your station's camera is displayed. A different video will be displayed from what is displayed in the primary video display area. |
| 8 | Calling Station | Shows information about the calling station. If a network camera is associated with the calling station, the name of the network camera is also displayed. (The text may not appear correctly depending on the setting language.) If the text does not appear correctly, tap ⟫ to scroll the display.<br>PBX is displayed when communicating through an IP-PBX. |
| 9 | Time | Indicates the current time. |

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| No. | Name | Description |
|-----|------|-------------|
| 10 | Screen control icon | Tap these to change the visible display area of the screen. This cannot be done if the icon is not displayed. (→page 62)<br><br>▲ : Move the screen up.<br><br>▼ : Move the screen down.<br><br>◀ : Move the screen left.<br><br>▶ : Move the screen right.<br><br>⊕ : Zoom in on the screen.<br><br>⊖ : Zoom out on the screen.<br><br>📌 : Return the display area of the screen to the preset position. |
| 11 | Extend | Tap this to extend the call duration for approximately 10 minutes. |
| 12 | Hands free | Tap this to switch between a handset call and a hands-free call. |
| 13 | Record | Tap this to begin record video/audio. (→page 61) |
| 14 | Mute mode | Tap this to turn the microphone and camera image from this station off when a call is answered with Auto Answer, so that audio and video are not sent to the other person. |
| 15 | Touch-to-talk | Tap this to switch to a touch-to-talk call. (→page 23) |
| 16 | On hold | Tap this to put the call on hold. (→page 59) |
| 17 | End | Tap this to end communication. |

• Pressing any part of the screen other than an icon while video displayed from the camera will hide the icons for a certain period of time. Tap the screen again to display the icons.

# Entering Text

Use this to search in the Address Book.
Example: Address book search screen
Alphabet input mode
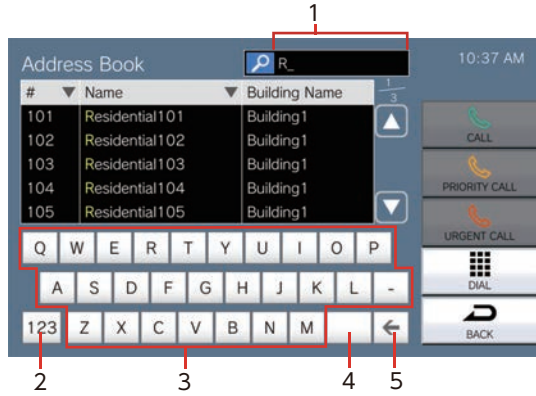


| No. | Name | Description |
|---|---|---|
| 1 | Text field | This shows entered text. |
| 2 | Input mode | Input mode changes from "Alphabet" to "Numerals" and "Symbols" each time it is tapped. Input modes vary depending on the Search screen. |
| 3 | Characters | Tap to enter a character. |
| 4 | Space | Tap to insert a (blank) space. |
| 5 | Backspace | Tap to delete the previous character. |

Numeral/symbol input mode
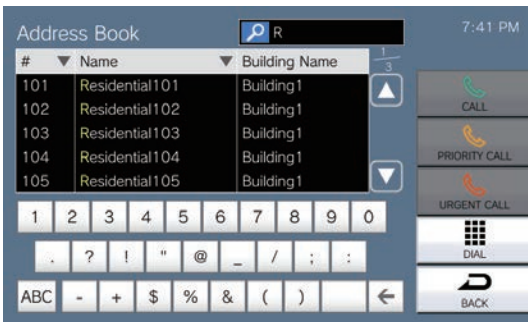
# Answering a call

## Answering a call with the handset

*1.* Lift the handset when receiving a call.
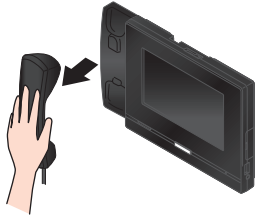


*2.* Speak with the other party.



*3.* When the communication ends, hang up handset.
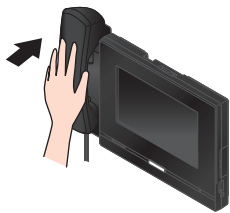


**Note**

- If the calling destination is located in an environment prone to echoing, your voice and ambient noise may echo and be heard on the station during a call. This can be improved by adjusting the microphone volume on this station or the receive volume on the other station.

## Receiving a call with hands-free

*1.* When receiving a call, tap 🔊.

*2.* Speak with the other party.
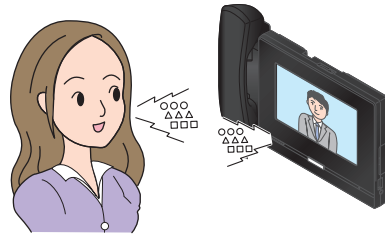


*3.* When the communication ends, tap ☎.

**Note**

- Lifting the handset during a hands-free call will switch the call to the handset.
- It may be difficult to listen or talk hands-free when the ambient noise is loud. Talk using the handset or touch-to-talk. (→page 23)
- If the calling destination is located in an environment prone to echoing, your voice and ambient noise may echo and be heard on the station during a call. This can be improved by adjusting the microphone volume on this station or the receive volume on the other station.

## Communicate using touch-to-talk

This station prioritizes the louder side of a conversation so that the quieter side can be heard.
Touch-to-talk manually switches between the sides. It is useful when the ambient noise is loud enough to interrupt audio.

*1.* Tap 📲 or **[HOME]** button during communication.

• If 📲 is not displayed, proceed to the next step.

*2.* Tap 📞 to switch to 📞 and start speaking.
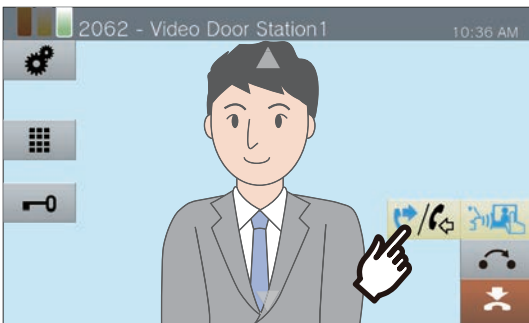


• The other party's audio cannot be heard.

*3.* To hear the voice of the other party, tap 📞 to switch to 📞 .

• The other party cannot hear this station's audio.

> 💡 **Note**
>
> • Touch-to-talk can also be used during a handset or hands-free call.
> • During touch-to talk, you can answer the call by holding down the **[HOME]** button and releasing it.
> • To stop touch-to-talk, tap 📲 .

## Using the headset

A 3rd party headset can be connected to the 3.5 mm 4-pole stereo mini jack on this station. When using the headset, the microphone and the speaker on the station cannot be used. The system administrator will need to configure the device to use a headset.

*1.* When receiving a call, tap 🎧 .

*2.* Speak with the other party.
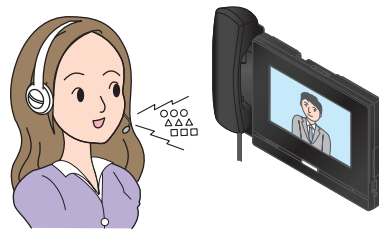


*3.* When the communication ends, tap ☎ .

> 💡 **Note**
>
> • Picking up the handset while on a call using a headset will switch the call to the handset.

# Setting the date and time

The date and time are used for video/audio recording and the incoming/outgoing call history, so be sure to set them correctly. The date and time do not need to be configured if they are acquired from an NTP server.
Default value: 2020/01/01 09:00

## *1.* Tap **[Settings]** on the Home screen.

## *2.* Tap **[User]**.

## *3.* Tap **[Station]**.

## *4.* Tap **[Date and Time]**.

## *5.* Set **[DATE]** and **[TIME]**.

• Set the time zone before configuring the date and time.
• When Daylight Saving Time is set to "Yes," the Daylight Saving Time is automatically adjusted to match the region set in the "Time Zone."

## *6.* Tap **[BACK]**.

• The configured date and time will be applied to this station.

### Note

• A maximum of 1 minute time gain/loss can occur in the displayed time over a month. It is recommended to correct the time periodically.

• If the power is turned off for at least 30 minutes in an event such as a power outage, the date and time return to default. If this occurs, configure the date and time again.

• If the station is inactive for approximately one minute, the station will return to the Home Screen.

• If the date and time are changed, it may take some time for the setting to be updated.

# About microSD card

## microSD cards that can be used with this station (sold separately)

Choose a microSD card using the recommended specifications below (these are referred to collectively as "microSD cards").

| Standard | Supported storage capacity | Format | Speed class |
|---|---|---|---|
| microSDHC memory cards | 4 GB to 32 GB | FAT32 | SD speed class 10 |
| microSDXC memory cards | 64 GB to 128 GB | exFAT | UHS speed class 1 |

### ❗ Important

- A microSD card is not included with this station. Please purchase a supported microSD card. Select a microSD card which is suited to the usage environment such as the temperature.
- Some microSD cards may not operate properly.
- If the card contains data other than video/audio files, it may not have enough space to record video/audio recordings.
- The network camera may not be able to record video, depending on the size of the video.
- Recording files cannot be protected with microSDXC memory card .

### 💡 Note

- A maximum of 999 video/audio files can be saved. However, this may vary depending on the size of the video/audio files and the capacity of the microSD card.
- Use a microSD card that has been formatted on a PC or the like.
- The microSD card has a limited life. Replace the microSD card regularly is recommended. Contact with the microSD card manufacturer for a guideline for when to replace the microSD card.
- Aiphone is not to be held responsible in any way for microSD cards.

# Inserting/Removing microSD Cards

## Inserting the microSD card

**1.** Press the Home button or tap the standby screen to display the Home Screen.

**2.** Open the microSD card slot cover.

**3.** Insert the microSD card straight into the slot and close the cover.
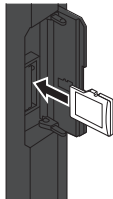
- [SD] will be displayed on the screen once the microSD card is recognized (mounted), and the microSD card will be available to use.
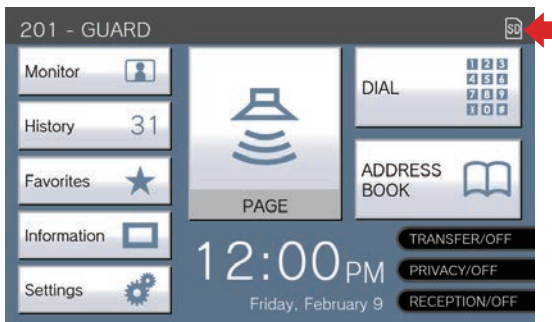
[SD] will not be displayed if the microSD card is not recognized.

## Removing the microSD card

**1.** Tap [SD].
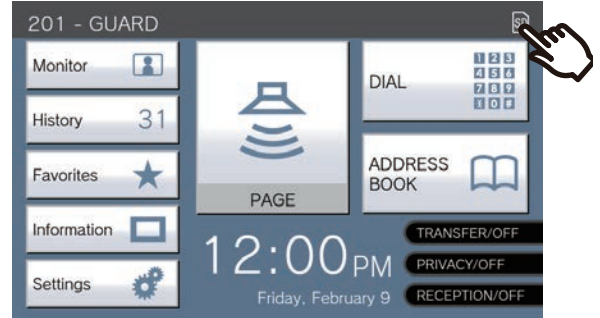
**2.** Tap **[Yes]**.

- [SD] disappears from the screen when the microSD card has been removed.

**3.** Once [SD] disappears from the Home Screen, open the microSD card slot cover, and push the microSD card to remove it.
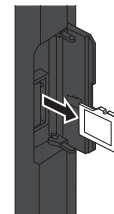
| ⚠ **Important** |
|---|
| • Insert or remove the microSD card only when the station is not receiving a call. Calls and other similar operations cannot be performed while the microSD card is mounted.<br><br>• Removing the microSD card before [SD] disappears could cause data corruption. |

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# Selecting / Choosing / Calling by Number

When calling, specify the unit or station using unit numbers or station numbers.
The following are to be specified with unit numbers.
• Residential Unit
• Commercial Unit
• Other Guard Unit
• Other Inside Area
• Mobile Apps and phones that are registered to the same Guard Unit.
The following are to be specified with station numbers.
• Other Guard Station or Handset Sub Station that is registered in the same Guard Unit.
• Other Guard Station, Master Station, PC Intercom App, or Handset Sub Station that is registered in the same Inside Area.

## 1. Tap [DIAL] on Home Screen 1.



## 2. Enter the unit number or station number using the keypad.

• If specifying units or stations in other buildings, tap **[SELECT BUILDING]** first, and select a building.
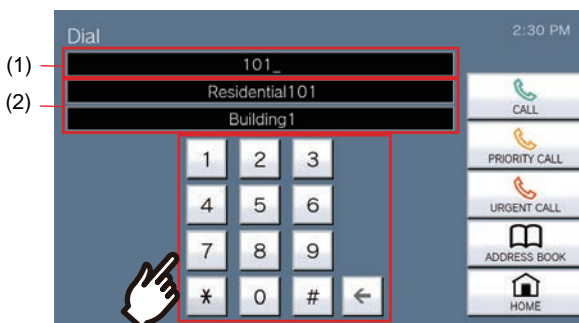


(1)   The entered number will be displayed.
(2)   The unit name or station name and building name will be displayed for the number that was entered.
• If specifying the Mobile Apps and phones that are registered in the same Guard Unit, enter the unit number of the unit.

• Specify the unit or station from the Address Book by tapping **[ADDRESS BOOK]**.

---

💡 **Note**

• To call a specified unit or station
  –

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# Specify a station or unit using the address book.

When calling, specify a unit or station registered in the Address Book from the list.
The following are displayed in the Address Book.
- Residential Unit
- Commercial Unit
- Other Guard Units
- Other Inside Areas
- Mobile Apps and phones that are registered in the same Guard Unit.
- Other Guard Station or Handset Sub Station that is registered in the same Guard Unit.
- Other Guard Station, Master Station, PC Intercom App, or Handset Sub Station that is registered in the same Inside Area.

**1.** Tap **[ADDRESS BOOK]** on Home Screen 1 or **[CALL]** on Home Screen 2.

Home Screen 1



Or

Home Screen 2



**2.** Tap the unit or station to call.

- If specifying units or stations in other buildings, tap **[SELECT BUILDING]** first, and select a building.
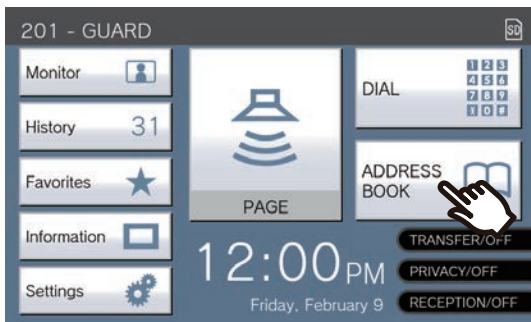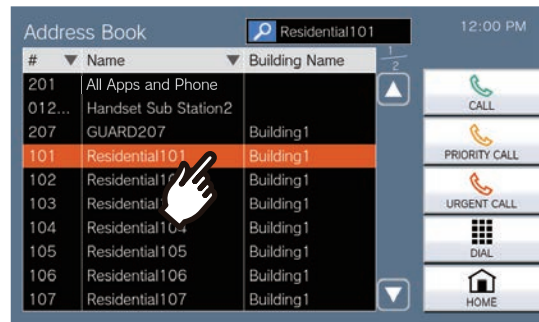


- You can specify the unit and station number by tapping **[DIAL]**.(→page 27)
- Refer to (→page 29) to search for units and stations.

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# Searching for stations

Enter characters to search and specify units, areas, stations, etc.
<Example: Making an outgoing call>

**1.** Tap 🔍.
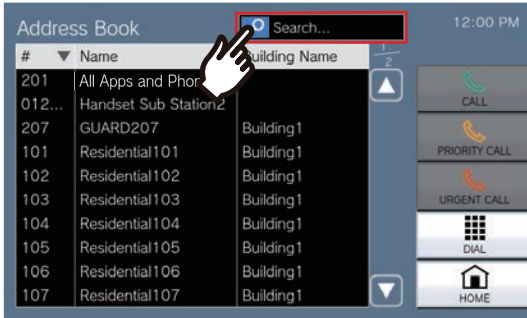


**2.** Enter the name or number of the unit or station to search.
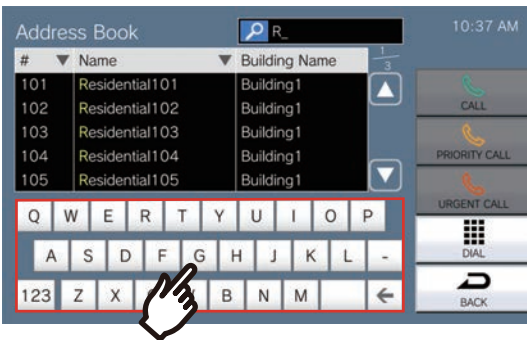


• Refer to for information on how to enter characters.

**3.** Tap the unit or station to call.

---

💡 **Note**

• To call a specified unit or station.

–

–

–

• To monitor the specified station, refer to

–

• To transfer a call to the specified station, refer to

–

# Reviewing Call History

Incoming/outgoing/missed call history and the history of recordings can be viewed. Monitoring is not logged in the call history.
Up to 500 incoming/outgoing call records (including missed call records) can be saved. New records will be saved over the oldest records if the number of records exceeds 500.

### *1.* Tap **[History]** on the Home Screen.

### *2.* Select the type of the history and tap the button.
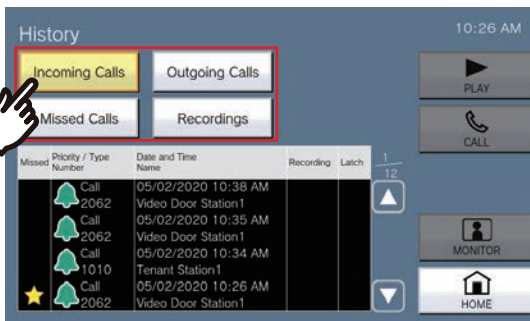


**[Incoming Calls]**
Tap to display the history of incoming calls and pages.
**[Outgoing Calls]**
Tap to display the history of outgoing calls and pages.
**[Missed Calls]**
The history of received calls which are not answered is displayed.
If another station answers, the history will be displayed in **[Incoming Calls]**.
**[Recordings]**
Press this to display the history of video/audio recording during incoming calls, communication, and monitoring.

### *3.* Use ▲ or ▼ to view the history.

• Refer to for viewing the history screen.

### *4.* Place a call using the history.

• Refer to for viewing the history screen.

> 💡 **Note**
>
> • The buttons displayed on the screen will vary depending on the selected history type.

# History Screen

**Outgoing call history screen**
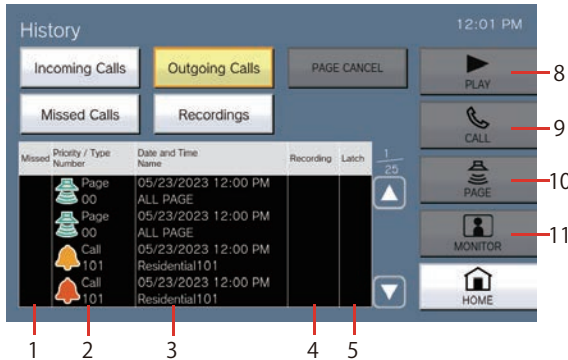
**Recording history screen**

| No. | Name | Description |
|---|---|---|
| 1 | Missed | ⭐ : Displays for unanswered calls in the history.<br>It is not displayed if the other station answered. |
| 2 | Priority/Type<br>Station Information and Unit Number | 🔔 : This is displayed for calls in the history. The colors indicate the priority (red: urgent, orange: priority, green: normal).<br>📢 : This is displayed in the paging history. The colors indicate the priority (red: urgent, green: normal).<br>The operation type and the station or unit number of the destination station or source station will be shown. |
| 3 | Date and time<br>Station Information and Unit Name | Shows the logged date and time.<br>The station or unit name of the destination station or source station is also shown. |
| 4 | Recording | A recorded video image is displayed if there is a video/audio recording in the history.<br>🎞 is displayed if recorded audio is in the history. |
| 5 | Latch | ⚠ : This is displayed if Latch Reset is not performed when an incoming call associated with the strobe light is received. |
| 6 | Station Information and Unit Number | Shows the station and unit number that recorded the video/audio. |
| 7 | Lock | 🔒 : This is displayed for protected video/audio recordings in the history. |
| 8 | PLAY | Tap to play the selected video/audio recording in the history. |
| 9 | CALL | Calls the units and stations of the source station or destination station in the selected history.<br>If the source station is an Entrance Station, Door Station of Outside Areas, or Door Station that is registered in the same unit, calls cannot be made. |
| 10 | PAGE | Pages to the building of the destination station of the selected history. |
| 11 | MONITOR | Tap to monitor the selected station in the history. |
| 12 | DELETE | Tap to delete the selected video/audio recording in the history. |
| 13 | DELETE ALL | Tap to delete all video/audio recordings in the history. |
| 14 | LOCK/UNLOCK (For microSDHC memory cards) | Tap to lock/unlock the selected video/audio recording in the history. Protected content cannot be overwritten or deleted. |

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# Calling the other party

Place a call to one of the following units or stations.
- Residential Unit
- Commercial Unit
- Other Guard Units
- Other Inside Areas
- Mobile Apps and phones that are registered in the same Guard Unit.
- Stations other than the Audio Door Station in the same Guard Unit.
- Stations other than the Audio Door Station in the same Inside Area.

Call will be placed to all the registered Mobile Apps if multiple Mobile Apps are registered within the same Guard Unit. It communicates with the first Mobile App that responds.

**1.** Lift the handset.

- If the handset is lifted after specifying a call destination, the call will be placed under **[Normal]** priority.
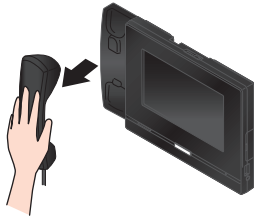
**2.** Specify a call destination.

- Choose a call destination using the methods below.
  - "Selecting / Choosing / Calling by Number (→page 27)"
  - "Specify a station or unit using the address book. (→page 28)"

**3.** Tap **[CALL]**, **[PRIORITY CALL]**, or **[URGENT CALL]**.
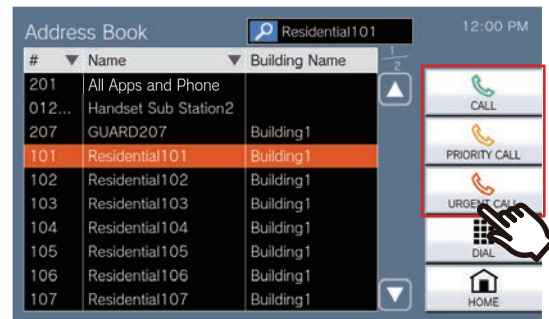


- The call will be placed with the selected priority.
- The ringback tone is heard from the handset or the built-in speaker.
- Refer to (page 60 and page 64 through page 67) for operations when making an outgoing call.

*4.* Speak when the other party answers

- For viewing the screen during communication, refer to (→page 19).
- Refer to (page 57 through page 67) for operations during a call.
- If the other party uses a VoIP phone, the image may not be displayed depending on the specifications and configuration of the VoIP phone.

*5.* When the communication ends, hang up the handset or tap 📛.

---

💡 **Note**

- When calling a VoIP phone, this will be the shorter time of the time set for "Call Timeout" or the call duration configured on the IP-PBX.

- It may not be possible to place a call. It depends on the configuration of the station.

- The ringback tone may not be played, depending on the settings.

- If the call duration set on the calling station elapses, communication will automatically end. A notification sound will play approximately 10 seconds before ending. The notification sound may not play depending on the settings. However, if the call duration set on the VoIP phone is shorter than the call duration set on the Guard Station, the communication will end without the notification sound playing.

- If a page with a higher priority is received from another station while making an outgoing call or during communication, the outgoing call or call will be interrupted and the station will switch to the page.

- Depending on the settings, if an incoming call with a higher priority is received from another station while making an outgoing call or during communication, the outgoing call or communication will be interrupted and the station will switch to the call with higher priority.

- Tapping 🎤 during communication turns off the microphones of the handset and station. Tapping 🎤▬ turns off the microphones of the handset and the station as well as the camera feed. Tap 🎤 or 🎤▬ to turn them back on.

- When receiving another call while talking, a notification tone will be heard from the handset or built-in speaker. Tap 🔲 to choose the station to communicate with. (→page 60)

- If the call recipients include a VoIP phone configured to automatically take a call, that VoIP phone will immediately answer the call.

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# Use an external device to place a call

Use an external device (sensor, call button, etc.) to place a call to a pre-determined location.

Input  →  Station  →  Outgoing call

Call button, etc.

## *1.* Activate the external device

- The ringback tone will play from the speaker of the station.

If the call button is connected

## *2.* Speak when the other party answers

- Lift the handset to switch to handset communication.

- For how to view the screen during a call, refer to (→page 19).
- Refer to (page 57 through page 67) for operations during a call.

## *3.* To end communication, hang up the handset or tap  .

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> ### 💡 **Note**
>
> - When calling a VoIP phone, this will be the shorter time of the time set for "Call Timeout" and the call duration set on the IP-PBX.
>
> - It may not be possible to place a call. It depends on the configuration of the station.
>
> - The call is placed using the priority that was set during programming.
>
> - The ringback tone may not be played, depending on the settings.
>
> - If the call duration set on the calling station elapses, communication will automatically end. A notification sound will play approximately 10 seconds before ending. The notification sound may not play depending on the settings. If the call duration set on the VoIP phone is shorter than the call duration set on your Guard Station, the communication will end without the notification sound playing.
>
> - If a page with a higher priority is received from another station while making an outgoing call or during a communication, the outgoing call or call will be interrupted and the station will switch to the page.
>
> - Depending on the settings, if an incoming call with a higher priority is received from another station while making an outgoing call or during communication, the outgoing call or communication will be interrupted and the station will switch to the call with higher priority.
>
> - Tapping 🎤 during communication turns off the microphones of the handset and station. Tapping 🎤▶■ turns off the microphones of the handset and the station as well as the camera feed. Tap 🎤̸ or 🎤̸◀■ to turn them back on.
>
> - When receiving another call while talking, a notification tone will be heard from the handset or built-in speaker. Tap 🔔 to choose the station to communicate with. (→page 60)
>
> - If the call recipients include a VoIP phone configured to automatically take a call, that VoIP phone will immediately answer the call.

# Answering a call

When there is an incoming call, the status indicator flashes and the ringtone plays.
Video of the destination station is displayed, and it is able to communicate by answering the call.

**1.** When receiving a call lift the handset or tap ⌛.

- Refer to (→page 17) for how to view the screen when receiving a call.
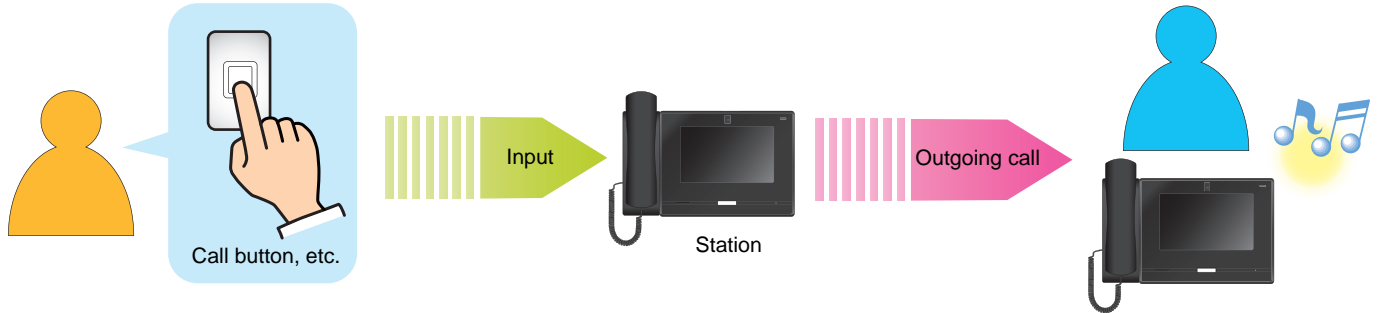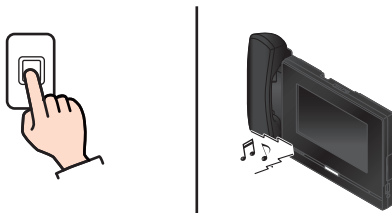- Refer to (page 60 through page 67) for operations when receiving a call.

**2.** Speak with the other party

- For how to view the screen during a call, refer to (→page 19).
- Refer to (page 57 through page 67) for operations during a call.

**3.** To end communication, hang up the handset or tap ⬇.

💡 **Note**
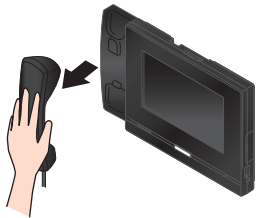
- Depending on the configuration, the ringtone may be heard from a separately installed speaker or other device.

- If the call duration that was set on the calling station elapses, the communication will automatically end. A notification sound will play approximately 10 seconds before ending. The notification sound may not play depending on the settings. If the call duration set on a VoIP phone is shorter than the call duration set on your own station, the communication will end without the notification sound playing.

- If a page with a higher priority is received from another station during communication, the call will be interrupted and the station will switch to the page.

- Depending on the settings, if a page or incoming call with a higher priority is received from another station during communication, the call will be interrupted and the station will switch to the page or incoming call.

- If a page or incoming call with a higher priority is received from another station while making a call, the placed call will be interrupted and the station will switch to the page or call with the higher priority.

- The ringtone may not sound, depending on the configuration.

- Tapping 🎤 during communication turns off the microphones of the handset and station. Tapping 🎤▶ turns off the microphones of the handset and the station as well as the camera feed. Tap 🎤 or 🎤✕ to turn them back on.

- When receiving two or more calls simultaneously, tap 🔔 to choose the station to communicate with. (→page 60)

- When Auto Answer (→page 77) is "ON," an individual call from another Master Station or a PC Intercom App will be answered automatically. Calls from other types of stations are not automatically answered.

- Depending on the settings, if the electrical lock is released during incoming call from the Entrance Station or while communicating, the incoming call or communication will end automatically after approximately 10 seconds.

# Answering a Call with the Reception Function

If the Reception function is set to ON, calls to residential units or tenants from the Entrance Station can be temporarily received by this station and announced to the resident after communicating with the visitor.
When an incoming call is received with the Reception function turned ON, the calling station and call destination's information are both displayed on the screen.

**1.** When receiving a call lift the handset or tap 🔊 .

calling station

call destination
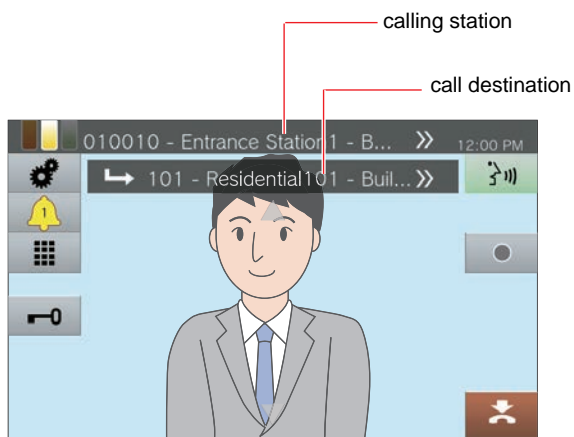


**2.** Speak with the other party

**3.** Transfer the call

- Refer to <u>"Transfer calls (during communication) (→page 52)"</u>.

# Sending a page

Send a page to stations that were registered in advance.
The two methods of paging are "Live Page" and "Recorded Page."
**[Live Page]** cannot be selected when paging to 501 or more stations.
**[PAGE]** may not be displayed on the Home Screen, depending on the configuration. If this is the case, this function cannot be used.

## Immediately sending a page

**1.** Lift the handset.

- If the handset is lifted after specifying page destination, the page will be placed under the **[Normal]** priority.
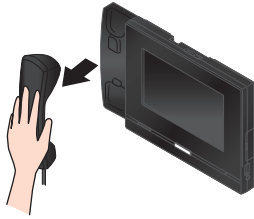


**2.** Tap **[PAGE]** on the Home Screen.

**3.** Tap the page destination.



- Refer to (→page 29) for how to search page destinations.

**4.** Tap **[PAGE]** or **[URGENT PAGE]**.

- The page will be sent with the selected priority.

**5.** Tap **[Live Page]**.
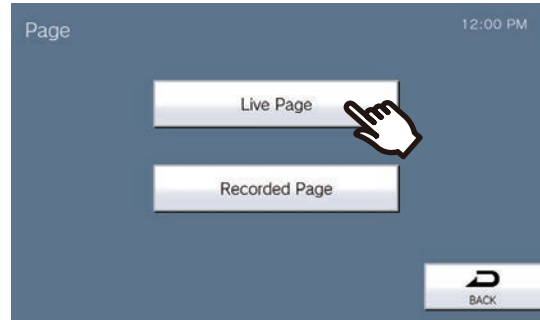


**6.** Speak after the paging pretone.
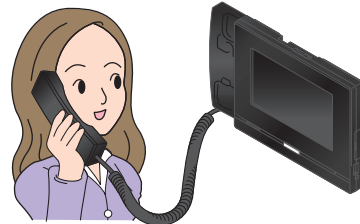


- Refer to (page 60, and page 64 through page 67) for operations when paging.

**7.** After paging, hang up the handset or tap 📵 .

## Recording and sending a page

**1.** Lift the handset.

- If the handset is lifted after specifying page destination, the page will be placed under the **[Normal]** priority.
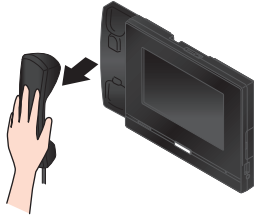


**2.** Tap **[PAGE]** on the Home Screen.
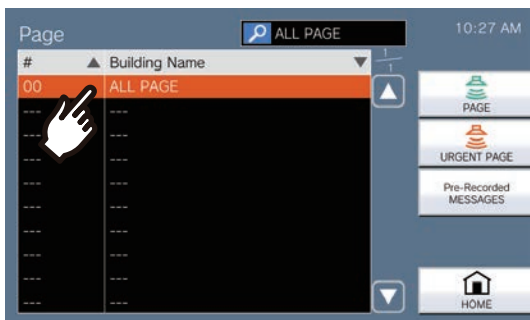
**3.** Tap the page destination.



- Refer to for how to search page destinations.

**4.** Tap **[PAGE]** or **[URGENT PAGE]**.

- The page will be sent with the selected priority.

**5.** Tap **[Recorded Page]**.
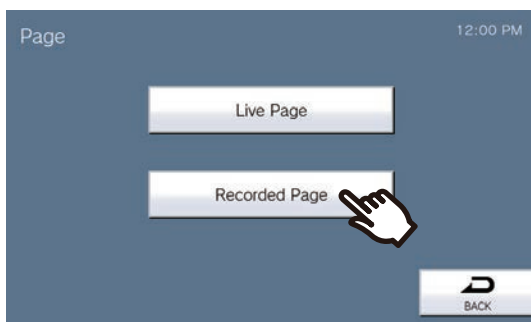


**6.** Tap **[RECORD]** to record the paging message.
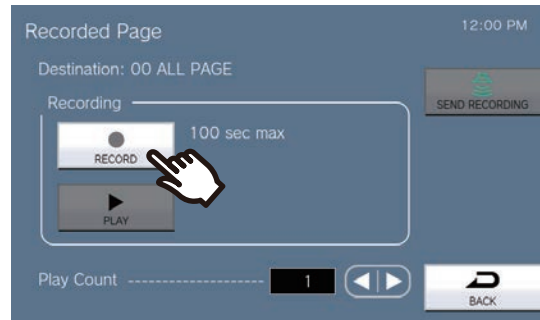


- Hang up the handset or tap **[STOP]** to stop recording.
- If tap **[BACK]**, the station returns to the previous screen without saving the recorded message.
- When the handset is hung up after tapping **[STOP]**, the station returns to the Home Screen without saving the recorded message.

**7.** Tap **[PLAY]** to confirm the recorded message.

- ▶ : play the recorded paging message.
- ▌▌ : pause the playback.
- ⚙ : adjust the screen brightness and change the playback volume.

**8.** Use ◀ or ▶ to set how many times the page will be played (maximum of 20 times).

**9.** Tap **[PAGE]**.

- Refer to to cancel sent messages that are playing on stations.

> ### 💡 Note
>
> - When the station being paged answers, the page will end and a call will be established with the station that answered. (Only when paging with the process from "Immediately sending a page (→page 38)")
>
> - The ringback tone will sound until paging begins.
>
> - Depending on the settings, it may take some time to start paging when paging multiple stations.
>
> - Depending on the settings, a pretone may play from separately installed speakers.
>
> - If the Paging Timeout which was previously set elapses, the page will automatically end. A notification sound will play approximately 10 seconds before ending. The notification sound may not play depending on the settings. (Only when paging with the process from "Immediately sending a page (→page 38)")
>
> - Depending on the settings, the pretone may not sound.
>
> - If a page with a higher priority is received from another station when paging or during a call, the page or call will be interrupted and the station will switch to the page with the higher priority.
>
> - When receiving an incoming call from another station during paging, a notification tone will be heard from the handset or built-in speaker. Tap 🔔 to select the station to communicate with. (→page 60)
>
> - Tapping 🎤 during paging turns off the microphones of the handset and station. Tap 🔇 to turn them back on.

# Sending a message page

Send a page using a pre-recorded message (audio data) to stations registered in advance.
**[PAGE]** may not be displayed on the Home Screen, depending on the configuration. If this is the case, this function cannot be used.
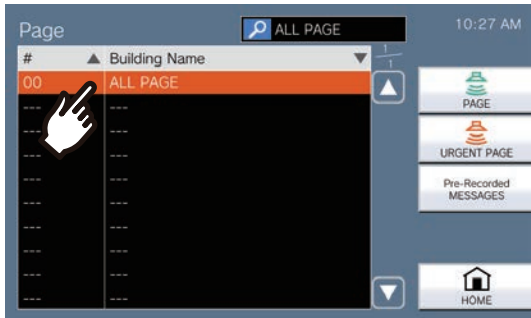
## 1. Tap **[PAGE]** on the Home Screen.

## 2. Tap the page destination.
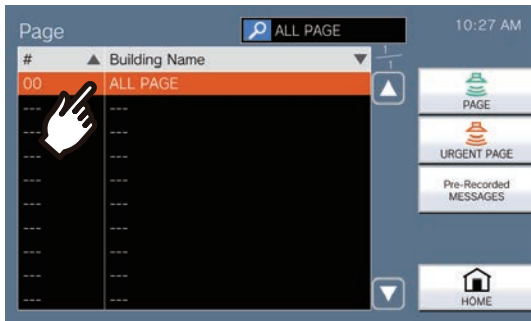


• Refer to (→page 29) for how to search page destinations.

## 3. Tap **[Pre-Recorded MESSAGES]**.

## 4. Tap the message to be sent during paging.
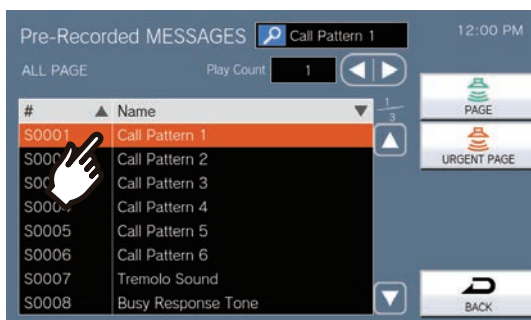


• The selected message will be heard from the handset or built-in speaker.

## 5. Use ◀ or ▶ to set how many times the message will be played (maximum of 20 times).

## 6. Tap **[PAGE]** or **[URGENT PAGE]**.

• The page will be sent with the selected priority.

## 7. After the message is sent, the screen will return to the Home Screen.

No. of stations that have received the message
Total No. of stations
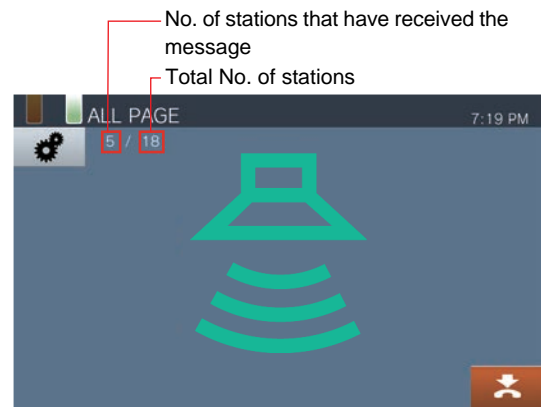


• 📇 :
Tap this to end paging. However, messages that have already been sent and are playing on stations will not stop.

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**Canceling sent messages that are playing on stations**

**1.** Tap **[History]** on the Home Screen.

**2.** Tap **[Outgoing Calls]**.

**3.** Tap the message page to stop from the list.
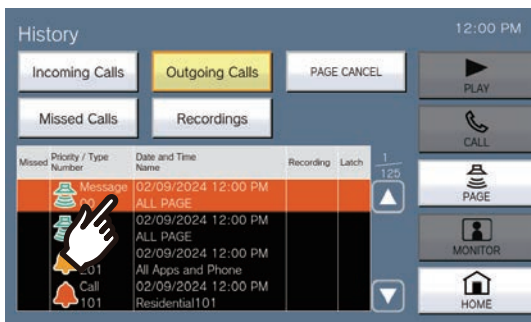


**4.** Tap **[PAGE CANCEL]**.

• Ends the Message Page.
• If paging with "Recording and sending a page (→page 39)", it changes to **[PAGE CANCEL]**.

> 💡 **Note**
>
> • The ringback tone plays until paging begins.
>
> • Depending on the settings, a pretone may play from separately installed speakers.
>
> • If the destination station is on a call or is paging, the message may not play depending on the priority setting.

# Contact Input Page

An external device such as sensors and buttons can be used to send a page or message page to a registered page destinations, or page using an external audio source.

Button, etc.    Input    Station    Paging
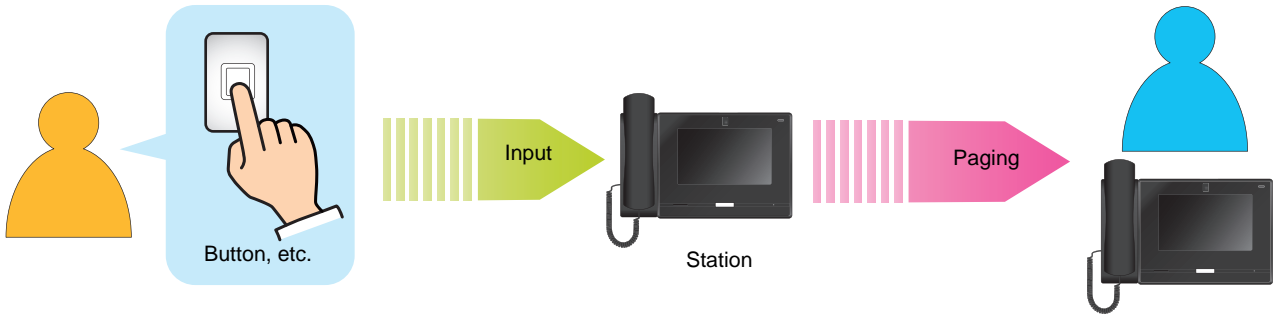
# Receiving a page

When a page is received, the Paging Pretone will sound and the paging begins.

Depending on the configuration, 🔊 may be displayed when a page is received. Answering the page in this case will begin the call.
Refer to (page 64 through page 67) for operations when a page is received.

## Answering pages

**1.** While receiving a page, lift the handset or tap 🔊 .
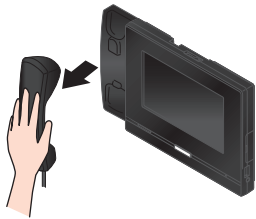
Alternately,

**2.** Speak with the other party

- For how to view the screen during a call, refer to (→page 19).
- Refer to (page 57 through page 67) for operations during a call.

**3.** To end communication, hang up the handset or tap 🔻 .

---

💡 **Note**

- The Paging Pretone may not sound, depending on the configuration.
- Depending on the settings, the pretone and incoming page tone may be heard from a separately installed speaker or other device.
- If a page with a higher priority is received from another station when paging or during a call, the page or call will be interrupted and the station will switch to the page with the higher priority.
- When receiving an incoming call from another station during paging, a notification tone will be heard from the handset or built-in speaker. Tap 🔔 to choose the station to speak. (→page 60)
- When a station answers a page, the page will end on all other stations.
- When a page with an "Urgent" priority is received, it is played at the maximum receive volume. The receive volume can be adjusted during paging. When answering a page, the receive volume returns to the original volume setting.

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# Monitoring a door station

Video and audio of the following stations can be monitored.
 • Entrance Station
 • Door Stations that are registered in Outside Areas
 • Door Stations that are registered in the same Unit
 • Network Camera

When a door station does not have a camera, only audio will be heard while monitoring.

Audio from the monitoring station cannot be heard by the other party while monitoring. However, the other party may be notified that they are being monitored by a notification tone or flashing status indicator depending on the monitored station's settings.

Monitoring cannot be performed when the other station is on a call or otherwise busy.

**1.** Tap **[Monitor]** on the Home screen.

**2.** Select a station to monitor.

• Refer to (→page 29) for how to search stations.

**3.** Tap **[MONITOR]**.

• The calling tone plays until monitoring begins.

**4.** View the video and audio.
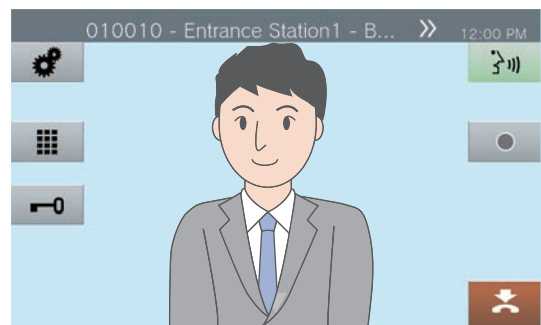
• Refer to (page 57 and page 61 through page 67) for operations during monitoring.

**5.** To end monitoring, tap .

> **Note**
>
> • Tap or lift the handset during monitoring to initiate a call.
>
> • If the configured Monitor Timeout elapses, monitoring will automatically end. A notification tone will be played approximately 10 seconds prior to monitoring ending. The notification tone may not play, depending on the configuration.
>
> • While monitoring, if this station starts playing a chime or receives a page or receives a call from another station, monitoring will end.
>
> • If monitoring is performed for more than 10 minutes, the display will turn off, but audio will continue to be monitored. The display is touched, it will light up again. (When monitoring IX-DA, IX-DB and IX-BA, IX-BB monitoring is ended in 10 minutes.)
>
> • Frequent and extended periods of monitoring may decrease the lifespan of the Guard Station's LCD display.

# Scan Monitoring

Video and audio of the following stations can be monitored automatically in order.
 • Entrance Station
 • Door Stations that are registered in Outside Areas
 • Door Stations that are registered in the same Unit
 • Network Camera
This function can be configured in "How to configure Scan Monitoring (→page 99)".
For stations without cameras, only audio will be heard while monitoring.
Audio of the station that initiates monitoring cannot be heard by the other party during monitoring. However, the other person may be notified that they are being monitored (a notification tone or flashing LED), depending on the configuration of the other station.
Monitoring cannot be performed when the other station is on a call or otherwise busy.

> **❗ Important**
>
> • The Scan Monitor operation continues until it is ended. If the Scan Monitor operation is continuously running, the life of the LCD Display may be shortened.

*1.* Tap **[Monitor]** on the Home screen.

*2.* Tap **[SCAN MONITOR]**.
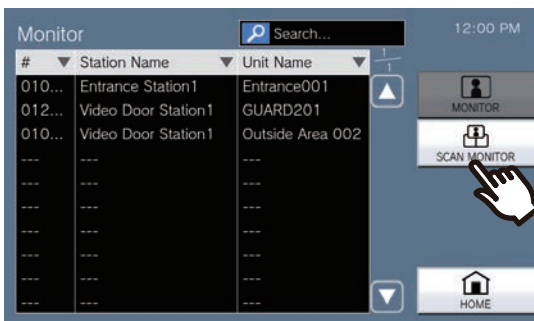


 • The calling tone plays until scan monitoring begins.

*3.* View the video and audio.
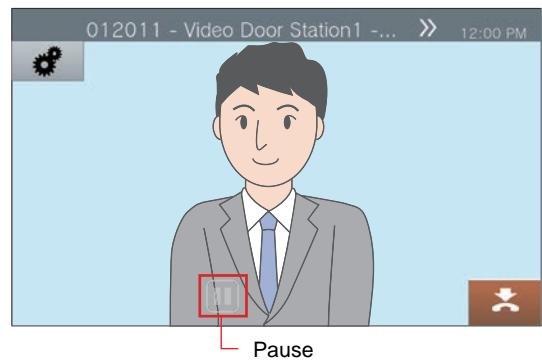

Pause

 • Tap ⏸ to stop automatically switching video and audio. Video and audio from the currently displayed station will continue to be monitored.

⬇
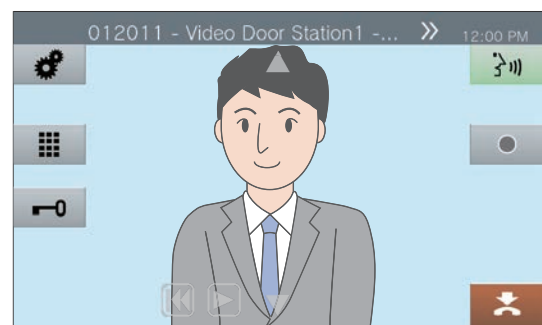


 • ⏮ : Press this to switch monitoring to the previous station.

• ▶ : Press this to resume scan monitoring.
• Refer to (page 57 and page 61 through page 67) for operations during monitoring.

*4.* To end scan monitoring, tap 🕴 .

---

💡 **Note**

• During scan monitoring, if this station begins playing a chime or receives a page or receives a call from another station, scan monitoring will be paused. When the page, call, or communication ends, scan monitoring will resume from the first station.

# Using Speed Dial Buttons

The Speed Dial buttons can be used to quickly perform functions that have been pre-assigned.
These functions can be configured in "How to configure Speed Dial Settings (→page 110)".

Home Screen 1
Tap **[Favorites]** on the Home Screen to display the Speed Dial buttons.

Home Screen 2
The Speed Dial buttons are displayed on the Home Screen.

Function icon

Speed Dial button name

Function icon

Speed Dial button name
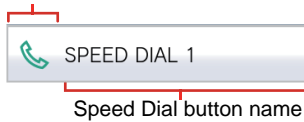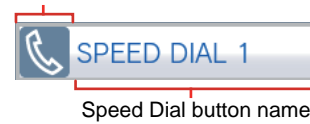
| Function icon | | Description |
|---|---|---|
| **Home Screen 1** | **Home Screen 2** | |
| | | Tap to place a normal call to a pre-configured unit or station. |
| | | Tap to place a priority call to a pre-configured unit or station. |
| | | Tap to place an urgent call to a pre-configured unit or station. |
| | | Tap to start a normal page or normal message page to a pre-configured group. |
| | | Tap to start an urgent page or urgent message page to a pre-configured group. |
| | | Tap to monitor a pre-configured station or network camera. |
| | | Tap to scan monitor a pre-configured station or network camera. |
| | | Tap to operate relay output for the pre-configured station. During relay control, **[Processing…]** will be displayed and the button will turn yellow. However, the display and operating state may vary in the following situations. • Relay output is operated by another station • Relay Output was reset by the destination station during Relay Output. When operating relay output for multiple stations at the same time, processing may take some time. |

# Viewing Recordings

Video/audio recordings can be selected from the history to be viewed.
Depending on the configuration, a single video/audio recording may be split into multiple files.

**1.** Tap **[History]** on the Home screen.

**2.** Tap **[Recordings]**.
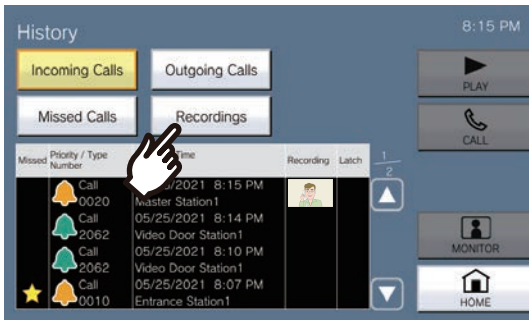


**3.** Tap the recording to play from the list.
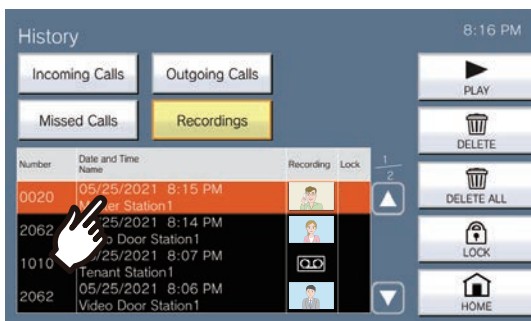


**4.** Tap **[Play]**.

- **[PLAY]**:
  Tap this to play the selected video/audio recording.
- **[DELETE]**:
  Tap this to delete the selected video/audio recording.
- **[DELETE ALL]**:
  Tap this to delete all video/audio recordings. Protected video/audio recordings cannot be deleted.
- **[LOCK]**:
  Tap this to protect the selected video/audio recording. Protected content will show 🔒 in the protected field and cannot be overwritten or deleted.
- **[UNLOCK]**:
  Press this to remove the protection from the selected video/audio recording.

**5.** Tap ▶ and confirm the video and audio.

- Refer to for how to view the screen when playing a recording.

> 💡 **Note**
>
> - The station may not be able to play video or audio normally. The recordings may not be saved properly because of the communication.
> - Network camera video may not be recorded due to the size of the image.

# Understanding the Playback Screen.



| No. | Name | Description |
|---|---|---|
| 1 | Station information | Shows information about the station that recorded the video/audio. |
| 2 | Date and time | This shows the date and time of the recording. |
| 3 | Function | Adjust the brightness of the screen and audio volume with this button.<br> : Screen brightness<br> : Playback volume |
| 4 | Previous split | Tap this to display the playback screen of the previous split file.<br> is only displayed if the recording file was split. It is not displayed for the first recording split in the series. |
| 5 | Previous | Tap this to display the playback screen for the previous recording. Tapping  when the first recording is being shown will display the last recording. |
| 6 | Play/Pause | Play: Tap this to play the recording.<br>Pause: Tap this to pause the recording. |
| 7 | Next split | Tap this to display the playback screen for the next split file.<br> is only displayed if the recording was split. It is not displayed for the last recording split in the series. |
| 8 | Next | Tap this to display the play screen of the next recording. Tapping  when the last recording is being shown will display the first recording. |
| 9 | BACK | Tap this to return to the history screen. |
| 10 | Seek bar | This shows the playback progress of the recording. Tapping the seek bar during playback will play the recording from the point that was tapped. Tapping the seek bar when the recording is paused will show the recording paused at the point that was tapped. |
| 11 | Video/audio recording number / total number of recordings | This shows the number of the recording being shown, as well as the total number of recordings. |
| 12 | File split number/total number of files | This shows the number of the file being shown and the total number of files. This is displayed when a recording is split into multiple files. |
| 13 | Playback time | This shows the playback time. |

# Play Video/Audio Recordings using a PC

Insert the microSD card the microSD card slot on the PC or a microSD card reader connected to the PC to play video/audio files recorded to the microSD card on the PC.
 • Video/audio files (AVI format) can be played using a media player that supports the AVI format.

---

### 💡 Note

System for video/audio files saved to microSD cards

 • File format: AVI

 • Video/audio files are saved in the following folder.
   **/record**

 • Video/audio files are saved in the folder with the following file name.

$$001\_001\_2021\_11\_21\_10\_15.avi$$

— Video/audio recording start time

— Date video/audio was recorded

File split number (starting from 001)
*This will be 001 only if the file is not split.

— Video/audio recording number (starting from 001)
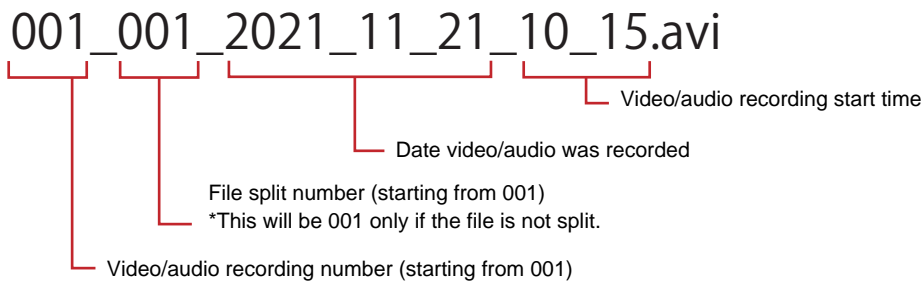
The .png files are thumbnail images for video/audio recording in the history.

---

# Transfer calls (during communication)

A call can be transferred to another station.
Communication with an app or phone cannot be put on hold or transferred.

## Transfer a call

**1.** Tap 🕿 during communication to place the call on hold.

---

**2.** Tap the transfer destination unit or station.

- If specifying units or stations in other buildings, tap **[SELECT BUILDING]** first, and select a building.
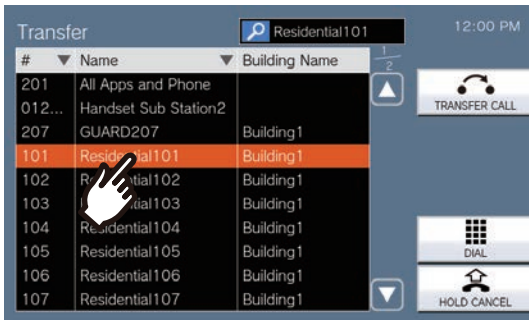


- Refer to (→page 29) for how to search units and stations.

---

**3.** Tap **[TRANSFER CALL]**.

- The ringback tone will be heard.
- To take a call off hold, tap **[HOLD CANCEL]**.

**4.** Once the transfer destination answers, inform the party that the transfer will be made.



- To cancel transferring, tap 🕿 .
- For how to view the screen during a call, refer to (→page 19).
- Refer to (page 57 through page 67) for operations during a call.

---

**5.** Hang up the handset or tap 🕿 .

- The call is transferred to the transfer destination.

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💡 **Note**

- If the transfer destination ends the call first, the communication with the station that placed the call will resume.

- Transferring a call from a station with a camera will transfer the video as well.

- If the transfer destination is a unit, the call can be transferred to the first station that answers.

- If the configured call duration elapses during a call or communication with the transfer destination, the communication with the held station will automatically end. A notification sound will play approximately 10 seconds before ending. The notification sound may not play depending on the settings. However, if the call duration set on the VoIP phone is shorter than the configured call duration, the communication will end without the notification sound playing.

- If transferring is configured on the transfer destination station, the outgoing call will be made according to the configuration.

- Calls with a VoIP phone cannot be transferred to stations other than VoIP phones.

- Calls with a Tenant Station cannot be transferred to a VoIP phone.

---

### Receive a transferred call

*1.* When receiving a call from the transfer source, lift the handset or tap 🔊 .
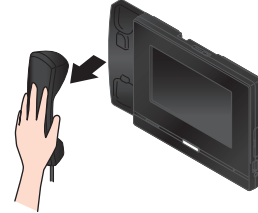


Alternately,



---
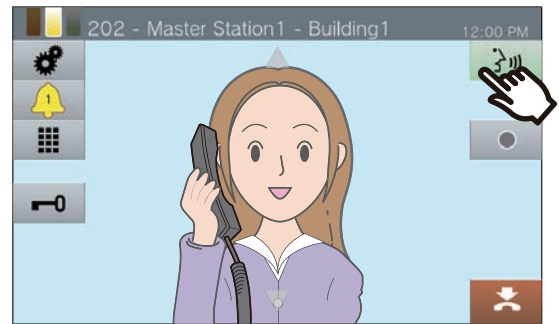
*2.* Speak with the transferring station.



---

*3.* When the transferring station hangs up, the call is transferred and communication can begin.



  • For how to view the screen during a call, refer to (→page 19).
  • Refer to (page 57 through page 67) for operations during a call.

---

*4.* To end communication, hang up the handset or tap 📞.

---

> 💡 **Note**
>
> • Transferring a call from a station with a camera will transfer the video as well.
>
> • If communication is ended at the transfer destination before the transferring station, the transfer will not be completed.
>
> • The call will not be automatically answered even if Auto Answer (→page 77) is set to "ON." Tap 📞 to answer.
>
> • Depending on the settings, if the electrical lock is released during communication with the Entrance Station, the communication will end automatically after approximately 10 seconds.

# Absent Transfer

Activate absent transfer to have incoming calls sent to another station while away. This may not be used depending on administrator settings.
Calls from VoIP phones will be received on this station without being transferred.

## Absent transfer

When a call is received while away, the call is automatically transferred to another station.

Away

Call

Automatic transfer

Station

Pre-configured transfer destination station
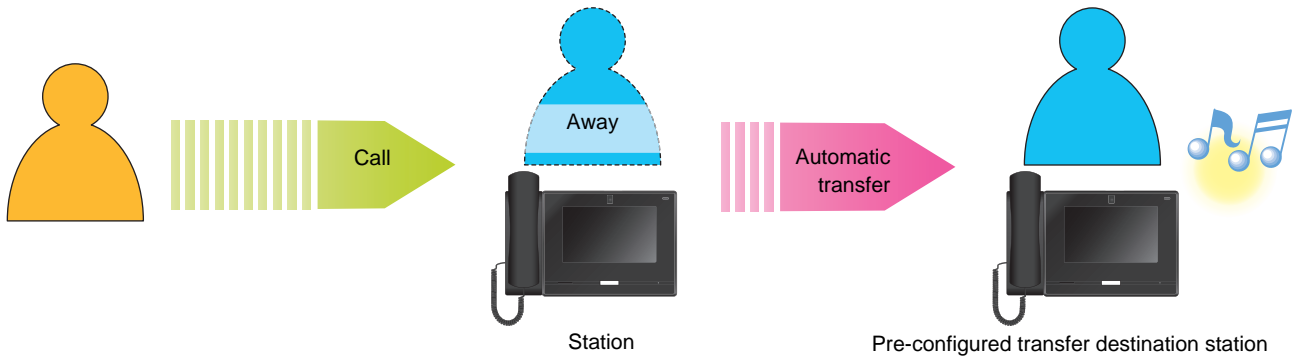
■ Setting absent transfer

**1.** Tap **[TRANSFER/OFF]** on the Home Screen.

It switches to **[TRANSFER/ON]** and lights up orange.

■ Canceling absent transfer

**1.** Tap **[TRANSFER/ON]** on the Home Screen.

It switches to **[TRANSFER/OFF]** and lights off.

**Note**

- If transfer destinations include a VoIP phone configured to automatically answer the call, that VoIP phone will answer.

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# Other Transfer Options

Incoming calls can be automatically transferred to another station while away. Calls from VoIP phones will arrive on this station without being transferred. Call transfer must be configured in advance, and may be transferred to multiple stations. If a call is transferred to multiple stations, only the first station that answers the call can communicate.

## Delayed transfer

Incoming calls can be transferred to another station automatically when not answered within a set period of time. Refer to "How to configure Delay Transfer settings (→page 92)" for how to configure the transfer.
While delayed transfer is activated:

Call

No answer within a fixed time

Automatic transfer

Station

Pre-configured transfer destination station
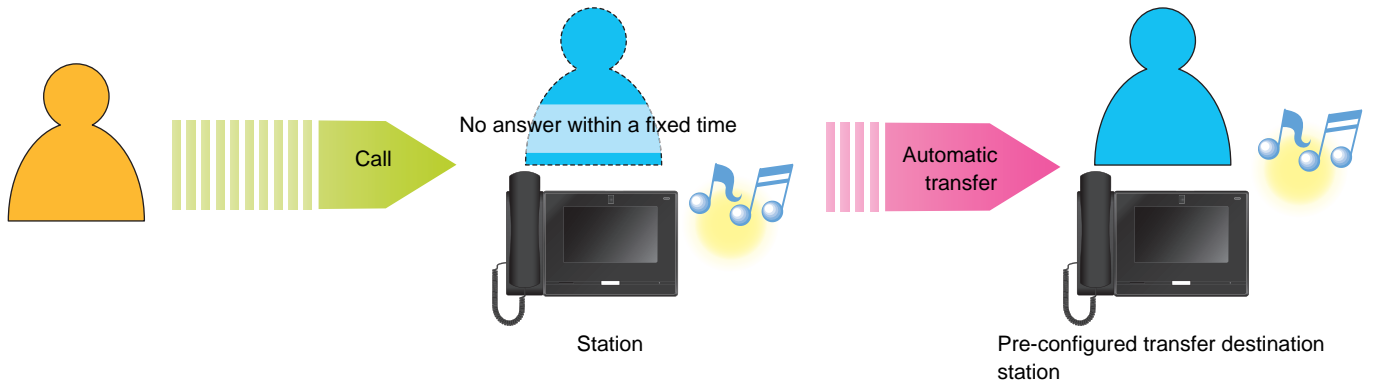
## Scheduled transfer

Absent transfer is automatically performed on the pre-configured schedule. Configure the schedule to perform relay output. Refer to "How to configure Schedule Transfer (Daily Schedule) (→page 94)" and "How to configure Schedule Transfer (Weekly Schedule) (→page 96)" for how to configure the transfer.
During scheduled transfer...

<Example schedule>
Monday: 0:00 to 8:00
Wednesday: 8:00 to 23:59
Friday: 8:00 to 23:59

Call

Transfer according to the schedule

Automatic transfer

Station

Pre-configured transfer destination station
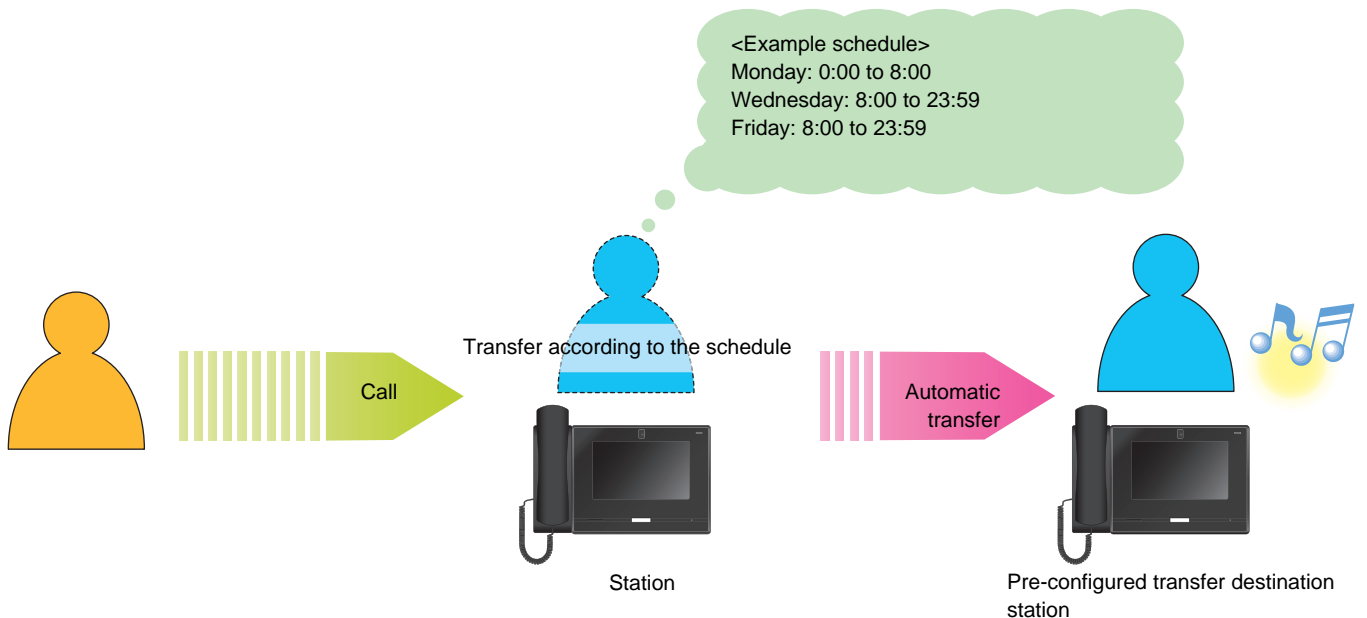
> **Note**
>
> • An icon is displayed on the Home Screen when delay transfer or schedule transfer is configured.
>
> • If transfer destinations include a VoIP phone configured to automatically answer the call, that VoIP phone will answer.

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# Unlocking a door

In the following case, the electric lock can be released.
• Incoming call (only while the video is displayed)
• Communicating
• Monitoring

## Releasing with the door release button

**1.** Tap ⌐0 .

- The door unlocks.
- When the door is released, ⌐0 switches to ⌐0 for 3 seconds.
- The status indicator of the master station will flash blue when the door is released.

---

💡 **Note**

- If the door cannot be released, an error tone will sound.
- Depending on the configuration, tapping the door release button a second time while the door is already released will extend the door release timer.
- Depending on the settings, if the electrical lock is released during an incoming call from the Entrance Station or while communicating, the incoming call or communication will end automatically after approximately 10 seconds.

## Releasing with the keypad

Depending on the configuration, the ▦ button may not be displayed.

**1.** Tap ▦ .

---

**2.** Use the keypad to enter "**Authentication Key*."

- If the authentication key is "0000" enter "**0000*."
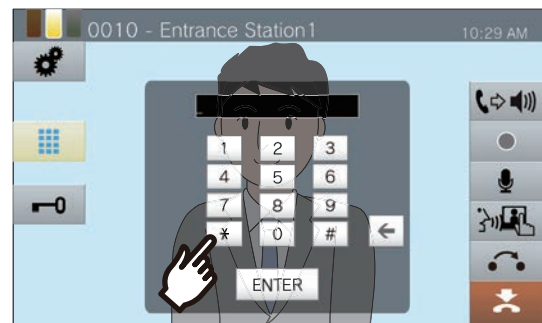


- Tap ← to delete the previous character.

---

**3.** Tap **[ENTER]**.

- The door unlocks.
- When the door is released, ⌐0 switches to ⌐0 for 3 seconds.
- The status indicator of the master station will flash blue when the door is released.

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---

### 💡 **Note**

- Depending on the destination station settings, a notification tone may be heard when the door release key is authenticated.

- If the door cannot be released, an error tone will sound.

- Ask the administrator for the authentication key.

- Depending on the configuration, tapping the door release button a second time while the door is already released will extend the door release timer.

- Depending on the settings, if the electrical lock is released during an incoming call from the Entrance Station or while communicating, the incoming call or communication will end automatically after approximately 10 seconds.

# Placing a call on hold

When on a call, the call can be put on hold temporarily.
The on-hold tone will play on the other station while it is on hold.

**1.** Tap [icon] during a call.

   • The call will be placed on hold and the transfer
   destination search screen is displayed.

**2.** To resume the call, tap **[HOLD CANCEL]**.
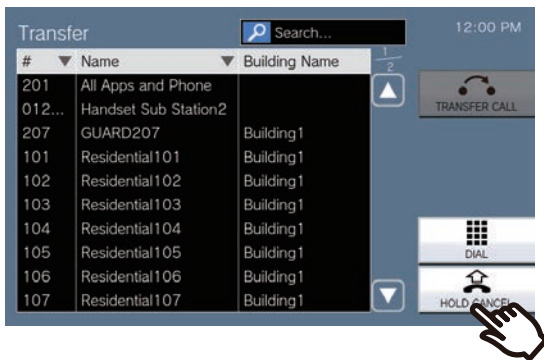


   • Resume communication.

---

💡 **Note**

• [icon] is not displayed during communication with an app or phone, and the communication cannot be put on hold.

• When hang up the handset while the call is on hold, the call will be terminated.

• It is possible to transfer a call while it is on hold.
(→page 52)

• The video from the station is not sent to the other station while that station is on hold.

# Selecting a station to answer

When receiving multiple incoming calls or receiving an incoming call from another station when placing a call, sending a page, or in communication, you can select which station to answer.

**1.** Tap 🔔 on the screen.

- The color varies according to the priority of the incoming call. If there are multiple incoming calls, the color of the highest priority will be displayed.

- 🔔:
  An urgent call was received.

- 🔔:
  A priority call was received.

- 🔔:
  A normal call was received.

**2.** Select the station to answer.



**3.** Lift the handset or tap 🔔 .
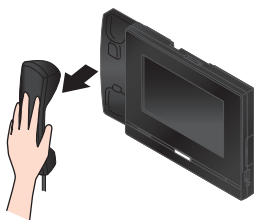


**4.** Speak with the other party.
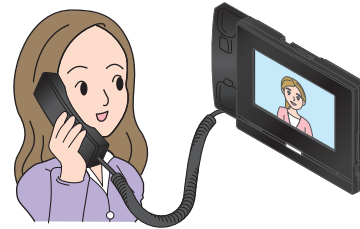


**5.** To end communication, hang up the handset or tap 🔔 .

# Recording Video / Audio

Video/audio can be recorded when receiving a call, during communication, and during monitoring. During an incoming call, only video will be recorded, and if there is no camera video, only audio will be recorded.

Depending on the configuration, [●] may not be displayed on the screen. In this case, this function cannot be used.
*A microSD card is required for video/audio recording. (microSD card sold separately)

## 1. Tap [●] on the screen.

- The icon changes to [●] and video/audio recording will start.

## 2. Tap [●] to end video/audio recording.

- The icon changes to [●] and video/audio recording will end.

> 💡 **Note**
>
> - When the incoming call, communication, or monitoring ends, the video/audio recording also ends automatically.
> - If overwriting is enabled, the oldest data is overwritten with the newest data if the SDcard becomes full.
> - The video of the camera displayed on the monitor will be recorded. However, if video from both a Video Door Station and a network camera are displayed on the LCD display simultaneously, only the video selected in the settings will be recorded.
> - During scan monitoring, video/audio can be recorded only when switching between stations is stopped.
> - Depending on the configuration, recording will start automatically.
> - Depending on the configuration, a single recording may be split into multiple files.
> - Depending on the configuration, recording may stop automatically.
> - [●] will not be displayed in the following states.
>   - The manual recording function is not permitted, and no auto recording start trigger is configured
>   - A microSD card is not inserted
>   - There is no free space on the microSD card for recordings
> - The network camera may not be able to record video, depending on the size of the video.

# Fixing the Capture Area

The capture area of the network camera can be modified.
The capture area may not be able to be adjusted/locked, depending on the network camera configuration.

**1.** When video from a network camera is being displayed, tap ▲, ▼, ◄, and ► to adjust the display area horizontally and vertically.
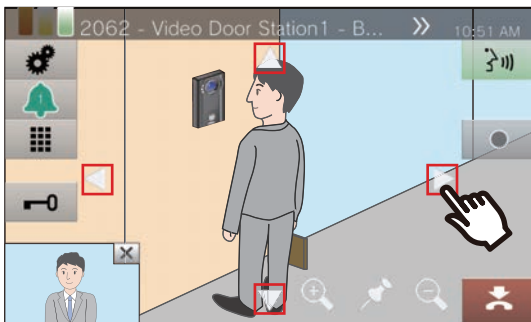


**2.** Tap 🔍 and 🔍 to adjust the capture area.



**3.** Tap ⚙.
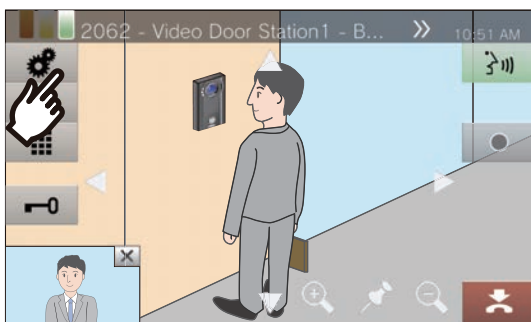


**4.** Tap **[CAMERA PRESET]** to fix the capture area.
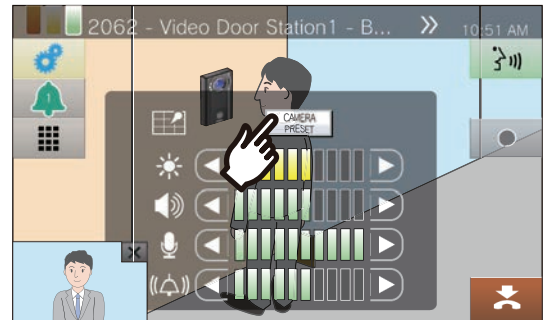


• The setting will be saved.

**5.** Tap ⚙ to return to the previous screen.

# Adjusting video to enhance visibility

Adjust the video from an Entrance Station or Video Door Station to enhance visibility.

**1.** Tap 🔧 .

**2.** Tap **[OFF]**.
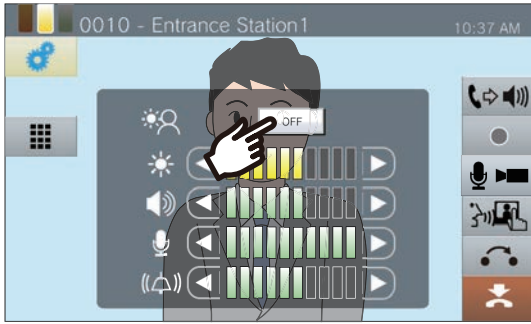


- The image will be adjusted. A sample is shown below.
- This setting will not be saved.

<Backlight compensation>        <Nighttime compensation>
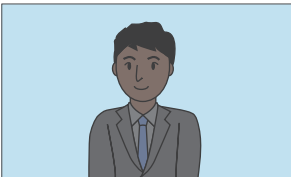


Before compensation        Before compensation



After compensation        After compensation

**3.** Tap 🔧 to return to the previous screen.

---

💡 **Note**

- Press **[ON]** during compensation to return the image to the state it was in prior to compensation.
- Compensation cannot be applied to video from Master Stations or network cameras.

# Adjusting Screen Brightness

The brightness of the screen can be adjusted when placing a call, receiving an incoming page, during communication, or during (scan) monitoring.

*1.* Tap ⚙.

*2.* Tap ◀ or ▶ to adjust the screen brightness.
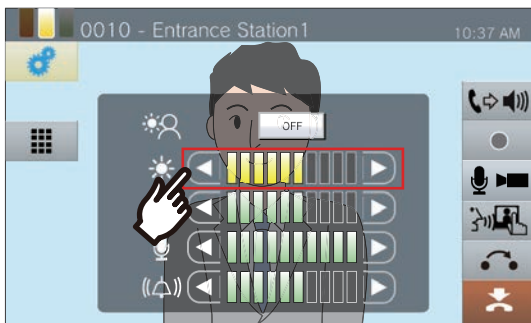


- ◀:
  Press this to darken the screen one step.

- ▶:
  Press this to lighten the screen one step.
- The setting will be saved.

*3.* Tap ⚙ to return to the previous screen.

# Adjusting speaker volume

The receive volume can be adjusted during communication or (scan) monitoring, etc.

**1.** Tap ⚙.

**2.** Tap ◀ or ▶ to adjust the receive volume.
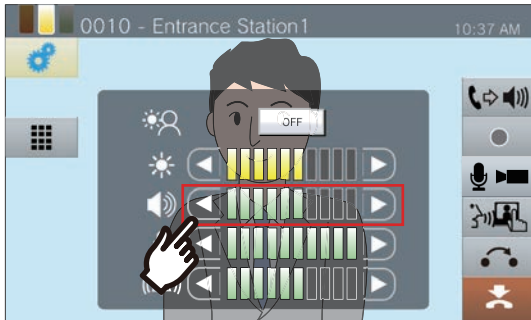


- ◀:
  Press this to decrease one step.
- ▶:
  Press this to increase one step.
- The setting will be saved.

**3.** Tap ⚙ to return to the previous screen.

> 💡 **Note**
>
> - Adjusting the receive volume will also change the ringback tone volume.
> - Adjust the ringback tone volume during an outgoing call.

# Adjusting microphone volume

The microphone volume can be adjusted during communication or when sending a page.

**1.** Tap  [icon].

---

**2.** Tap [icon] or [icon] to adjust the microphone volume.
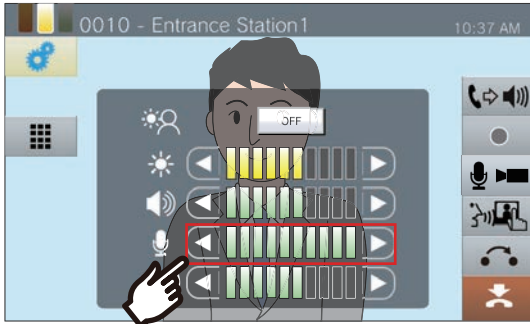


- [icon]:
  Press this to decrease one step.
- [icon]:
  Press this to increase one step.
- The setting will be saved.

---

**3.** Tap  [icon] to return to the previous screen.

---

# Adjusting Ringtone Volume

The ringtone volume can be adjusted during an incoming call or when receiving a page.

**1.** Tap ⚙.

**2.** Tap ◀ or ▶ to adjust the ringtone volume.
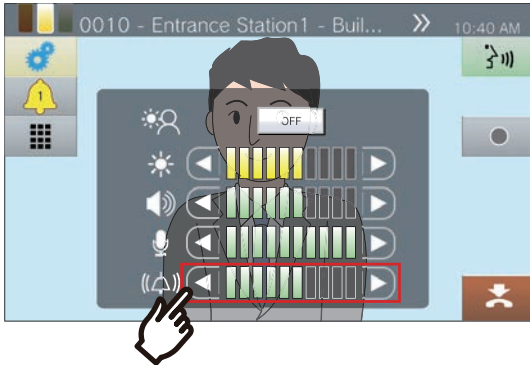


- ◀:
  Press this to decrease one step.
- ▶:
  Press this to increase one step.
- The setting will be saved.

**3.** Tap ⚙ to return to the previous screen.

# Confirming Station Information

The firmware version and network configuration information of this station can be checked.

**1.** Tap **[Information]** on the Home Screen.

- FIRMWARE VERSION: This shows the firmware version of this station.
- STATION NUMBER: Displays the station number of this station.
- NETWORK STATUS: Displays whether this station is properly connected to the network.
- IP-PBX STATUS: Displays the connection status with an IP-PBX.



**2.** Tap **[Network Information]**.

**3.** Enter the administrator password, and then tap **[ENTER]**.

Contact the system administrator for passwords.
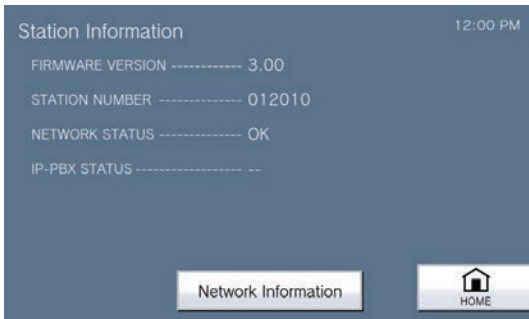


**4.** Check the network information for this station.



- Tap **[BACK]** to return to the **[Information]** screen.

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# Configuring the station sound a tone on a schedule

Configure the station to play a chime tone on the configured schedule.
Refer to "How to configure Chime Settings (Daily Schedule) (→page 100)" and "How to configure Chime Settings (Weekly Schedule) (→page 102)" for configuring chimes.

<Example schedule>
Monday: 8:30, 17:30
Wednesday: 8:30, 17:30
Friday: 8:30, 17:30

Sounds play on schedule

Chime tone

💡 **Note**

- If a call or page is received while the chime is playing, the chime will be canceled.

- The chime will not play when placing a call, receiving a call, during paging, or communication.

# Playing the Communication Audio Messages automatically

A message to help identify the location of the other station can be automatically played when a call starts or via keypad input.
The Communication Audio Messages can be used if it is registered to the other station.

Call

Start communication

Message sent when communication starts

Audio message

Authentication key input during call

Enter the "Authentication Key" using the keypad.
Ask the administrator for the Authentication Key.

Audio message

Message sent

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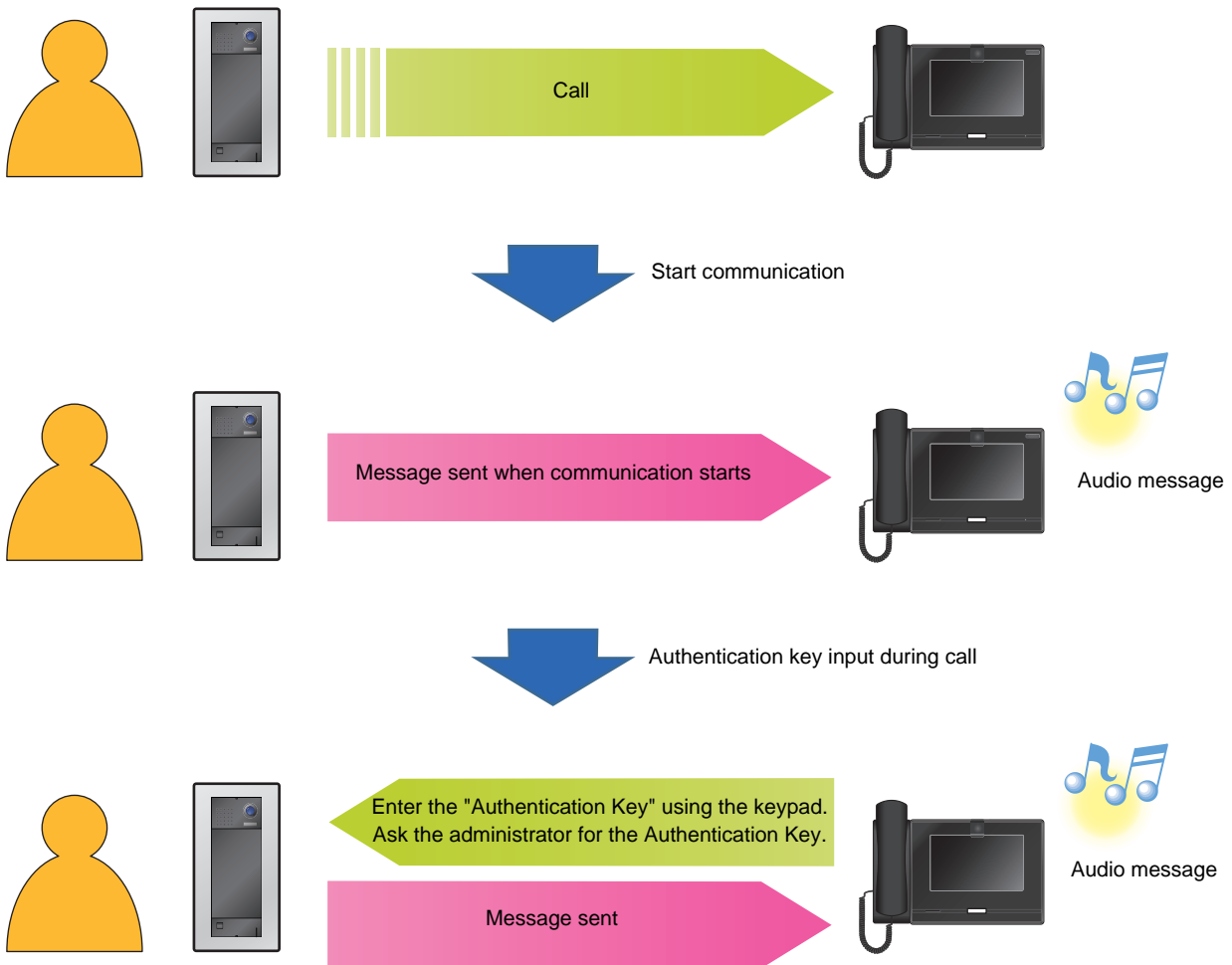
# Sending an email

Send email to an email address registered in advance when particular conditions occur such as while a microSD access error is detected.



Send the email automatically

Email Server
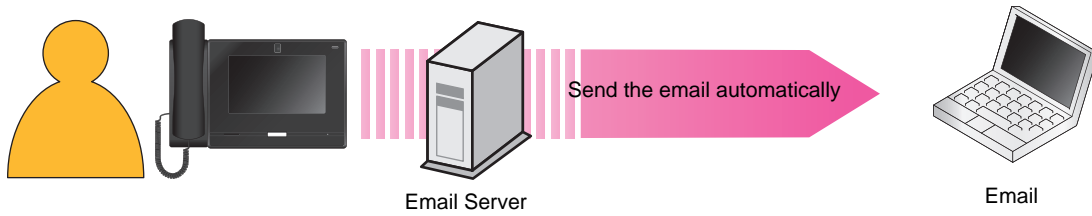
Email

Example of sending email:
When microSD card access errors are detected

| Source | △△△△@△△△△△.com |
|---|---|
| Date and time | 2021/11/20 7:22 AM |
| Destination CC | xxxx@xxxxx.com |
| Subject | 010090 Entrance Station 1 SD Card Error |
| Description | An SD Card Error occurred at [20211120 07:21:00].<br><br>Error Building Number: [01]<br>Error Unit Number: [009]<br>Error Station Number: [010090]<br>Error Station Name: [ Entrance Station 1] |

💡 **Note**

• "UTF-8" is used to encode the "Subject." Characters may display incorrectly depending on the email client. To avoid this, set the encoding method to "UTF-8."

# Configuring settings

Configure each setting.

*1.* Tap **[Settings]** on the Home screen.
   • The privileges selection screen will be shown.

*2.* Select the privileges to configure.
   • To configure using user privileges, tap **[User]** and proceed to Step 4.
   • To configure using administrator privileges, tap **[Admin]** and proceed to Step 3.

| Entry | Description |
|---|---|
| User | Some settings can be configured. |
| Admin | All settings can be configured.<br>The password must be entered. |

*3.* Enter the administrator password, and tap **[ENTER]**.
   Contact the system administrator for passwords.
   • The Settings (1/2) screen will be shown.

*4.* Tap the item to set.
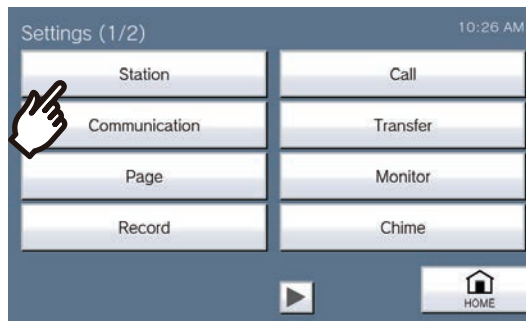


*5.* Configure the settings.
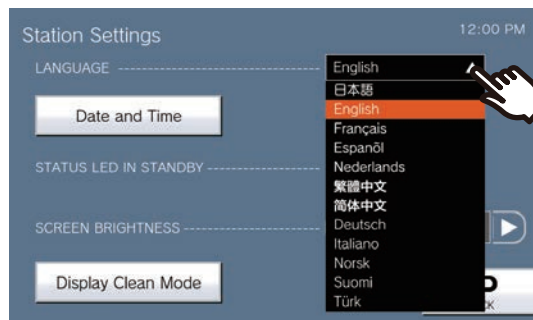


   • The settings will be saved when returning to the Setting screen.

     Depending on the settings, the setting will be saved when **[SELECT]**, ◀, or ▶ is tapped.
   • To exit Settings, use the **[HOME]** button, etc. to return to the Home screen.
   • If there is no operation approximately 1 minute, the station will return to the Home screen and no settings will be saved.

The following settings can be performed on the Settings screen.

| Entry | | Description | Settings | Default values |
|---|---|---|---|---|
| **Station** | | | | |
| LANGUAGE | | Configure the display language.<br>Changing the display language may cause the station name and other text to not display correctly. | • 日本語<br>• English<br>• Français<br>• Español<br>• Nederlands<br>• 繁體中文<br>• 简体中文<br>• Deutsch<br>• Italiano<br>• Norsk<br>• Suomi<br>• Türk | English |
| Date and Time | | | | |
| | DATE (YYYY/MM/DD) | Set the date for the station. | 2017/01/01 - 2065/12/31 | The date from 2020/01/01 with the time difference set in "Time Zone" applied |
| | TIME (24 HR) | Set the current time for the station. | 00:00-23:59 | The time from 00:00 with the time difference set in "Time Zone" applied |
| | DAYLIGHT SAVINGS TIME | The daylight saving time is set automatically according by region selected in "Time Zone." | • ON<br>• OFF | OFF |
| | Time Zone | Set the Time Zone. | Select from 99 regions | (GMT-08:00) Pacific Standard Time (US), Tijuana |
| STATUS LED IN STANDBY | | Select ON / OFF for the standby status LED. | • ON (light ON)<br>• OFF (light OFF) | ON |
| SCREEN BRIGHTNESS | | Set the brightness of the display. | 1 - 10 | 6 |
| Display Clean Mode | | Disable the touch screen to clean the screen.<br>The touch screen will be disabled for around 1 minute. | - | - |

| Entry | | | Description | Settings | Default values |
|---|---|---|---|---|---|
| **Call** | | | | | |
| Outgoing Call Setting 1 - Call Timer | | | | | |
| | CALL BUTTON | | Set the Call Timeout for outgoing call. When calling a VoIP phone, it will be the shorter time of the time set for "Call Timeout" and the call duration configured on the IP-PBX. | • 10 - 600 sec: Select to set between 10 and 600 sec (by 1 sec) <br><br>• ∞ (infinite): Keep calling until call is answered | 60 sec |
| | OPTION INPUT 1-4 | | Set the Call Timeout for outgoing call. When calling a VoIP phone, it will be the shorter time of the time set for "Call Timeout" and the call duration configured on the IP-PBX. | • 10 - 600 sec: Select to set between 10-600 sec (by 1 sec) <br><br>• ∞ (infinite): Keep calling until call is answered | 60 sec |
| Outgoing Call Setting 2 - Ringback Tone | | | | | |
| | Call Button | | | | |
| | | PLAY COUNT | Set the play count of ringback tone for outgoing call. | • 1-20 times <br>• ∞ (infinite): The ringback tone continues to play for the amount of time set in "Main unit operation call timer" and "Contact 1-4 call timer." | ∞ (infinite) |
| | | Ringback Tone | Select the sound to be played by the station when placing a call. | • None <br>• Call Pattern 1 <br>• Call Pattern 2 <br>• Call Pattern 3 <br>• Call Pattern 4 <br>• Call Pattern 5 <br>• Call Pattern 6 <br>• Tremolo Sound <br>• Busy Response Tone <br>• On Hold <br>• Operation Sound <br>• Error <br>• Pre Tone 1 <br>• Pre Tone 2 <br>• Pre Tone 3 <br>• Communication End Pretone <br>• Call Queue Notification <br>• Waiting Reply Tone <br>• Select a sound that is registered in IXG Support Tool. | Call Pattern 4 |

| Entry | | | Description | Settings | Default values |
|---|---|---|---|---|---|
| | Option Input 1-4 | | | | |
| | | PLAY COUNT | Set the play count of ringback tone for outgoing call. | • 1-20 times<br>• ∞ (infinite): The ringback tone continues to play for the amount of time set in "Main unit operation call timer" and "Contact 1-4 call timer." | ∞ (infinite) |
| | | Ringback Tone | Select the sound to be played by the station when placing a call. | • None<br>• Call Pattern 1<br>• Call Pattern 2<br>• Call Pattern 3<br>• Call Pattern 4<br>• Call Pattern 5<br>• Call Pattern 6<br>• Tremolo Sound<br>• Busy Response Tone<br>• On Hold<br>• Operation Sound<br>• Error<br>• Pre Tone 1<br>• Pre Tone 2<br>• Pre Tone 3<br>• Communication End Pretone<br>• Call Queue Notification<br>• Waiting Reply Tone<br>• Select a sound that is registered in IXG Support Tool. | Call Pattern 4 |
| Incoming Call Setting 1 - Ringtone Count | | | | | |
| | CALL BUTTON | | Set the play count of ringtone for incoming call. | • ∞ (infinite): Keep ringing until the call is answered or canceled.<br>• 1-20 times | ∞ (infinite) |
| | OPTION INPUT | | Set the play count of ringtone for incoming call. | • ∞ (infinite): Keep ringing until the call is answered or canceled.<br>• 1-20 times | ∞ (infinite) |

| Entry | | | Description | Settings | Default values |
|---|---|---|---|---|---|
| Incoming Call Setting 2 - Ringtone | | | | | |
| | Call Button | | | | |
| | | Ringtone settings | Select the ringtone for incoming call. Ringtone can be set per each source station. | • None<br>• Call Pattern 1<br>• Call Pattern 2<br>• Call Pattern 3<br>• Call Pattern 4<br>• Call Pattern 5<br>• Call Pattern 6<br>• Tremolo Sound<br>• Busy Response Tone<br>• On Hold<br>• Operation Sound<br>• Error<br>• Pre Tone 1<br>• Pre Tone 2<br>• Pre Tone 3<br>• Communication End Pretone<br>• Call Queue Notification<br>• Waiting Reply Tone<br>• Select a sound that is registered in IXG Support Tool. | Call Pattern 1 |
| | Option Input | | | | |
| | | Ringtone settings | Select the ringtone for incoming call. Ringtone can be set per each source station. | • None<br>• Call Pattern 1<br>• Call Pattern 2<br>• Call Pattern 3<br>• Call Pattern 4<br>• Call Pattern 5<br>• Call Pattern 6<br>• Tremolo Sound<br>• Busy Response Tone<br>• On Hold<br>• Operation Sound<br>• Error<br>• Pre Tone 1<br>• Pre Tone 2<br>• Pre Tone 3<br>• Communication End Pretone<br>• Call Queue Notification<br>• Waiting Reply Tone<br>• Select a sound that is registered in IXG Support Tool. | Call Pattern 2 |

| Entry | | Description | Settings | Default values |
|---|---|---|---|---|
| Incoming Call Setting 3 | | | | |
| | AUTO ANSWER | Select ON / OFF to automatically answer the individual call. AUTO ANSWER: this function answers automatically when an incoming call is received. Calls from VoIP phones and transferred calls are not automatically answered. | • ON (Auto Answer) • OFF (No Auto Answer) | OFF |
| Communication | | | | |
| COMMUNICATION TIMER | | Set the communication timer when placing a call. Communication timer when receiving a call is set at the destination station. • Call duration when making an outgoing call from this station. • Call duration when answering a page. When communicating with a VoIP phone with a different call duration, the call will last for either this time or the call duration set on the IP-PBX, whichever is shorter. | • 30 - 600 seconds: Configure between 30 to 600 sec (by 1 sec). • ∞ (infinite): The call will continue until the call is ended. | 60 sec |
| FORCE TOUCH-TO-TALK | | Select Enable / Disable for Force Touch-to-Talk when starting communication in handsfree mode. | • ON • OFF | OFF |
| Transfer*1*6 | | | | |
| Absent Transfer | | An incoming call can be automatically transferred to the transfer destination if it is received while absent transfer is set. | • ON (absent transfer enabled) • OFF (absent transfer disabled) | OFF |
| | Absent Transfer Settings | Select Enable / Disable for Absent Transfer. If "How to configure Absent Transfer settings (→page 91)" is not configured, this cannot be set to "ON." The setting can also be changed with the TRANSFER button on the station. | - | - |

| Entry | | | Description | Settings | Default values |
|---|---|---|---|---|---|
| Delay Transfer | | | An incoming call can be automatically transferred to the transfer destination if it is received when delay transfer is set and not answered over a certain period of time (Delay Time). | • ON (delay transfer enabled)<br>• OFF (delay transfer disabled) | OFF |
| | Delay Transfer Settings | | Select Enable / Disable for Delay Transfer.<br>If "How to configure Delay Transfer settings (→page 92)" is not configured, this cannot be set to "ON." | - | - |
| | DELAY TIMER | | Set the delay time between receiving and transferring a call. | 1-300 sec (by 1 sec) | 30 sec |
| Schedule Transfer | | | An incoming call can be automatically transferred to the transfer destination, if an incoming call is received during the time configured in the weekly schedule or daily schedule. | • ON (schedule transfer enabled)<br>• OFF (schedule transfer disabled) | OFF |
| | Daily Schedule | | Select Enable / Disable for Schedule Transfer.<br>If "How to configure Schedule Transfer (Daily Schedule) (→page 94)" is not configured, this cannot be set to "ON." | - | - |
| | | START | Set the Start Time to enable schedule transfer. | 00:00 - 23:59 | - |
| | | END | Set the End Time to disable schedule transfer. If this is set earlier than "Start Time," End will be for the following day. | 00:00 - 23:59 | - |
| | Weekly Schedules | | Select Enable / Disable for Schedule Transfer.<br>If "How to configure Schedule Transfer (Weekly Schedule) (→page 96)" is not configured, this cannot be set to "ON." | - | - |
| | | START | Set the Start Time to enable schedule transfer. | 00:00 - 23:59 | - |
| | | END | Set the End Time to disable schedule transfer. If this is set earlier than "Start Time," End will be for the following day. | 00:00 - 23:59 | - |

| Entry | Description | Settings | Default values |
|---|---|---|---|
| LOCK TRANSFER SETTINGS (administrator account only) | Select ON / OFF to Lock Transfer function. When set to "ON", transfer function cannot be changed by user account. | • ON (Cannot be configured with user account)<br>• OFF (Can be configured with user account) | OFF |
| **Page** | | | |
| PAGE TIMER | Set the time for outgoing paging duration. | 10 - 600 sec (by 1 sec) | 30 sec |
| URGENT PAGE RESPONSE (administrator privileges only) | Configure whether to refuse communication or ending operations on the destination station, when an urgent page is sent. Urgent message pages and urgent external input pages cannot be refused. | • ON (refuse)<br>• OFF (do not refuse) | ON |
| **Monitor** | | | |
| MONITOR TIMER | Set the monitoring timer by station. Scan Monitor must be end manually.<br>Scan monitoring will not end unless end operations are performed.<br><br>Scan monitoring:<br>A function that monitors the following stations by automatically switching in intervals.<br>• Entrance Station<br>• Door Stations of outside areas<br>• Door Stations of the same room<br>• Network Camera | • 10 - 600 sec: Configure between 10 and 600 sec (by 1 sec).<br><br>• ∞ (infinite): No timeout. | 60 sec |
| SCAN MONITOR DWELL TIME | Set the dwell time to change destination for scan monitor. | • 5 sec<br>• 10 sec<br>• 30 sec | 5 sec |
| Scan Monitor Settings | Configure the stations and network cameras to perform scan monitoring. Refer to "How to configure Scan Monitoring (→page 99)" for information on how to configure this. | - | - |

| Entry | Description | Settings | Default values |
|---|---|---|---|
| Record*2 | | | |
| MANUAL RECORD | Select ON / OFF for manual recording. | • ON<br>• OFF | ON |
| TRIGGER EVENT | Configure the trigger in use to start recording video/audio automatically. | Select from the following. (Multiple selections allowed)<br>• Call: Record start when station receives Incoming Call. If a call is automatically answered, recording will start when communication starts.<br>• Communication: Recording starts when communication begins.<br>• Monitor: Recording starts when monitoring begins. Recording is not possible during Scan Monitor.<br><br>Note:<br>If "Record Event" is set to "Incoming Call" and multiple calls are received, video/audio is recorded from the first call. Other calls will begin video/audio recording when the first calls ends or when the call is answered. | Not selected |
| RECORD TIMER | Set the recording duration when the event trigger has occurred. | • Disable: Does not stop until the operating status ends or the record button is tapped.<br>• 5 sec<br>• 10 sec<br>• 30 sec | Disable |
| PREVENT OVERWRITE | Set prevent overwriting the old recorded file, when the number of saved video/audio files or microSD card capacity space is full. | • ON (do not overwrite)<br>• OFF (overwrite) | OFF |

| Entry | | Description | Settings | Default values |
|---|---|---|---|---|
| **Chime** | | | | |
| Daily Schedule | | Configure settings related to chimes ("Configuring the station sound a tone on a schedule (→page 69)") by date. Refer to "How to configure Chime Settings (Daily Schedule) (→page 100)" for information on how to configure this. | - | - |
| | CHIME | Set the sound for chime. | • None<br>• Call Pattern 1<br>• Call Pattern 2<br>• Call Pattern 3<br>• Call Pattern 4<br>• Call Pattern 5<br>• Call Pattern 6<br>• Tremolo Sound<br>• Busy Response Tone<br>• On Hold<br>• Operation Sound<br>• Error<br>• Pre Tone 1<br>• Pre Tone 2<br>• Pre Tone 3<br>• Communication End Pretone<br>• Call Queue Notification<br>• Waiting Reply Tone<br>• Select a sound that is registered in IXG Support Tool. | None |
| | TIME | Configure the time to begin playing the chime tone. | 00:00 - 23:59 | - |
| Weekly Schedules | | Configure settings related to chimes ("Configuring the station sound a tone on a schedule (→page 69)") by the day of the week. Refer to "How to configure Chime Settings (Weekly Schedule) (→page 102)" for information on how to configure this. | - | - |

| Entry | | Description | Settings | Default values |
|---|---|---|---|---|
| | CHIME | Set the sound for chime. | • None<br>• Call Pattern 1<br>• Call Pattern 2<br>• Call Pattern 3<br>• Call Pattern 4<br>• Call Pattern 5<br>• Call Pattern 6<br>• Tremolo Sound<br>• Busy Response Tone<br>• On Hold<br>• Operation Sound<br>• Error<br>• Pre Tone 1<br>• Pre Tone 2<br>• Pre Tone 3<br>• Communication End Pretone<br>• Call Queue Notification<br>• Waiting Reply Tone<br>• Select a sound that is registered in IXG Support Tool. | None |
| | TIME | Set the Time to ring Chime. | 00:00 - 23:59 | - |
| **Relay Output (administrator privileges only)** | | | | |
| **Relay Output 1*3** | | | | |
| | FUNCTION | Select the function of the Relay Output. | • None<br>• Status Output: relay output according to the station operation. It continues to output the setting while operating. Refer to "How to configure the Status Output (→page 104)" for the configuration method.<br>• Door Release: relay output which links to operation of the door release button on this or another station and door release key entry via keypad operation. Refer to "How to configure Door Release settings (→page 105)" for the configuration method. If the door release is activated by a door release operation on another station, it will not run unless the "Code" is set. Be sure to set the "Code" from the IXG Support Tool. | None |

| Entry | | | Description | Settings | Default values |
|---|---|---|---|---|---|
| | | Door Release settings | | | |
| | | RANGE | Set the output time range for relay output. | • 200 to 2,000 msec: select to set a time between 200 and 2,000 msec (in units of 200 msec). <br>• 3 to 600 sec: select to set a time between 3 and 600 sec (in units of 1 sec). | 200 to 2,000 msec |
| | | TIMER | Set the Output Time for relay output. | - | 400 msec |
| | OPTION RELAY CONTROL | | Enable/disable this item when controlling a relay output on another station with this station's Speed Dials. When set to "Enable," it can control the relay output as an Option Relay Control. Even if it is set to "Enable," it will not run unless the "Option Relay Control Key" is set. Be sure to set the "Option Relay Control Key" using the IXG Support Tool. | • Enable <br>• Disable | Disable |

| Entry | | | Description | Settings | Default values |
|---|---|---|---|---|---|
| Relay Output 2*3 | | | | | |
| | FUNCTION | | Select the function of the Relay Output. | • None<br>• Status Output: relay output according to the station operation. It continues to output the setting while operating. Refer to "How to configure the Status Output (→page 104)" for the configuration method.<br>• Door Release: relay output which links to operation of the door release button on this or another station and door release key entry via keypad operation. Refer to "How to configure Door Release settings (→page 105)" for the configuration method. If the door release is activated by a door release operation on another station, it will not run unless the "Code" is set. Be sure to set the "Code" from the IXG Support Tool. | None |
| | | Door Release settings | | | |
| | | RANGE | Set the output time range for relay output. | • 200 to 2,000 msec: select to set a time between 200 and 2,000 msec (in units of 200 msec).<br>• 3 to 600 sec: select to set a time between 3 and 600 sec (in units of 1 sec). | 200 to 2,000 msec |
| | | TIMER | Set the Output Time for relay output. | - | 400 msec |

| Entry | | | Description | Settings | Default values |
|---|---|---|---|---|---|
| | OPTION RELAY CONTROL | | Enable/disable this item when controlling a relay output on another station with this station's Speed Dials. When set to "Enable," it can control the relay output as an Option Relay Control. Even if it is set to "Enable," it will not run unless the "Option Relay Control Key" is set. Be sure to set the "Option Relay Control Key" using the IXG Support Tool. | • Enable<br>• Disable | Disable |
| Relay Output 1 Schedule | | | | - | - |
| | Daily Schedule | | Configure the schedule to perform relay output. Refer to "How to configure Relay Output Schedule (Daily Schedule) (→page 106)" for information on how to configure this. | - | - |
| | | Start | Set the time to start the relay output. | 00:00 - 23:59 | - |
| | | End | Set the time to end the relay output. If this is set earlier than "Start," the end time will be for the following day. | 00:00 - 23:59 | - |
| | Weekly Schedules | | Configure the schedule to perform relay output. Refer to "How to configure Relay Output Schedule (Weekly Schedule) (→page 108)" for information on how to configure this. | - | - |
| | | Start | Set the time to start the relay output. | 00:00 - 23:59 | - |
| | | End | Set the time to end the relay output. If this is set earlier than "Start," the end time will be for the following day. | 00:00 - 23:59 | - |

| Entry | | | Description | Settings | Default values |
|---|---|---|---|---|---|
| Relay Output 2 Schedule | | | | - | - |
| | Daily Schedule | | Configure the schedule to perform relay output. Refer to "How to configure Relay Output Schedule (Daily Schedule) (→page 106)" for information on how to configure this. | - | - |
| | | Start | Set the time to start the relay output. | 00:00 - 23:59 | - |
| | | End | Set the time to end the relay output. If this is set earlier than "Start," the end time will be for the following day. | 00:00 - 23:59 | - |
| | Weekly Schedules | | Configure the schedule to perform relay output. Refer to "How to configure Relay Output Schedule (Weekly Schedule) (→page 108)" for information on how to configure this. | - | - |
| | | Start | Set the time to start the relay output. | 00:00 - 23:59 | - |
| | | End | Set the time to end the relay output. If this is set earlier than "Start," the end time will be for the following day. | 00:00 - 23:59 | - |
| **Volume** | | | | | |
| HANDS-FREE RECEIVE | | | Set the hands-free receive volume while communicating and paging. Also sets ringback tone volume. | 1 - 10 | 6 |
| HANDS-FREE TRANSMIT | | | Set the hands-free transmit volume while communicating and paging. | 1 - 10 | 10 |
| HANDSET RECEIVE | | | Set the receive volume using handset while communicating. Also sets ringback tone volume. | 1 - 10 | 6 |
| HANDSET TRANSMIT | | | Set the transmit volume using handset while communicating and paging. | 1 - 10 | 10 |
| HEADSET JACK RECEIVE | | | Set the receive volume using the headset jack. | 1 - 10 | 6 |
| HEADSET JACK TRANSMIT | | | Set the transmit volume while communicating and being monitored. | 1 - 10 | 10 |

| Entry | | | Description | Settings | Default values |
|---|---|---|---|---|---|
| RINGTONE | | | Select the volume for Ringtone and Paging Pretone. The ringtone will sound at that volume each time the setting value is changed. | 0: Mute, 1 - 10 | 6 |
| BUTTON FEEDBACK | | | Select Enable / Disable for Button Feedback tone. | • ON<br>• OFF | ON |
| **Speed Dial*4** | | | | | |
| Favorites 1 to 8 | | | | | |
| | Call | | Assign the calling function to the Speed Dial button. Refer to "How to configure Speed Dial Settings (→page 110)" for how to configure this. | - | - |
| | Page | | Assign the paging function to the Speed Dial button. Refer to "How to configure Speed Dial Settings (→page 110)" for how to configure this. | - | - |
| | | Play Count | Set the play count of the message set in "Name." (Only for Message Page) | 1-20 times | 1 time |
| | | Name | Select the message (audio file) to send during message paging. | • Call Pattern 1<br>• Call Pattern 2<br>• Call Pattern 3<br>• Call Pattern 4<br>• Call Pattern 5<br>• Call Pattern 6<br>• Tremolo Sound<br>• Busy Response Tone<br>• On Hold<br>• Operation Sound<br>• Error<br>• Pre Tone 1<br>• Pre Tone 2<br>• Pre Tone 3<br>• Communication End Pretone<br>• Call Queue Notification<br>• Waiting Reply Tone<br>• Select a sound that is registered in IXG Support Tool. | - |

| Entry | | | Description | Settings | Default values |
|---|---|---|---|---|---|
| | Monitor | | Assign the monitoring or scan monitoring function to the Speed Dial button. Scan monitoring cannot be assigned unless scan monitoring is configured in "Monitor (→page 79)". Refer to "How to configure Speed Dial Settings (→page 110)" for how to configure this. | - | - |
| | Relay Control | | Assign optional relay (a function that controls the output terminal of another station) to the Speed Dial button. Refer to "How to configure Speed Dial Settings (→page 110)" for how to configure this. | - | - |
| | | RANGE | Set the Output Time Range for relay output. | • Momentary: The relay continues to output when the Speed Dial button is pressed. Pressing the Speed Dial button again stops relay output. <br> • 200 to 2000 msec: Select this to set a time between 200 and 2000 msec (by 200 msec). Select when setting (in units of 200 msec). <br> • 3 to 600 sec: select to set a time between 3 and 600 sec (in units of 1 sec). | Momentary |
| | | TIMER | Set the Output Time for relay output. | - | - |
| | | Set Destination | Select the station to control. | - | - |
| | Edit Name | | Set the name of the Speed Dial button. | 1-24 alphanumeric characters (Configure "Button Name" of the IXG Support Tool Settings if inputting full-width characters.) The set name is displayed on the Speed Dial. The entire name may not be displayed, depending on the type of Home screen and number of characters. | - |

| Entry | Description | Settings | Default values |
|---|---|---|---|
| **Factory Reset*5** | | | |
| Default User Settings | The data that can be configured on the screen will be initialized. Settings restricted under administrator privileges will not be initialized. The Incoming/Outgoing/Missed calls history will also be cleared. | - | - |
| Factory Reset (administrator privileges only) | All settings will be initialized, and the system log and Incoming/Outgoing/ Missed calls history will be cleared. | - | - |

*1    If "LOCK TRANSFER SETTINGS" is set to "ON" in administrator privileges settings, this cannot be configured under user privileges.

*2    Video/audio cannot be recorded even if configured if no microSD card is inserted. Refer to "About microSD card (→page 25)" for details.

*3    The relay output can be set to "FUNCTION," "OPTION RELAY CONTROL," and "Relay Output X Relay Output Schedule Setting," and overlapping settings can be configured for each relay output. When multiple operations occur for one relay output, the operation which ran last is prioritized.

*4    This is an administrator privileges setting. If configuring the Speed Dial buttons is restricted, this cannot be configured under user privileges.

*5    When **[Factory Reset]** is selected and the settings are initialized, it may take around 10 minutes to finish restarting. The station cannot be used until it has finished restarting.
The recording files saved to the microSD card are not erased. To erase the recording files, erase them from the history(→page 30).

*6    When an incoming call is received from a VoIP phone, the call will be received without transferring even when transfer is set. To transfer the call, configure the transfer setting on the IP-PBX.
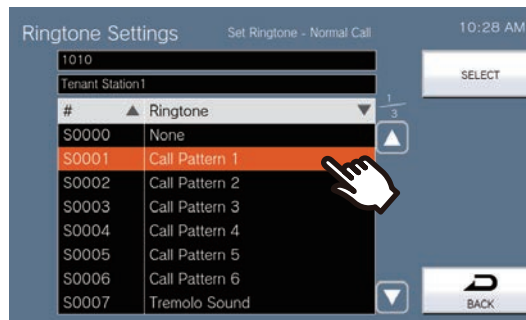
# How to configure the Ringtone

Refer to "Configuring settings (→page 72)" for how to display the setting screens.

*1.* Tap **[Call Button]** or **[Option Input]** on the Call Settings (4/5) screen.
  • The Ringtone Settings screen will be shown.

*2.* Tap the source station to change the ringtone.
  • If the source station is in another building, tap **[SELECT BUILDING]** first, and select the building.
  • Refer to "Searching for stations (→page 29)" to search for stations.
  • Tap **[DIAL]** to specify from Station Number. Refer to "Selecting / Choosing / Calling by Number (→page 27)" for specification methods.
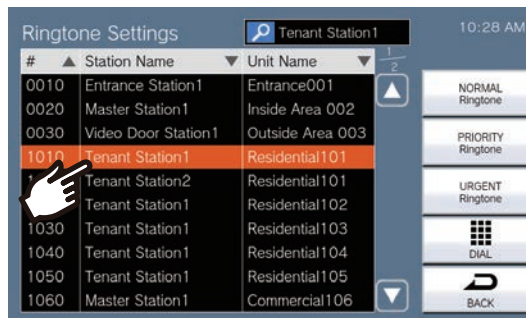


*3.* Select the call priority from **[NORMAL Ringtone]**, **[PRIORITY Ringtone]**, and **[URGENT Ringtone]**, and tap.
  • The selected ringtone will continue to play.

*4.* Tap the ringtone to set.



*5.* Tap **[SELECT]**.
  • The settings will be saved.

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# How to configure Absent Transfer settings

> ⚠️ **Important**
>
> • Do not configure multiple VoIP phones as transfer destinations. If multiple VoIP phones are configured, calls will be transferred to only one VoIP phone.

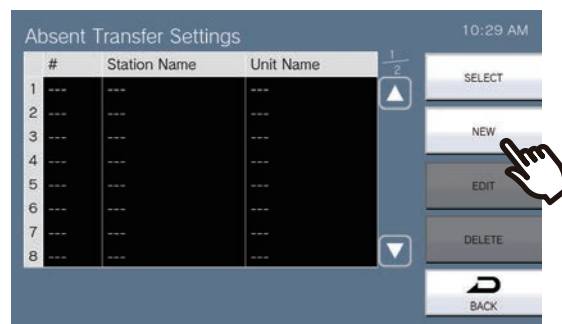Refer to "Configuring settings (→page 72)" for how to display the setting screens.

*1.* On the Transfer Settings screen, tap **[Absent Transfer]**.
   • The Absent Transfer Settings screen will be shown.

*2.* Tap **[NEW]** to configure the transfer destination unit.
   To configure a retransfer destination, tap the "Re" row on page 2/2 and tap **[EDIT]**.
   * Up to 1 unit can be configured for the transfer destination. 1 station can be configured for the re-transfer (i.e. transfer a transferred call) destination.
   • To change a registered transfer destination, tap the destination to change, and tap **[EDIT]**.
   • To delete a registered transfer destination, tap the destination to delete, and then tap **[DELETE]**.
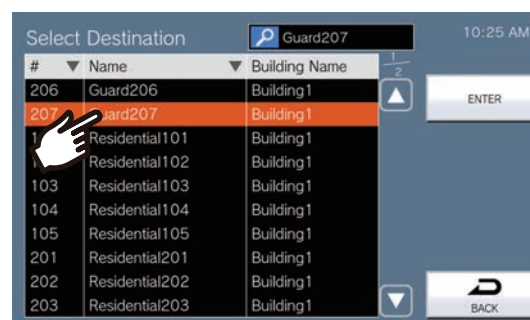
   • The Select Destination screen will be shown.

*3.* Tap the unit or station to configure as a transfer destination.
   * If specifying units or stations in other buildings, tap **[SELECT BUILDING]** first, and select a building.
   * Refer to "Searching for stations (→page 29)" to search for units and stations.

*4.* Tap **[ENTER]**.
   • The Absent Transfer Settings screen will be shown.
   * Stations of the room set as the transfer destination are displayed in rows No. 1 to 10 (left-side column of the transfer destination station list), and the station set as the retransfer destination is displayed in the "Re" row.

*5.* Tap **[SELECT]**.
   • The settings will be saved.

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# How to configure Delay Transfer settings

> **❶ Important**
>
> • Do not configure multiple VoIP phones as transfer destinations. If multiple VoIP phones are configured, calls will be transferred to only one VoIP phone.

Refer to <u>"Configuring settings (→page 72)"</u> for how to display the setting screens.

***1.*** On the Transfer Settings screen, tap **[Delay Transfer]**.
  • The Delay Transfer Settings screen will be shown.

***2.*** Tap **[NEW]** to configure the transfer destination unit.
  To configure a retransfer destination, tap the "Re" row on page 2/2 and tap **[EDIT]**.
  * Up to 1 unit can be configured for the  transfer destination. 1 station can be configured for the re-transfer (i.e. transfer a transferred call) destination.
   • To change a registered transfer destination, tap the destination to change, and tap **[EDIT]**.
   • To delete a registered transfer destination, tap the destination to delete, and then tap **[DELETE]**.
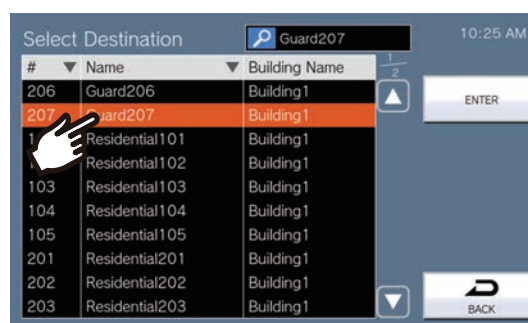


    • The Select Destination screen will be shown.

***3.*** Tap the unit or station to configure as a transfer destination.
  * If specifying units or stations in other buildings, tap **[SELECT BUILDING]** first, and select a building.
  * Refer to <u>"Searching for stations (→page 29)"</u> to search for units and stations.
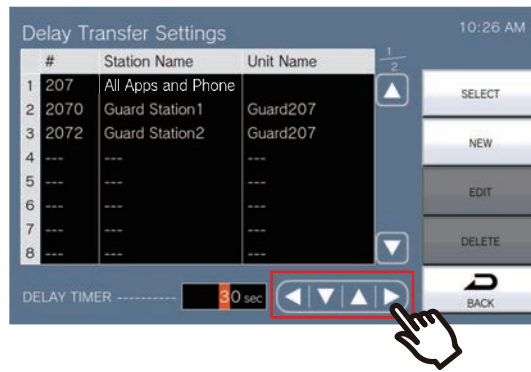


***4.*** Tap **[ENTER]**.
   • The Delay Transfer Settings screen will be shown.
  * Stations of the room set as the transfer destination are displayed in rows No. 1 to 10 (left-side column of the transfer destination station list), and the station set as the retransfer destination is displayed in the "Re" row.

**5.** Set the DELAY TIMER.



**6.** Tap **[SELECT]**.
• The settings will be saved.

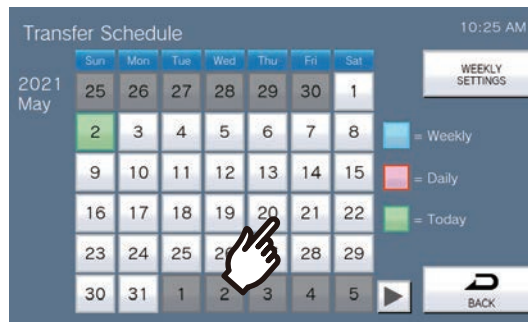# How to configure Schedule Transfer (Daily Schedule)

---

**❗ Important**

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• Do not configure multiple VoIP phones as transfer destinations. If multiple VoIP phones are configured, calls will be transferred to only one VoIP phone.

---

Set the schedule transfer destination and time for each day. Schedules can be configured up to one year from the current date, and 24 schedules can be set for each day.
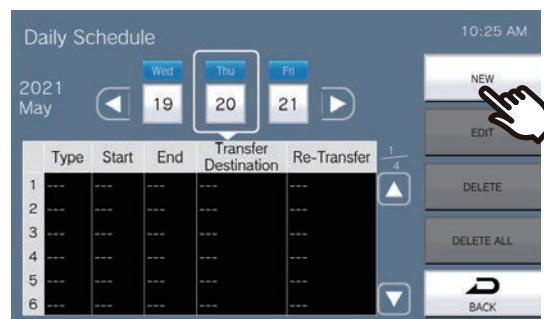Refer to "Configuring settings (→page 72)" for how to display the setting screens.

*1.* On the Transfer Settings screen, tap **[Schedule Transfer]**.
  • The Transfer Schedule screen will be shown. It may take some time for the schedule to be displayed.

*2.* Tap the day to set a schedule.



  • The Daily Schedule screen will be shown for the day that was tapped.

*3.* Tap **[NEW]**.
  * To change a registered schedule, tap the row to change, and tap **[EDIT]**.
  * To delete a registered schedule, tap the row to delete, and tap **[DELETE]**.
  * To delete all daily schedules for the displayed day, tap **[DELETE ALL]**.
  * Change or delete "Weekly" type schedules as described in "How to configure Schedule Transfer (Weekly Schedule) (→page 96)".
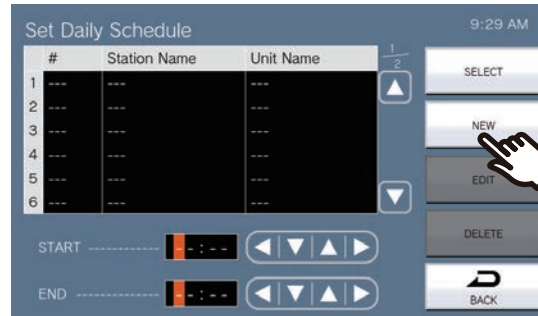


  • The Set Daily Schedule screen will be shown.

**4.** Tap **[NEW]** to configure the transfer destination unit.
To configure a retransfer destination, tap the "Re" row on page 2/2 and tap **[EDIT]**.
* Up to 1 unit can be configured for the transfer destination. 1 station can be configured for the re-transfer (i.e. transfer a transferred call) destination.
 • To change a registered transfer destination, tap the destination to change, and tap **[EDIT]**.
 • To delete a registered transfer destination, tap the destination to delete, and then tap **[DELETE]**.
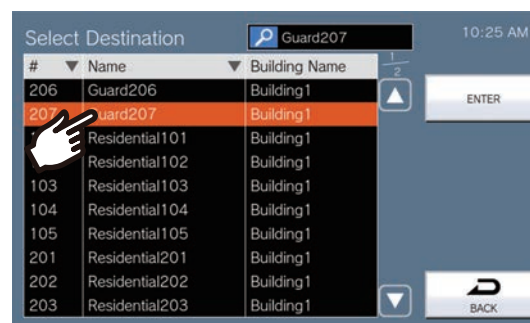


 • The Select Destination screen will be shown.

**5.** Tap the unit or station to configure as a transfer destination.
* If specifying units or stations in other buildings, tap **[SELECT BUILDING]** first, and select a building.
* Refer to "Searching for stations (→page 29)" to search for units and stations.



**6.** Tap **[ENTER]**.
 • The Set Daily Schedule screen will be shown.
* Stations of the room set as the transfer destination are displayed in rows No. 1 to 10 (left-side column of the transfer destination station list), and the station set as the retransfer destination is displayed in the "Re" row.

**7.** Configure the start time and end time.



**8.** Tap **[SELECT]**.
 • The settings will be saved.

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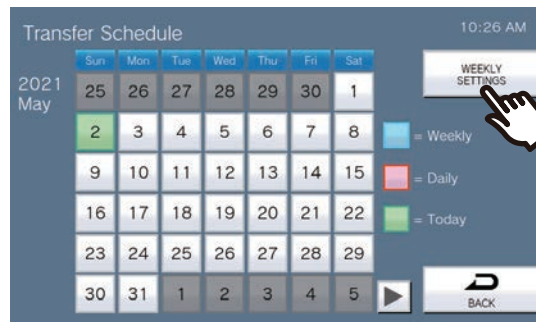# How to configure Schedule Transfer (Weekly Schedule)

> ⓘ **Important**
>
> • Do not configure multiple VoIP phones as transfer destinations. If multiple VoIP phones are configured, calls will be transferred to only one VoIP phone.

Set the transfer destination and time for each day of the week from Sunday through Saturday. Up to 12 schedules can be set for each day of the week.
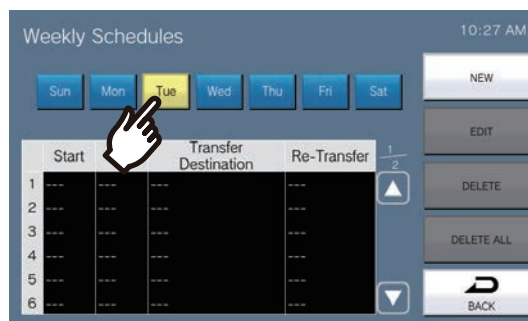Refer to "Configuring settings (→page 72)" for information on how to display the setting screens.

**1.**  On the Transfer Settings screen, tap **[Schedule Transfer]**.
  • The Transfer Schedule screen will be shown. It may take some time for the schedule to be displayed.

**2.**  Tap **[WEEKLY SETTINGS]**.



  • The Weekly Schedules screen will be shown.

**3.**  Tap the day of the week to configure transferring.

**4.**   Tap **[NEW]**.

* To change a registered schedule, tap the row to change, and tap **[EDIT]**.
* To delete a registered schedule, tap the row to delete, and tap **[DELETE]**.
* To delete all weekly schedules for the displayed day, tap **[DELETE ALL]**.
 • The Set Weekly Schedule screen will be shown.

**5.**   Tap **[NEW]** to configure the transfer destination unit.

To configure a retransfer destination, tap the "Re" row on page 2/2 and tap **[EDIT]**.
* Up to 1 unit can be configured for the  transfer destination. 1 station can be configured for the re-transfer (i.e. transfer a transferred call) destination.
 • To change a registered transfer destination, tap the destination to change, and tap **[EDIT]**.
 • To delete a registered transfer destination, tap the destination to delete, and tap **[DELETE]**.
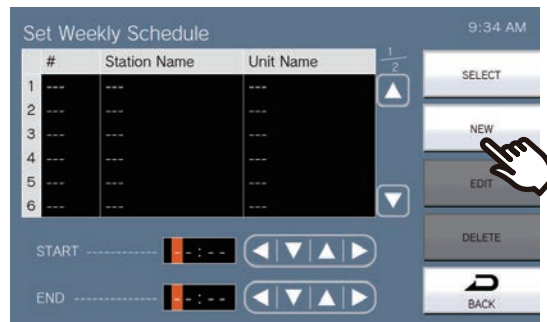


 • The Select Destination screen will be shown.

**6.**   Tap the unit or station to configure as a transfer destination.

* If specifying units or stations in other buildings, tap **[SELECT BUILDING]** first, and select a building.
* Refer to "Searching for stations (→page 29)" to search for units and stations.
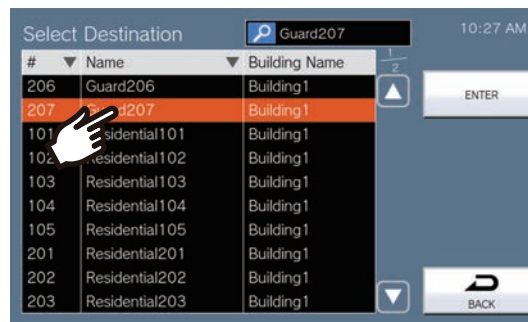


**7.**   Tap **[ENTER]**.

 • The Set Weekly Schedule screen will be shown.
* Stations of the room set as the transfer destination are displayed in rows No. 1 to 10 (left-side column of the transfer destination station list), and the station set as the retransfer destination is displayed in the "Re" row.

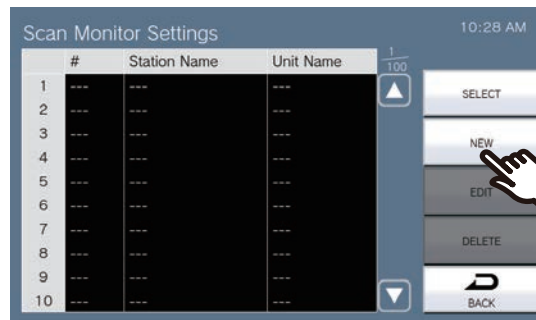**8.** Configure the start time and end time.
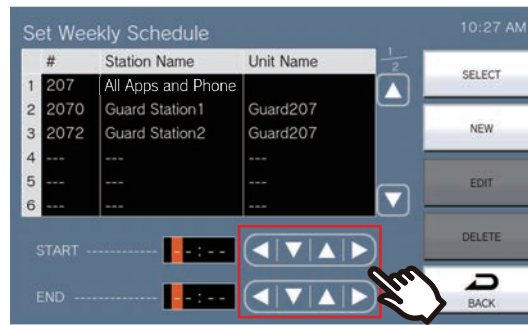


**9.** Tap **[SELECT]**.
   • The settings will be saved.

# How to configure Scan Monitoring

Refer to "Configuring settings (→page 72)" for information on how to display the setting screens.

*1.* Tap **[Scan Monitor Settings]** on the Monitor Settings screen.
• The Scan Monitor Settings screen will be shown.

*2.* Tap **[NEW]** and configure the stations and network cameras to perform scan monitoring.
• To change a registered station or network camera that performs scan monitoring, tap the station to change, and tap **[EDIT]**.
• To delete a registered station or network camera that performs scan monitoring, tap the station to delete, and tap **[DELETE]**.



• The Scan Monitor Stations screen will be shown.

*3.* Tap the stations and network cameras to perform scan monitoring.
• Refer to "Searching for stations (→page 29)" to search for stations.



*4.* Tap **[ENTER]**.
• The Scan Monitor Settings screen will be shown.

*5.* Tap **[SELECT]**.
• The settings will be saved.

# How to configure Chime Settings (Daily Schedule)

Configure the chime tone start time and the chime tone, for each day. One year from the set day can be configured. 100 schedules can be set for each day.
Refer to "Configuring settings (→page 72)" for how to display the setting screens.

*1.* On the Chime Schedule screen, tap the day to configure a schedule.
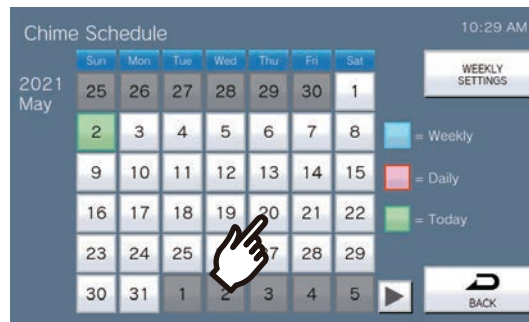


• The Daily Schedule screen will be shown.

*2.* Tap **[NEW]**.
* To change a registered schedule, tap the row to change, and tap **[EDIT]**.
* To delete a registered schedule, tap the row to delete, and tap **[DELETE]**.
* To delete all daily schedules for the displayed day, tap **[DELETE ALL]**.
* Change or delete "Weekly" type schedules as described in "How to configure Chime Settings (Weekly Schedule) (→page 102)".
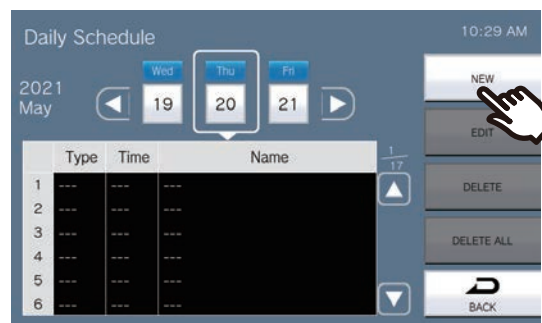


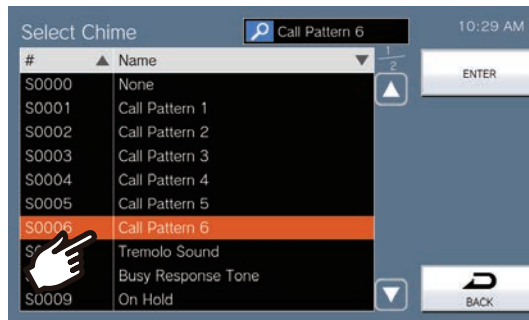• The Set Schedule screen will be shown.

*3.* Tap **[EDIT]**.



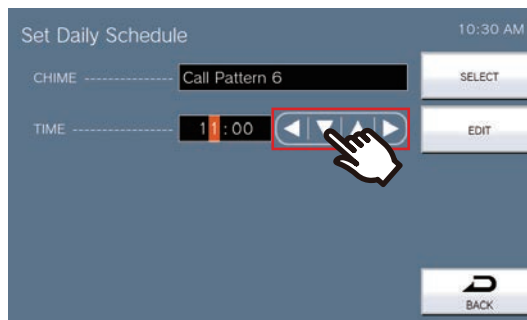• The Select Chime screen will be shown.

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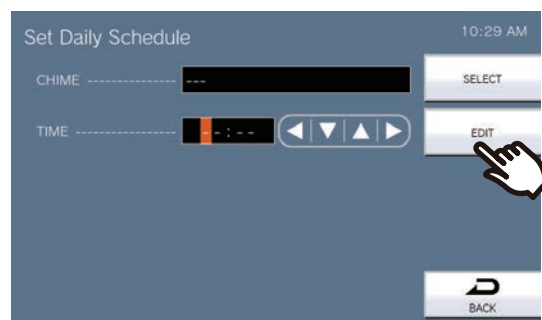
**4.** Tap the chime tone to play.

   • Refer to "Searching for stations (→page 29)" to search chime tones.



**5.** Tap **[ENTER]**.

   • The Set Schedule screen will be shown.

**6.** Configure the start time.



**7.** Tap **[SELECT]**.

   • The settings will be saved.

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# How to configure Chime Settings (Weekly Schedule)

Configure the chime tone start time and the chime tone for each day of the week from Sunday through Saturday. 50 schedules can be configured for each day of the week.
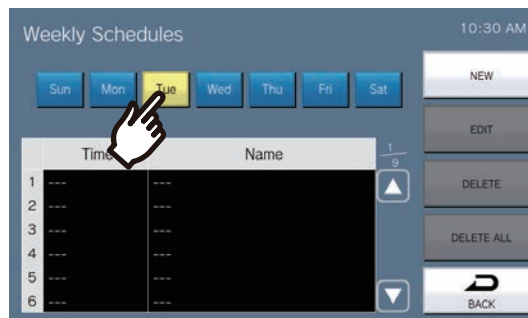Refer to "Configuring settings (→page 72)" for how to display the setting screens.

*1.* On the Chime Schedule screen, tap **[WEEKLY SETTINGS]**.



• The Weekly Schedules screen will be shown.

*2.* Tap the day of the week to configure the chime.



*3.* Tap **[NEW]**.
* To change a registered schedule, tap the row to change, and tap **[EDIT]**.
* To delete a registered schedule, tap the row to delete, and tap **[DELETE]**.
* To delete all weekly schedules for the displayed day, tap **[DELETE ALL]**.
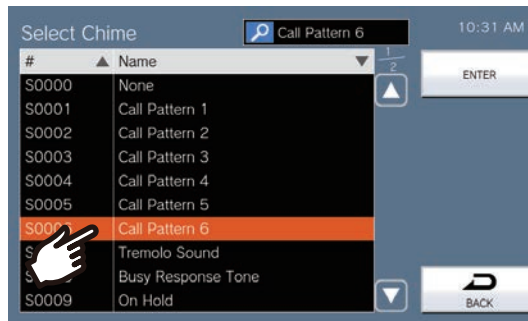• The Set Schedule screen will be shown.

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**4.** Tap **[EDIT]**.
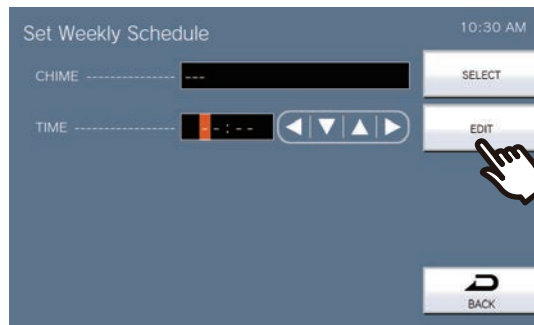


• The Select Chime screen will be shown.
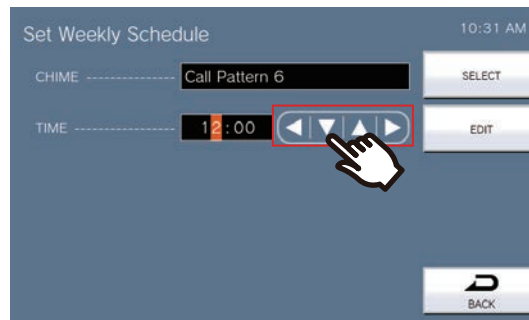
**5.** Tap the chime tone to play.
*Refer to "Searching for stations (→page 29)" to search chime tones.



**6.** Tap **[ENTER]**.
• The Set Schedule screen will be shown.
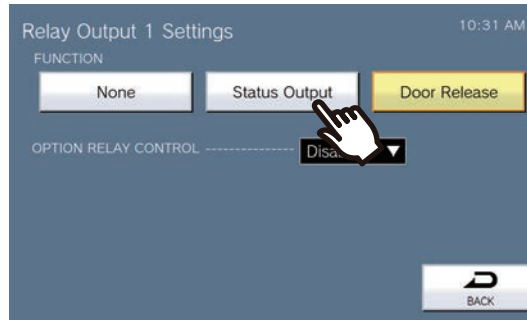
**7.** Configure the start time.



**8.** Tap **[SELECT]**.
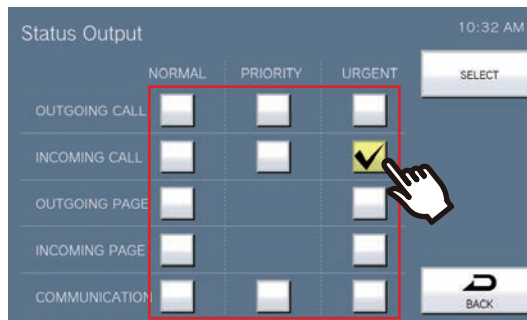• The settings will be saved.

# How to configure the Status Output

Refer to "Configuring settings (→page 72)" for how to display the setting screens.

*1.* On the Relay Output Settings screen, tap **[Relay Output 1]** or **[Relay Output 2]**.

*2.* Tap **[Status Output]** on the Relay Output Settings (Advanced) screen.

Relay Output 1 Settings     10:31 AM
FUNCTION
None     Status Output     Door Release
OPTION RELAY CONTROL --------------- Disa▼
BACK

   • The Status Output screen will be shown.

*3.* Select the operation to perform relay output (multiple selections allowed).

Status Output     10:32 AM
          NORMAL  PRIORITY  URGENT     SELECT
OUTGOING CALL
INCOMING CALL                    ✓
OUTGOING PAGE
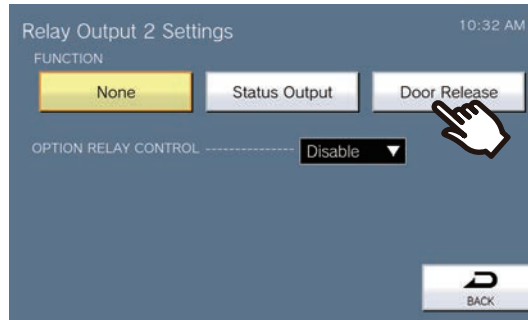INCOMING PAGE
COMMUNICATION                         BACK

*4.* Tap **[SELECT]**.
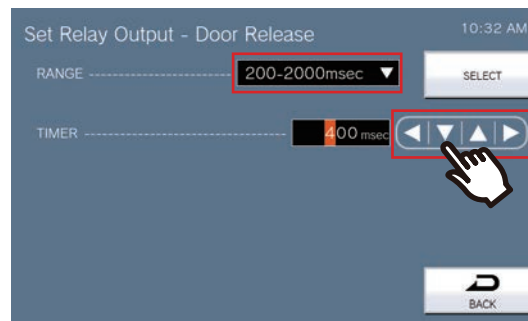   • The settings will be saved.

# How to configure Door Release settings

Refer to "Configuring settings (→page 72)" for how to display the setting screens.

**1.** On the Relay Output Settings screen, tap **[Relay Output 1]** or **[Relay Output 2]**.

**2.** Tap **[Door Release]** on the Relay Output Settings (Advanced) screen.



• The Set Relay Output - Door Release screen will be shown.
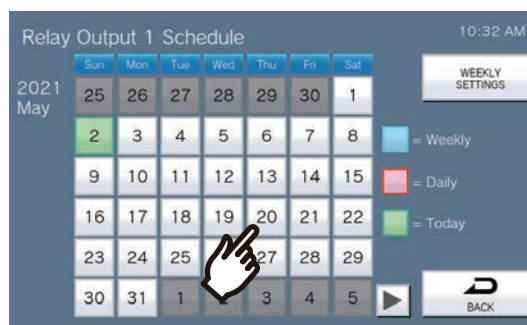
**3.** Set the TIMER.



**4.** Tap **[SELECT]**.
• The settings will be saved.

# How to configure Relay Output Schedule (Daily Schedule)

Set the time to perform the relay output, for each day. One year from the set day can be configured. 24 schedules can be set for each day.
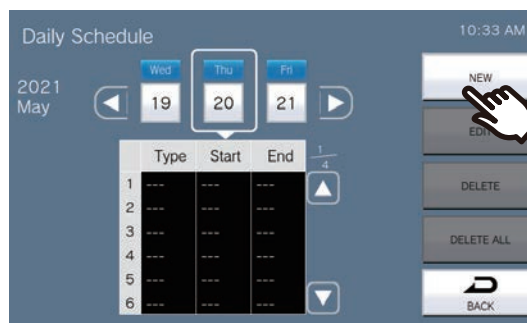Refer to "Configuring settings (→page 72)" for how to display the setting screens.

*1.* On the Relay Output Settings screen, tap **[Relay Output 1 Schedule]** or **[Relay Output 2 Schedule]**.
  • The Relay Output Schedule screen will be shown. It may take some time for the schedule to be displayed.

*2.* Tap the day to set a schedule.



  • The Daily Schedule screen will be shown for the day that was tapped.

*3.* Tap **[NEW]**.
  * To change a registered schedule, tap the row to change, and tap **[EDIT]**.
  * To delete a registered schedule, tap the row to delete, and tap **[DELETE]**.
  * To delete all daily schedules for the displayed day, tap **[DELETE ALL]**.
  * Change or delete "Weekly" type schedules as described in "How to configure Relay Output Schedule (Weekly Schedule) (→page 108)".



  • The Set Schedule screen will be shown.

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**4.** Configure the start time and end time.
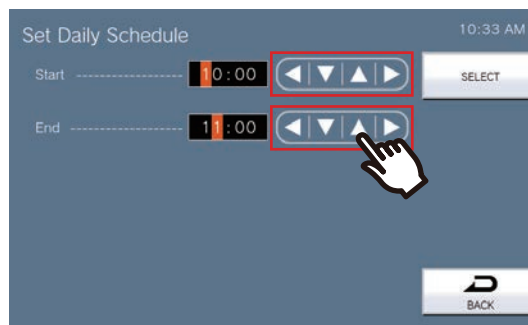


**5.** Tap **[SELECT]**.
• The settings will be saved.

# How to configure Relay Output Schedule (Weekly Schedule)

Configure the time to perform relay output for each day of the week, from Sunday to Saturday. 12 schedules can be set for each day of the week.

Refer to "Configuring settings (→page 72)" for how to display the setting screens.

**1.** On the Relay Output Settings screen, tap **[Relay Output 1 Schedule]** or **[Relay Output 2 Schedule]**.
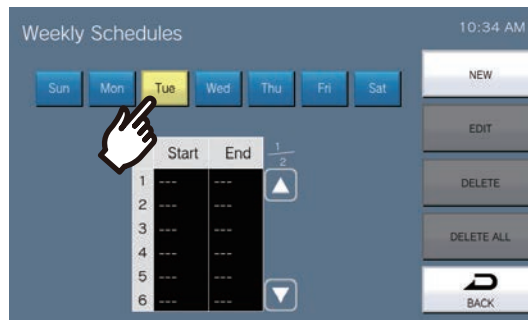
• The Relay Output Schedule screen will be shown.

**2.** Tap **[WEEKLY SETTINGS]**.
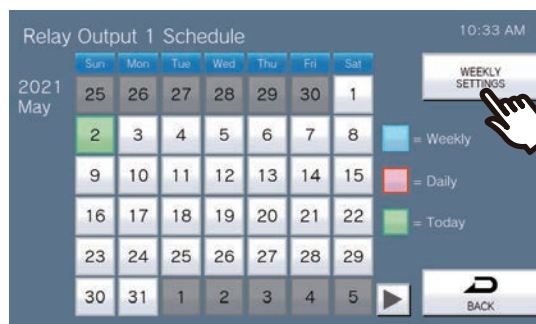


• The Weekly Schedules screen will be shown.

**3.** Tap the day of the week to configure a schedule.



**4.** Tap **[NEW]**.

\* To change a registered schedule, tap the row to change, and tap **[EDIT]**.

\* To delete a registered schedule, tap the row to delete, and tap **[DELETE]**.

\* To delete all weekly schedules for the displayed day, tap **[DELETE ALL]**.

• The Set Schedule screen will be shown.

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**5.** Configure **[Start]** and **[End]**.
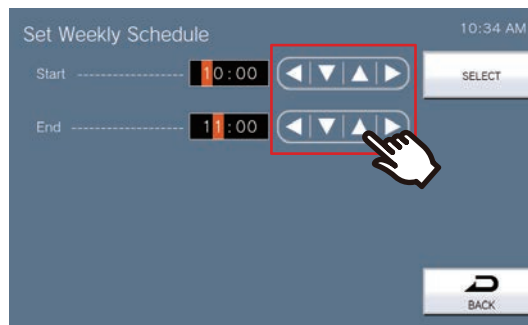


**6.** Tap **[SELECT]**.
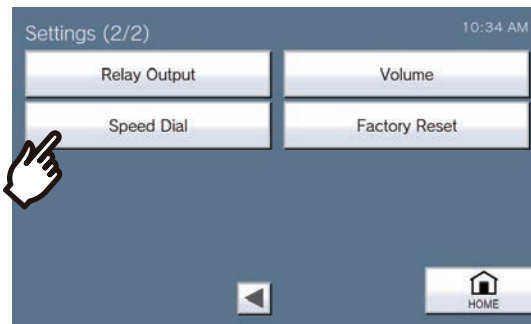  • The settings will be saved.

# How to configure Speed Dial Settings

Configure settings related to the Speed Dial buttons.
*This is an administrator privileges setting. If configuring the Speed Dial buttons is restricted, this cannot be configured under user privileges.
Refer to "Configuring settings (→page 72)" for information on how to display the setting screens.

*1.* Tap **[Speed Dial]** on the Settings (2/2) screen.



- The Speed Dial Settings screen will be shown.

*2.* Tap the Speed Dial button to configure, and then tap **[EDIT]**.
*To delete the setting for a registered Speed Dial button, tap the Speed Dial button to delete, and tap **[DELETE]**.
*To delete the settings for all registered Speed Dial buttons, tap **[DELETE ALL]** (administrator privileges only).
*Touching ⬚ next to a Speed Dial button under administrator privileges will change it to ⬚, preventing the setting from being changed under user privileges. Tap ⬚ to cancel this restriction.
- If a Speed Dial button is grayed out under user privileges, it has been restricted under administrator privileges and cannot be configured.
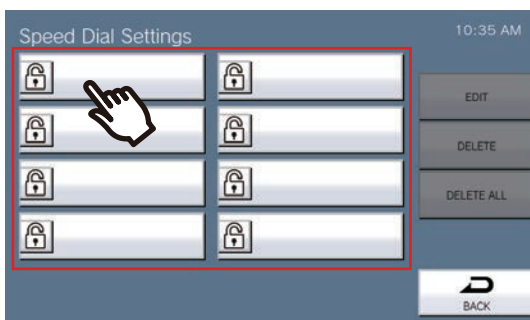
**Administrator privileges**                                        **User privileges**

        

- The Speed Dial Settings (Advanced) screen will be shown.

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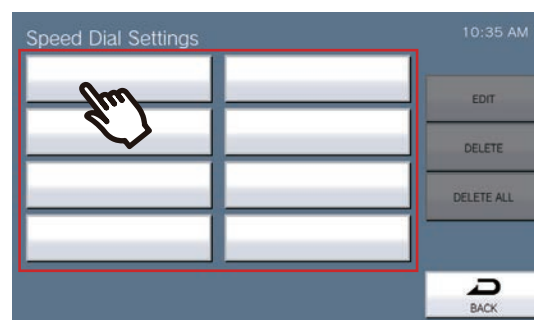
*3.* Configure the function to assign.



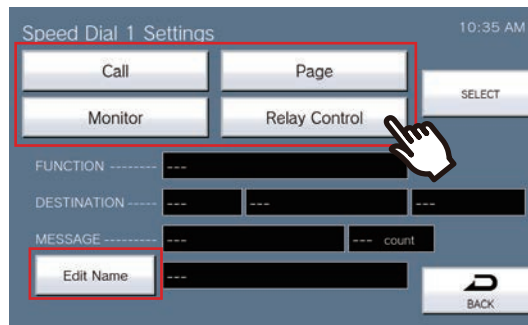| Entry | Description |
|---|---|
| Call | Assign the calling function to the Speed Dial button.<br>Refer to "How to assign calling functions to Speed Dial buttons (→page 113)" for how to configure this. |
| Page | Assign the paging function to the Speed Dial button.<br>Refer to "How to assign paging functions to Speed Dial buttons (→page 114)" for how to configure this. |
| Monitor | Assign the monitoring or scan monitoring function to the Speed Dial button. Scan monitoring cannot be assigned unless scan monitoring is configured in "How to configure Scan Monitoring (→page 99)".<br>Refer to "How to assign monitoring functions to Speed Dial buttons (→page 115)" for how to configure this. |
| Relay Control | Assign optional relay (a function that controls the output terminal of another station) to the Speed Dial button.<br>Refer to "How to assign Relay Control functions to Speed Dial buttons (→page 116)" for how to configure this. |

*4.* Tap **[Edit Name]**.



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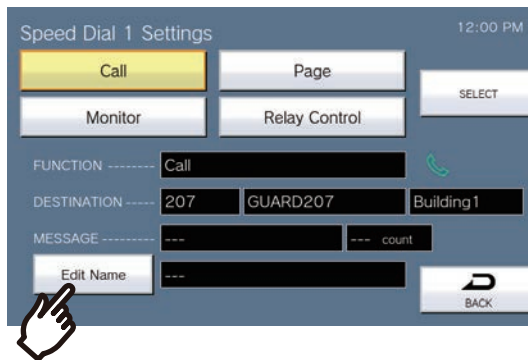
**5.** Enter the Speed Dial Button Name.
  • Refer to "Entering Text (→page 21)" for how to enter characters.
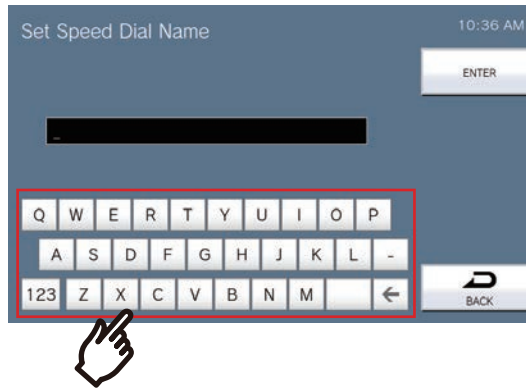


**6.** Tap **[ENTER]**.
  • The Speed Dial Settings (Advanced) screen will be shown.

**7.** Confirm the details of the configured Speed Dial button, and then tap **[SELECT]**.
  • Tap **[BACK]** to return to the Speed Dial Settings screen without saving settings.
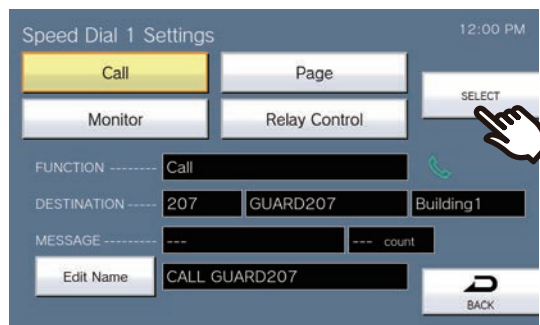


  • The configured name will be displayed on the Favorites button. The entire name may not be displayed, depending on the type of Home screen and number of characters.
  • Display the Speed Dial Settings screen. The configured buttons are displayed as shown in the screen below.
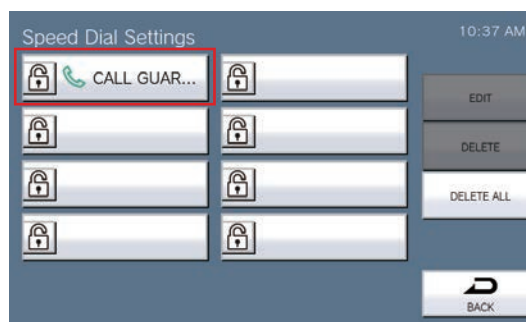


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### How to assign calling functions to Speed Dial buttons

(1)   On the Speed Dial Settings (Advanced)  screen, tap **[Call]**.



– The Address Book will be shown.

(2)   Tap the destination unit to set to the Speed Dial button.
   – If specifying units in other buildings, tap **[SELECT BUILDING]** first, and select a building.
   – Refer to "Searching for stations (→page 29)" to search for units.
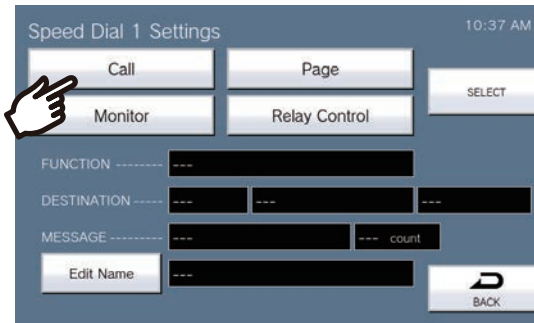   – You can specify the unit number by tapping **[DIAL]**. Refer to "Selecting / Choosing / Calling by Number (→page 27)" for details.



(3)   Tap **[CALL]**, **[PRIORITY CALL]**, or **[URGENT CALL]** to select the call priority.
   – The Speed Dial Settings (Advanced) screen will be shown.
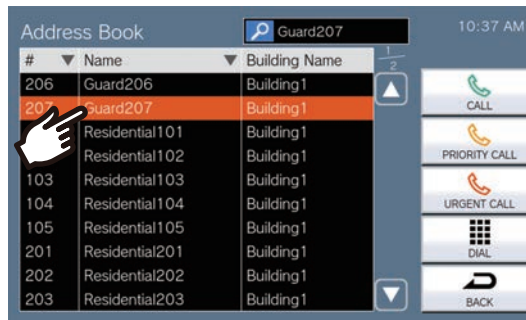
(4)   Tap **[SELECT]**.
   – The settings will be saved.

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### How to assign paging functions to Speed Dial buttons

(1)  On the Speed Dial Settings (Advanced) screen, tap **[Page]**.
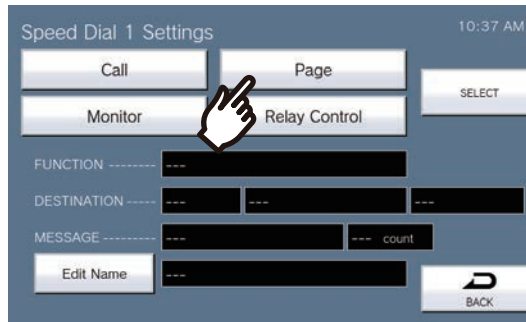
(2)  Tap the building to page using the Speed Dial button.
   – Refer to "Searching for stations (→page 29)" to search for buildings.
     To send an all page, tap "**[ALL PAGE]**."
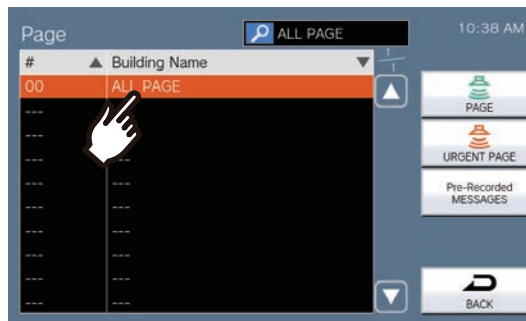
(3)  Select the type of paging from **[PAGE]**, **[URGENT PAGE]**, or **[Pre-Recorded MESSAGES]**.
   – When **[PAGE]** or **[URGENT PAGE]** is selected, select **[PAGE]** or **[Recorded Page]**. However, **[PAGE]**
     cannot be selected when paging to 501 or more stations.
   – If **[Pre-Recorded MESSAGES]** was selected, select "Play Count" and the paging tone file followed by the
     type of paging from **[PAGE]** or **[URGENT PAGE]**.
   – The Speed Dial Settings (Advanced) screen will be shown.
   – Refer to "Searching for stations (→page 29)" to search file names.

(4)  Tap **[SELECT]**.
   – The settings will be saved.

### How to assign monitoring functions to Speed Dial buttons

(1)  On the Speed Dial Settings (Advanced) screen, tap **[Monitor]**.
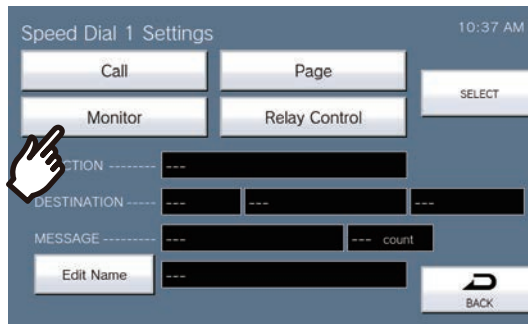


(2)  To assign the monitoring function, tap the station to monitor.
  – Refer to "Searching for stations (→page 29)" to search for stations.
     *To assign the scan monitoring functions, follow the procedure from Step (3).



(3)  Select the type of monitoring from **[MONITOR]** or **[SCAN MONITOR]**.
  – The Speed Dial Settings (Advanced) screen will be shown.
(4)  Tap **[SELECT]**.
  – The settings will be saved.

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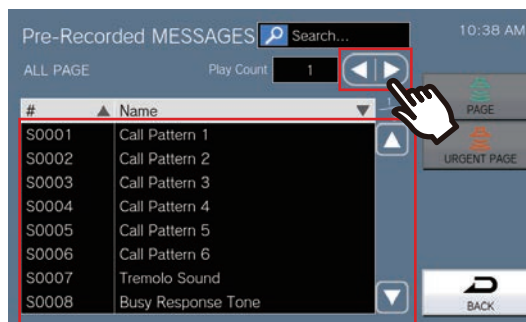**How to assign Relay Control functions to Speed Dial buttons**

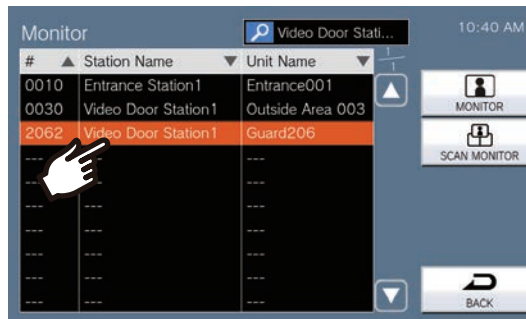(1)  On the Speed Dial Settings (Advanced) screen, tap **[Relay Control]**.
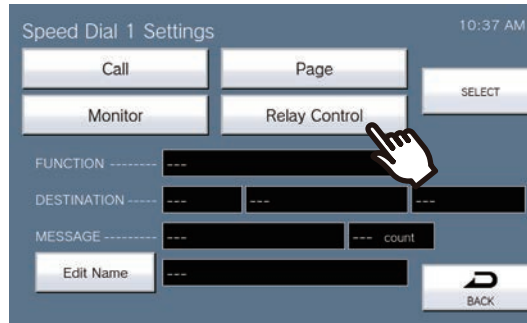


     – Display the Set Destination Relay screen.
(2)  Set the TIMER.
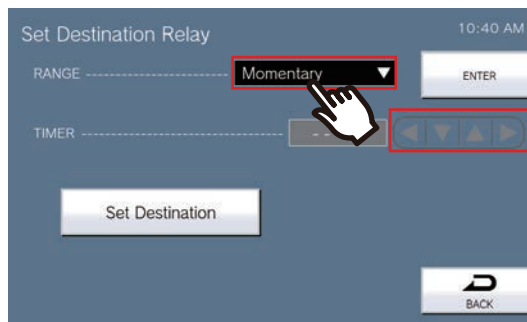


(3)  Tap **[Set Destination]**.
   – Display the Set Destination Relay (Advanced) screen.
(4)  Tap **[NEW]** to configure the station to control the Relay Output.
     *To change a registered station, tap the station to change, and tap **[EDIT]**.
     *To delete a registered station, tap the station to delete, and tap **[DELETE]**.
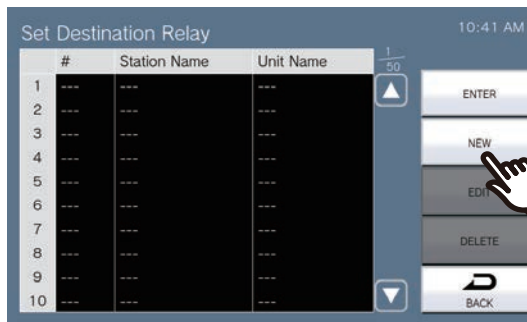


     – The Set Destination screen will be shown.
(5)  Tap the station to control the Relay.
     * If specifying stations in other buildings, tap **[SELECT BUILDING]** first, and select a building.
     *Refer to "Searching for stations (→page 29)" to search for stations.

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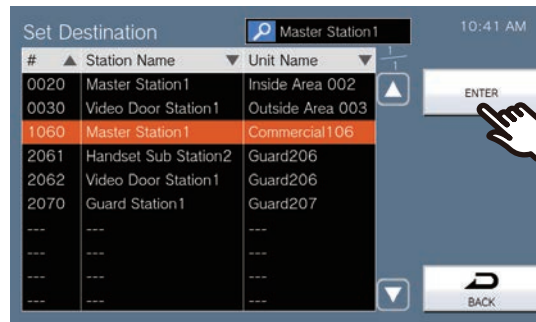
(6) Tap **[ENTER]**.



– Display the Set Destination Relay (Advanced) screen.

(7) Tap **[ENTER]**.



– Display the Set Destination Relay screen.

(8) Tap **[ENTER]**.



(9) Tap **[SELECT]**.

– The settings will be saved.

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# Specifications

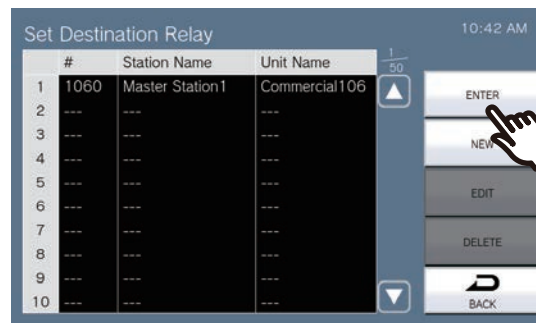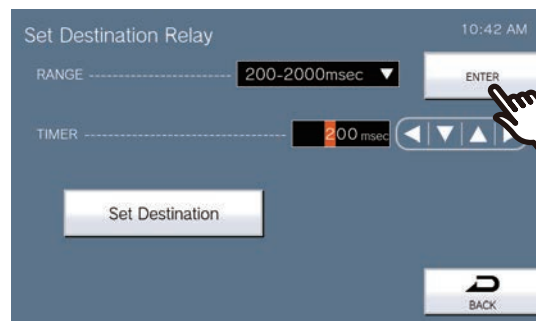| | |
|---|---|
| Power | PoE (IEEE802.3af Class 0 standard) |
| Power consumption | Standby: 3.2 W; Maximum: 7.4 W |
| Communication | Full duplex audio (depending on other party)/touch-to-talk |
| Display | 7" TFT LCD display WVGA 800×480 (approx. 1.15 million pixels) |
| Camera | 1/4-type CMOS VGA 640×480 (approx. 300,000 pixels) |
| LAN | Ethernet (10BASE-T, 100BASE-TX), Auto MDI/MDI-X-compatible |
| Audio codec | G.711 (u-law, A-law) |
| Video codec | H.264 AVC, Motion-JPEG |
| Protocol | IPv4, IPv6, TCP, UDP, SIP, HTTP, HTTPS, RTSP, RTP, RTCP, IGMP, MLD, SMTP, SFTP, DHCP, NTP, DNS |
| Encryption system | TLS1.2, TLS1.3, IEEE802.1X |
| Packet transmission system | Unicast and multicast |
| Number of units | Max. 9,999 units (Number of stations that can be registered as call destinations: IX/IXG/VoIP phone stations: max. 9,998 stations + phones (stations which use phone numbers): max. 9,999 stations + Intercom Apps: max. 9,999 units x 8) |
| Operating temperature | 0 to +40°C (+32 to +104°F) |
| Mounting | Table/wall-mounted |
| Materials | Flame retardant resin |
| Color | Black |
| Dimensions | 280 mm (11") [W] × 204 mm (8-1/16") [H] × 55.5 mm (2-3/16") [D] |
| Weight | 1.1kg (approx.) (2.43 lbs) (when using the desktop stand: 1.3kg (approx.) (2.87 lbs)) |

# Maintenance

- Clean the station gently with a soft, dry cloth. For difficult stains, dip a soft cloth in neutral detergent diluted with water, wring it out well, and then clean unit.
- Use a soft, dry cloth (for use in wiping mirrors) when wiping the display.

| **⚠ Important** |
|---|
| • Do not use chemicals such as benzene or paint thinner. You may damage the surface of the station, or cause discoloration. |

# Notice regarding the software

OSS (open-source software) is used in this product.
For information regarding OSS, see "https://www.aiphone.co.jp/data/software/source/gpl/download/ixg/."
In addition, the source code is available.

# REGULATIONS

FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

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**Supplier's Declaration of Conformity**
**47CFR §2.1077 Compliance Information**

**Unique Identifier:**

Trade Name : AIPHONE
Model: IXG-MK

**Responsible Party – U.S. Contact Information**

Company Name : AIPHONE CORPORATION
Location of Office : 6670 185th Ave NE, Redmond, WA, 98052, USA
Telephone Number : (800) 692-0200
Email Address : tech@aiphone.com
Website : https://www.aiphone.com/home

**FCC Compliance Statement**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation

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ISED
CAN ICES-003(B) / NMB-003(B)

WEEE

This symbol indicates that this product should be disposed of separately from other household waste. By taking it to a designated collection point for recycling of waste equipment in accordance with local waste disposal legislations on your responsibility will help to prevent any negative impacts on the environment and on human health.

# WARRANTY

Aiphone warrants its products to be free from defects of material and workmanship under normal use and service for a period of 2 years after delivery to the ultimate user and will repair free of charge or replace at no charge, should it become defective upon which examination shall disclose to be defective and under warranty. Aiphone reserves unto itself the sole right to make the final decision whether there is a defect in materials and/or workmanship; and whether or not the product is within the warranty. This warranty shall not apply to any Aiphone product which has been subject to misuse, neglect, accident, power surge, or to use in violation of instructions furnished, nor extended to units which have been repaired or altered outside of the factory. This warranty does not cover batteries or damage caused by batteries used in connection with the unit. This warranty covers bench repairs only, and any repairs must be made at the shop or place designated in writing by Aiphone. This warranty is limited to the standard specifications listed in the operation manual. This warranty does not cover any supplementary function of a third party product that is added by users or suppliers. Please note that any damage or other issues caused by failure of function or interconnection with Aiphone products is also not covered by this warranty. Aiphone will not be responsible for any costs incurred involving on site service calls. Aiphone will not provide compensation for any loss or damage incurred by the breakdown or malfunction of its products during use, or for any consequent inconvenience or losses that may result.