Thank you for selecting Aiphone for your communication and security needs. Please read this manual and the separate "OPERATION MANUAL" carefully before setting and using this system.

* Refer to the provided "INSTALLATION MANUAL" for complete information regarding this system.

**IMPORTANT**

Please read and understand the system setting procedures before beginning the setup process.

Please note that images and illustrations depicted in this manual may differ from the actual ones.
CONTENTS

ABOUT THIS MANUAL ............... 4

PURPOSE OF THE SYSTEM SETTINGS ........................................... 4

SETTING LIST ................................................................. 5

SYSTEM SETTING FLOW ............... 11

Flow 1 ............................................................... 12
Flow 2 ............................................................... 13
Flow 3 ............................................................... 14
Remote site connection settings ............................................ 15

STARTING UP THE SYSTEM AND PREPARING FOR THE SETTINGS ........................................ 16

System requirements for PC .......... 16
Starting up the system ............... 16

THE SYSTEM SETTING DETAILS ............................................. 18

The basic setting procedure ............... 18
Making network settings to each IP unit [Network setting: Individual] ..................................... 19
Making network settings for the whole system [Network setting: Common] ............... 19
Setting the administrator ID and password [Administrator setting] ......................................... 20
Confirming the IP units connected to the system [IP unit search] ................................... 20
Registering areas and remote sites [System setting – Area/Site registration] (Required) ... 21
Registering zones [System setting – Zone registration] ............... 21
Registering IP units [System setting – IP unit registration] ......... 22
Registering control units [System setting – Control units composition] ......................... 22
Registering stations and PA outputs [System setting – Registering stations] ............... 23
Making detailed settings to stations and control units [System setting – Advanced station settings] .................................................. 24
Basic setting procedure ......................... 24
Making detailed settings to door stations or room sub stations ............... 24
Making detailed settings to master stations ........................................... 25
Making detailed settings to the central control unit(s), add-on control unit(s) or room sub control unit(s) ........................................... 26
Registering stations and PA outputs to zones [System setting – Zone setting] ............... 27
Registering sound sequences [Chime setting – Registering sound sequences] .................... 27
Registering daily chime schedule [Chime setting – Registering daily chime schedule] .......... 28
Setting chime schedule [Chime setting – Chime schedule setting] .................................. 28
Registering daily transfer schedule [Transfer setting – Registering daily transfer schedule] ........................................... 29
Setting transfer schedule [Transfer setting – Transfer schedule setting] ......................... 30
Setting the timer [Timer setting] ............... 31
Setting stations to receive calls and zones to receive (chime) paging from remote sites [Remote site pilot call setting] ................................. 31
Telephone setting (North America only) .............................. 33
Video setting ........................................ 34
Setting time and date [Time and date setting] .................. 34
E-mail setting ...................................... 35
Downloading/uploading setting data [Setting file] ................... 35
  ■ When downloading setting data onto the PC ..................... 35
  ■ When uploading setting data .................................. 35
Updating the system [Updating the system] .................. 35
Registering sound files for chime sources on the central control unit (IS-CCU) .................. 36

MAINTENANCE .............................. 37

Initializing the system [Initialization] .............................. 37
Downloading system log [System log] .............................. 37
Updating the firmware [Firmware update] ....................... 37
  ■ Downloading updated firmware data .......................... 37
Referring to the troubleshooting guide [Troubleshooting] .... 37
Registering your system [Registration] .......................... 37

Setting Information Memo ...... 38
ABOUT THIS MANUAL

The IS system provides various manuals to meet various system planning and work processes. Use the manuals necessary for your system.

Manual configurations

The following manuals are provided for a standard (IP) system. Read all the manuals for installing, setting up, and using a standard (IP) system, or provide the manuals to the persons working with the system.

- **INSTALLATION MANUAL (A booklet included with the central control unit (IS-CCU))**
  Used for installing and connecting control units, stations and power supply unit. (For an installer or serviceman)

- **INSTALLATION MANUAL (A booklet included with the IP master station (IS-IPMV))**
  Used for installing and connecting IP master stations and IP video door stations (mainly for a network direct system). (For an installer or serviceman)

- **SETTING MANUAL (This manual on the CD-ROM included with the IP control unit (IS-IPC))**
  This manual describes how to make the system settings and system maintenance. (For an installer or serviceman)

- **OPERATION MANUAL (An electronic manual on the CD-ROM included with the IP control unit (IS-IPC))**
  Information for using the system for calling, communicating, paging, monitoring, etc. (For users of the system)

PURPOSE OF THE SYSTEM SETTINGS

Configure the system settings based on how your system is planned to be used. System settings must be completed before the system will operate.

**CAUTION:**

Make the settings correctly. If the settings are not made correctly, the system will not function as planned.
## SETTING LIST

The following is the list of system settings you can make via the web browser. **The titles or items in shaded cells are required.**

### NOTES:
- The following list is a brief overview of the setting items available in the system settings on a PC. The descriptions, and the style and order of descriptions do not necessarily equate with the actual displays.
- Make a note of the setting results you have made by using the “Setting Information Memo” (→P. 38) etc. in case of unexpected data erasure, and keep it in a safe place not to lose it.

<table>
<thead>
<tr>
<th>Title</th>
<th>Sub title</th>
<th>Item</th>
<th>Sub item</th>
<th>Setting range</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>Network setting</td>
<td></td>
<td>(Language)</td>
<td></td>
<td>English/French/German/Spanish/Dutch/Italian/Japanese</td>
<td>English</td>
</tr>
<tr>
<td></td>
<td>Network setting: Individual</td>
<td>IP version</td>
<td>IPv4</td>
<td></td>
<td>IPv4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Host unit setting</td>
<td>Host unit/Client unit</td>
<td>(Enter the Host unit IP address.)</td>
<td>Client unit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>System name</td>
<td>(available when [Host unit setting] is set to “Host unit”)</td>
<td>Up to 24 alphanumeric characters</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Select the network setting method.)</td>
<td></td>
<td>DHCP/Static IP Address</td>
<td>DHCP</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Static IP Address</td>
<td>Static IP Address (required when [Static IP Address] is selected)</td>
<td>0 – 255 (for each field)</td>
<td>192.168.0.40</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Subnet Mask (required when [Static IP Address] is selected)</td>
<td>0 – 255 (for each field)</td>
<td>255.255.255.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Default Gateway</td>
<td>0 – 255 (for each field)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Primary DNS Server</td>
<td>0 – 255 (for each field)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Secondary DNS Server</td>
<td>0 – 255 (for each field)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>MAC address</td>
<td>(Unmodifiable)</td>
<td>(Unmodifiable)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Unit name</td>
<td>Up to 24 alphanumeric characters</td>
<td>(except accent marks, umlaut marks, etc.)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Web port</td>
<td>(Unmodifiable)</td>
<td>(Unmodifiable)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Connection port</td>
<td>1024 - 65535</td>
<td>5060</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Connection Password</td>
<td>Up to 16 alphanumeric characters</td>
<td>aiphone</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Network setting: Common</td>
<td>UPnP</td>
<td>ON/OFF</td>
<td>ON</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Global IP address</td>
<td>0 - 255 (for each field)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Connection port:</td>
<td>(Unmodifiable)</td>
<td>(Unmodifiable)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>multicast address</td>
<td>239.0.0.0 - 239.255.255.255</td>
<td>1: 239.0.1.1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Audio/video port</td>
<td>1024 - 65535</td>
<td>50800 - 50813</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Administrator setting</td>
<td>New administrator ID</td>
<td>Up to 16 alphanumeric characters</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Current Password</td>
<td>Up to 16 alphanumeric characters</td>
<td>- (aiphone)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>New Password</td>
<td>Up to 16 alphanumeric characters</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>New Password (Re-type)</td>
<td>Up to 16 alphanumeric characters</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>IP unit search</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Title</td>
<td>Sub title</td>
<td>Item</td>
<td>Sub item</td>
<td>Setting range</td>
<td>Default</td>
</tr>
<tr>
<td>-------</td>
<td>-----------</td>
<td>------</td>
<td>----------</td>
<td>---------------</td>
<td>---------</td>
</tr>
<tr>
<td>System setting</td>
<td>Area/Site registration</td>
<td>Area/Site Name</td>
<td>-</td>
<td>Up to 24 alphanumeric characters (for up to 99 areas including sites) * Up to 31 for sites</td>
<td>1 (for Area number 01)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Area/Site</td>
<td>-</td>
<td></td>
<td>Area</td>
</tr>
<tr>
<td></td>
<td></td>
<td>IP Address (sites only)</td>
<td>-</td>
<td>0 - 255 (for each field)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Port number (sites only)</td>
<td>-</td>
<td>1024 - 65535</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Connection Password (sites only)</td>
<td>-</td>
<td>Up to 16 alphanumeric characters</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Door release (sites only)</td>
<td>-</td>
<td>ON/OFF</td>
<td>ON</td>
</tr>
<tr>
<td>Zone registration</td>
<td>Zone name</td>
<td>-</td>
<td>Up to 24 alphanumeric characters (for up to 99 zones)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>IP unit registration</td>
<td>Station type</td>
<td>-</td>
<td>IP control unit, IP video door station, IP master station, PC master station</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MAC address</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Unit name</td>
<td>-</td>
<td>Up to 24 alphanumeric characters</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Port number</td>
<td>-</td>
<td>1024 - 65535</td>
<td>IP control unit: 50900 - 50906 IP station: 50900 - 50902</td>
<td></td>
</tr>
<tr>
<td>Control units composition</td>
<td>(Depends on the system configuration.)</td>
<td>-</td>
<td>Connected/Not connected</td>
<td>Not connected</td>
<td></td>
</tr>
<tr>
<td>Registering stations</td>
<td>Area (stations only)</td>
<td>-</td>
<td>(Area) 01 to 99</td>
<td>(Area) 01</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Station number (stations only)</td>
<td>-</td>
<td>001 to 999 0001 to 9999 00001 to 99999</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Station name (for stations)</td>
<td>-</td>
<td>Up to 24 alphanumeric characters</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Station name (for PA output) (Required when an external unit is connected to the corresponding PA output terminals)</td>
<td>-</td>
<td>Up to 24 alphanumeric characters</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Station type (sub stations only)</td>
<td>-</td>
<td>(Select from the registered ones.)</td>
<td>(Depends on the control unit.)</td>
<td></td>
</tr>
<tr>
<td>Advanced station settings</td>
<td>Video door station/Audio door station/Room sub station</td>
<td>Called stations</td>
<td>Call priority</td>
<td>Normal/Priority/Urgent</td>
<td>Normal</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Called stations</td>
<td>(Set up to 20 targets from the registered ones.)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contact type</td>
<td>Normally open (NO) /Normally closed (NC)</td>
<td>Normally open (NO)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Call priority/Answering the page</td>
<td>Answering the page /Call (Normal/Priority/Urgent)</td>
<td>Normal</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Transmit volume boost at PTT</td>
<td>ON/OFF (ON: approx. +6dB up)</td>
<td>OFF</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Camera zoom image preset (video door stations only)</td>
<td>0 (wide)/1/2/3/4/5/6/7/8/9 (zoom)</td>
<td>5 (Center)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Call acknowledge tone on/off</td>
<td>ON/OFF</td>
<td>ON</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Backlight adjustment (video door stations only)</td>
<td>Exposure +/Exposure -</td>
<td>Exposure +</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Speaker (room sub stations only)</td>
<td>Built-in speaker /External speaker</td>
<td>Built-in speaker</td>
<td></td>
</tr>
<tr>
<td>Title</td>
<td>Sub title</td>
<td>Item</td>
<td>Sub item</td>
<td>Setting range</td>
<td>Default</td>
</tr>
<tr>
<td>------------------------------</td>
<td>----------------------------------</td>
<td>-----------------------</td>
<td>---------------------------------------------------------------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>System setting</td>
<td>Advanced station settings</td>
<td>Master station</td>
<td>Stations to be scan monitored</td>
<td>(Select up to 20 sub stations from the registered ones.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Other</td>
<td>Master station function: paging, chime, monitor, door release, and remote site call</td>
<td>ON/OFF</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Contact input</td>
<td>(Contact input)</td>
<td>S1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Contact type</td>
<td>Normally open (NO) /Normally closed (NC)</td>
<td>Normally open (NO)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Trigger condition</td>
<td>None/Broadcast chime/Stop chime</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Sound source</td>
<td>Internal sound source (Select a sound file or sequence name from the registered ones in the list.) /External sound source (Select either External sound source 1 or 2.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Chime priority</td>
<td>Normal/Priority/Urgent</td>
<td>Normal</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Zone name</td>
<td>(Select from the registered ones.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Contact output terminal</td>
<td>L1 to L8</td>
<td>L1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Contact type</td>
<td>Normally open (NO) /Normally closed (NC)</td>
<td>Normally open (NO)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Trigger condition</td>
<td>None/Calling notice/Door release /External sound source/PA output</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Calling notice (Only when &quot;Calling notice&quot; is selected at &quot;Trigger condition&quot;)</td>
<td>Normal: OFF/ON Priority: OFF/ON Urgent: OFF/ON</td>
<td>Normal: OFF Priority: OFF Urgent: OFF</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Door release (Only when &quot;Door release&quot; is selected at &quot;Trigger condition&quot;)</td>
<td>(Select from the sub stations registered and set for the central control unit.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>External sound source (Only when &quot;External sound source&quot; is selected at &quot;Trigger condition&quot;)</td>
<td>External sound source 1 /External sound source 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PA output (Only when &quot;PA output&quot; is selected at &quot;Trigger condition&quot;)</td>
<td>PA output 1 to 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Room sub control unit/Add-on control unit</td>
<td>(Contact output terminal)</td>
<td>L1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Contact type</td>
<td>Normally open (NO)/Normally closed (NC)</td>
<td>Normally open (NO)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Trigger condition</td>
<td>None/Calling notice/Door release/PA output</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Calling notice (Only when &quot;Calling notice&quot; is selected at &quot;Trigger condition&quot;)</td>
<td>Normal: OFF/ON Priority: OFF/ON Urgent: OFF/ON</td>
<td>Normal: OFF Priority: OFF Urgent: OFF</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Door release (Only when &quot;Door release&quot; is selected at &quot;Trigger condition&quot;)</td>
<td>(Select from the sub stations registered and set for each control unit.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>PA output (Only when &quot;PA output&quot; is selected at &quot;Trigger condition&quot;)</td>
<td>PA output 1 to 4</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Zone number</td>
<td></td>
<td>(Select from the registered ones.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stations</td>
<td></td>
<td>(Select from the list.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>PA output</td>
<td></td>
<td>(Select from the list.)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Title</td>
<td>Sub title</td>
<td>Item</td>
<td>Sub Item</td>
<td>Setting range</td>
<td>Default</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------------------------</td>
<td>--------------------------</td>
<td>---------------------------</td>
<td>-------------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>Chime setting*</td>
<td>Registering sound sequences</td>
<td>Sound sequence number</td>
<td>-</td>
<td>SS1 to SS20</td>
<td>SS1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sound sequence name</td>
<td>-</td>
<td>Up to 24 alphanumeric characters</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Step</td>
<td>-</td>
<td>1 to 10</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sound source</td>
<td>Sound file</td>
<td>(Select from the registered ones.)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Repeat times</td>
<td>1 to 10</td>
</tr>
<tr>
<td>Registering daily chime schedule</td>
<td>Schedule number</td>
<td>-</td>
<td>DS1 to DS10</td>
<td>DS1</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Schedule name</td>
<td>-</td>
<td>Up to 24 alphanumeric characters</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chime time</td>
<td>Hour: 0 to 23, Minute: 0 to 59, Second: 0 to 59</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sound source</td>
<td>Sound file (Select from the registered ones.) /Sound sequence (Select from the registered ones.) /External sound source (1 or 2)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Zone number</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(Select from the registered ones.)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chime priority</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Normal/Priority/Urgent</td>
<td>Normal</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Schedule download</td>
<td>(Download the chime (and transfer) schedule data in CSV format.)</td>
</tr>
<tr>
<td>Chime schedule setting</td>
<td>Weekly schedule</td>
<td>(Repeat setting)</td>
<td>Every week/Every other week</td>
<td>Every week</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Schedule start date</td>
<td>From the current day to 1 year ahead</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Schedule end date</td>
<td>From the start day to 1 year ahead</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Chime schedule)</td>
<td>None/DS1 to DS10 (for each day of the week)</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Individual schedule</td>
<td>(Date)</td>
<td>From the current day to 1 year ahead</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Daily chime schedule</td>
<td>(Select from the registered ones.)</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Chime time</td>
<td>Hour: 0 to 23, Minute: 0 to 59, Second: 0 to 59</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sound source</td>
<td>Sound file (Select from the registered ones.) /Sound sequence (Select from the registered ones.) /External sound source (1 or 2)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Zone number</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(Select from the registered ones.)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Chime priority</td>
<td>Normal/Priority/Urgent</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Schedule download</td>
<td>(Download the chime (and transfer) schedule data in CSV format.)</td>
</tr>
<tr>
<td>Transfer setting</td>
<td>Registering daily transfer schedule</td>
<td>Schedule number</td>
<td>-</td>
<td>DT1/DT2</td>
<td>DT1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Schedule name</td>
<td>-</td>
<td>Up to 24 alphanumeric characters</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Call transfer time</td>
<td>Hour: 0 to 23, Minute: 0 to 59, (Set to the Start time and End time individually.)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>(Transfer schedule)</td>
<td>None/DT1/DT2 (for each day of the week)</td>
</tr>
<tr>
<td></td>
<td>Weekly schedule</td>
<td>(Repeat setting)</td>
<td>Every week/Every other week</td>
<td>Every week</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Schedule start date</td>
<td>From the current day to 1 year ahead</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Schedule end date</td>
<td>From the start day to 1 year ahead</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Individual schedule</td>
<td>(Date)</td>
<td>From the current day to 1 year ahead</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Daily transfer schedule</td>
<td>(Select from the registered ones.)</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Call transfer time</td>
<td>Hour: 0 to 23, Minute: 0 to 59, (Set to the Start time and End time individually.)</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Timer setting</td>
<td>Call</td>
<td>Normal/Priority/Urgent</td>
<td>10 to 600 (sec.), 0 (Unlimited)</td>
<td>Normal: 30 (sec.) Priority: 90 (sec.) Urgent: 0 (Unlimited)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Communication</td>
<td>In Local</td>
<td>30 to 600 (sec.)</td>
<td>60 (sec.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Via IP</td>
<td>30 to 600 (sec.)</td>
<td>60 (sec.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Telephone (North America only)</td>
<td>30 to 600 (sec.)</td>
<td>120 (sec.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Paging</td>
<td>30 to 600 (sec.)</td>
<td>60 (sec.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Monitor</td>
<td>10 to 600 (sec.)</td>
<td>60 (sec.)</td>
<td></td>
</tr>
</tbody>
</table>

*1: It is required that you have registered sound source(s) on the IS-CCU connected to the IS-IPC (as the IP host unit) directly.
<table>
<thead>
<tr>
<th>Title</th>
<th>Sub title</th>
<th>Item</th>
<th>Sub item</th>
<th>Setting range</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timer setting</td>
<td></td>
<td>Scan monitor: Switching</td>
<td></td>
<td>5 to 60 (sec.)</td>
<td>7 (sec.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contact output</td>
<td>External sound source 1</td>
<td>10 to 300 (sec.)</td>
<td>30 (sec.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>External sound source 2</td>
<td>10 to 300 (sec.)</td>
<td>30 (sec.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Door release</td>
<td></td>
<td>0 to 300 (sec.), (0: Released while holding the Door release button pressed.)</td>
<td>10 (sec.)</td>
</tr>
<tr>
<td>Remote site pilot call setting</td>
<td></td>
<td>Remote site master call</td>
<td>Normal/Priority/Urgent</td>
<td>(Select one from the registered stations in your site for each of “Normal”, “Priority” and “Urgent”).</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Remote site door call</td>
<td>Normal/Priority/Urgent</td>
<td>(Select up to 20 stations from the registered master stations in your site for each of “Normal”, “Priority” and “Urgent”).</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Remote site room sub call</td>
<td>Normal/Priority/Urgent</td>
<td>(Select up to 20 stations from the registered master stations in your site for each of “Normal”, “Priority” and “Urgent”).</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Remote site paging</td>
<td>Normal/Priority/Urgent/</td>
<td>(Select one from the registered zones in your site for each of “Normal”, “Priority”, “Urgent” and “Broadcast”).</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Broadcast</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Remote site chime</td>
<td>Zone name</td>
<td>(Select one from the registered zones in your site for each of “Normal”, “Priority” and “Urgent”).</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sound file name/sequence name</td>
<td>Sound file: SF1 - SF15</td>
<td>Sound sequence: SS1 - SS20</td>
<td>-</td>
</tr>
<tr>
<td>Telephone setting (North America only)</td>
<td></td>
<td>Telephone connection</td>
<td></td>
<td>ON/OFF</td>
<td>OFF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Called telephone number</td>
<td>1/2/3</td>
<td>(1 to 30 digit number can be set for each by using “0 - 9”, “,” and “.”)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Call change time</td>
<td></td>
<td>10 – 60 (sec.)</td>
<td>30 (sec.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Telephone pass code</td>
<td></td>
<td>3 to 4 digit number</td>
<td>0000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dial pause duration</td>
<td>1 to 10 (sec.)</td>
<td>1 (sec.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>DTMF duration</td>
<td>50 to 300 (msec.)</td>
<td>80 (msec.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Waiting time for ring-back-tone</td>
<td>1 to 30 (sec.)</td>
<td>15 (sec.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Telephone pass code input time</td>
<td></td>
<td>3 – 15 (sec.)</td>
<td>3 (sec.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dial-tone detecting time</td>
<td></td>
<td>1 – 15 (sec.)</td>
<td>5 (sec.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sound detection waiting time</td>
<td></td>
<td>500 – 1500 (msec.)</td>
<td>500 (msec.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sound detection time</td>
<td></td>
<td>300 – 1000 (msec.)</td>
<td>300 (msec.)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Call detection time</td>
<td></td>
<td>100 – 1000 (msec.)</td>
<td>200 (msec.)</td>
</tr>
<tr>
<td>Detection setting</td>
<td></td>
<td>Dial-tone detection</td>
<td>ON/OFF</td>
<td>ON</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Outgoing call tone detection</td>
<td>Normal/Priority</td>
<td>Normal</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ring-back-tone detection priority</td>
<td>ON/OFF</td>
<td>ON</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ring-back-tone detection time: 0.5 - 10.5 (sec.)</td>
<td>ON/OFF</td>
<td>0.5 (sec.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Waiting time for ring-back-tone: 0.5 - 10.5 (sec.)</td>
<td>ON/OFF</td>
<td>5.5 (sec.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Busy tone detection</td>
<td>ON/OFF</td>
<td>ON</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dial tone detection</td>
<td>ON/OFF</td>
<td>ON</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CPC signal detection</td>
<td>ON/OFF</td>
<td>ON</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>CPC signal detection time: 50 - 1000 (msec.)</td>
<td>ON/OFF</td>
<td>250 (msec.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reverse polarity detection</td>
<td>ON/OFF</td>
<td>ON</td>
<td></td>
</tr>
<tr>
<td>Video setting</td>
<td></td>
<td>Frame Rate</td>
<td>1/2/5/7.5/10/15 (fps)</td>
<td>15 (fps)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Quality</td>
<td></td>
<td>Low, Middle, High, Excellent</td>
<td>Excellent</td>
</tr>
<tr>
<td>Title</td>
<td>Sub title</td>
<td>Item</td>
<td>Sub Item</td>
<td>Setting range</td>
<td>Default</td>
</tr>
<tr>
<td>---------------------------</td>
<td>-----------</td>
<td>-----------------------</td>
<td>---------------------------</td>
<td>------------------------------------</td>
<td>------------------------------</td>
</tr>
<tr>
<td>Time and date setting</td>
<td>-</td>
<td>Set current time</td>
<td>Manual setting</td>
<td>Year: 2009 to 2099</td>
<td>(Internal time of the IP Host unit)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Month: 1 to 12</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Day: 1 to 31</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Hour: 0 to 23</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Minute: 0 to 59</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Second: 0 to 59</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Synchronized with PC</td>
<td></td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Synchronized with NTP server</td>
<td>ON/OFF</td>
<td>OFF</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>NTP port number*</td>
<td></td>
<td>1 to 65535</td>
<td>123</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(UTC time zone*)</td>
<td></td>
<td>-12 to +13 (h)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hour difference*</td>
<td></td>
<td>-45/-30/0/+30/+45 (m)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Synchronize interval</td>
<td></td>
<td>1 to 240 (h)</td>
<td>24 (h)</td>
</tr>
<tr>
<td>NTP</td>
<td>-</td>
<td>Synchronized with PC</td>
<td></td>
<td>-</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>NTP port number*</td>
<td></td>
<td>1 to 65535</td>
<td>123</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(UTC time zone*)</td>
<td></td>
<td>-12 to +13 (h)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hour difference*</td>
<td></td>
<td>-45/-30/0/+30/+45 (m)</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Synchronize interval</td>
<td></td>
<td>1 to 240 (h)</td>
<td>24 (h)</td>
</tr>
<tr>
<td>Daylight savings time</td>
<td>-</td>
<td>Starts*</td>
<td></td>
<td>ON/OFF</td>
<td>OFF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Month</td>
<td></td>
<td>JAN to DEC (M)</td>
<td>JAN</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Day</td>
<td></td>
<td>1st to 4th (W)/The last</td>
<td>1st</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Week)</td>
<td></td>
<td>Sunday to Saturday</td>
<td>Sunday</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Day</td>
<td></td>
<td>0 to 23 (h)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Day)</td>
<td></td>
<td>0 to 59 (m)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hour</td>
<td></td>
<td>0 to 23 (h)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Hour)</td>
<td></td>
<td>0 to 59 (m)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ends*</td>
<td></td>
<td>ON/OFF</td>
<td>OFF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Month</td>
<td></td>
<td>JAN to DEC (M)</td>
<td>JAN</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Day</td>
<td></td>
<td>1st to 4th (W)/The last</td>
<td>1st</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Week)</td>
<td></td>
<td>Sunday to Saturday</td>
<td>Sunday</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Day</td>
<td></td>
<td>0 to 23 (h)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Day)</td>
<td></td>
<td>0 to 59 (m)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hour</td>
<td></td>
<td>0 to 23 (h)</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Hour)</td>
<td></td>
<td>0 to 59 (m)</td>
<td>-</td>
</tr>
<tr>
<td>E-mail setting</td>
<td>-</td>
<td>Email destination address</td>
<td>1/2/3</td>
<td>Up to 256 alphanumeric characters</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Email source address</td>
<td></td>
<td>Up to 256 alphanumeric characters</td>
<td>-</td>
</tr>
<tr>
<td>SMTP authentication</td>
<td>-</td>
<td>SMTP server</td>
<td></td>
<td>Up to 256 alphanumeric characters</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SMTP server port</td>
<td></td>
<td>1 to 65535</td>
<td>465</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(Email) login ID</td>
<td></td>
<td>Up to 256 alphanumeric characters</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Password</td>
<td></td>
<td>Up to 64 alphanumeric characters</td>
<td>-</td>
</tr>
<tr>
<td>Mailing event</td>
<td>-</td>
<td>Call: Normal</td>
<td></td>
<td>ON/OFF</td>
<td>OFF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Call: Priority</td>
<td></td>
<td>ON/OFF</td>
<td>OFF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Call: Urgent</td>
<td></td>
<td>ON/OFF</td>
<td>OFF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>System start</td>
<td></td>
<td>ON/OFF</td>
<td>OFF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Data communication error in the system</td>
<td>ON/OFF</td>
<td>OFF</td>
<td></td>
</tr>
<tr>
<td>Setting file</td>
<td>-</td>
<td>Downloading setting data</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>Uploading setting data</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

*1: Available only when [Synchronized with NTP server] is set to ON.
*2: Available only when [Daylight savings time] is set to ON.
GETTING STARTED USING THE SYSTEM

APPENDIX

SETTING THE SYSTEM

SYSTEM SETTING FLOW

First of all, make the network settings. The network setting method differs according to the network environment. Select the flow suitable for your network environment from the chart below, and start the network settings after you fully understand it. After the network settings are finished, make the other individual system settings. See P. 18-36 for the system setting details.

NOTE:
The system settings should be made mainly on the IP host unit in the system (in a site). You select one as the IP host unit among the IP units connected to the system and others as the IP client units. (A PC master station (IS-SOFT) cannot be used as the IP host unit.)

First select the **Flow 1**, **Flow 2**, or **Flow 3** from the chart below, then start the network settings by following the selected flow.

---

**Flow 1**
(IP host unit: A static IP address is set,
IP client units: IP addresses are assigned by the DHCP server automatically)

Go to P. 12.

**Flow 2**
(All units: Static IP addresses are set)

Go to P. 13.

NOTE:
If you connect a PC master station (IS-SOFT) to the network, install the software (IS-SOFT) to a PC before connecting it to the network.

(1): UPnP may not function normally depending on the router. Refer to [System log]—[UPnP operation check result] (→P. 37) on the IP host unit. If the [System log] window shows that UPnP is not functioning normally, the UPnP function of the router cannot be used with this system. In that case, set [UPnP] to OFF at [Network setting: Common] (→P. 19) and then make settings on the router again by confirming the settings at [IP unit registration] (→P. 22). See http://www.aiphone.net/ for the router to which the operation check has finished and setting examples.

(2): If the DHCP server (or router that has a DHCP server function) has a function to assign a static IP address to a specified MAC address, you can make the DHCP server assign the IP addresses to all the IP units automatically.


If you communicate with remote sites (calling, call transferring, paging, etc.), make the remote site connection settings (→P. 15) after the network settings for your site have finished.
Flow 1
(IP host unit: A static IP address is set,
IP client units: IP addresses are assigned by the DHCP server automatically)

* This is the outline of setting flow. Also make the detailed settings on each setting window referring to the corresponding pages.

START

Write down the MAC addresses of all the IP units to be used in the system in advance by using the “Setting Information Memo” (→P. 38) etc.
* The MAC address is labeled on each unit.

Decide the static IP address for the IP unit to be used as the IP host unit.
* Use an address out of the range of DHCP assignment for the IP host unit in order to prevent the address for the IP host unit being assigned to another IP client unit by an influence of the turn-on order between the IP host unit and the router (that has a DHCP server function) etc.

Connect the IP host unit and the PC used for settings directly, and then turn them on. After a while, access “https://192.168.0.40/” from the browser on the PC. (→P. 17)

NOTES:
* When connecting a PC to the IP unit directly, use an Ethernet crossover cable.
* If a warning dialog box for security or guarding against virus programs appears when accessing the web browser, give permission.

Make the [Network setting: Individual] settings on the IP host unit. (→ P. 19)
* Set it as "Host unit".
* Set the static IP address to the IP host unit.

Update the system at [Updating the system]. (→ P. 35)

Search for the IP units (other than PC master stations) you will use in the system at [IP unit search] on the IP host unit, and open the setting window for each IP unit. (→ P. 20)

Make the [Network setting: Individual] settings on the IP client units. (→ P. 19)
* Set them as "Client unit" (if they are not set as "Client unit").
* Enter the IP address of the IP host unit.
* Select "DHCP" for acquiring IP addresses (if "DHCP" is not selected).

Update the system at [Updating the system]. (→ P. 35)

Add IP units you will use in the system at [IP unit registration] on the IP host unit. (→ P. 22)

If you will connect your site with remote sites, make the remote site connection settings. (→ P. 15)

Make the other system settings. (→ P. 20-36)

* This address is the temporary one for the initial setting.

Connect the units and the PC used for settings to the network, and then turn them on.

Search for the IP address of the IP host unit from the MAC address of the IP host unit by using IS_IPSEARCH.exe (in the CD-ROM included with the IP control unit (IS-IPC)). (If the address does not appear, repeat this step until it appears.) Then access the address from the browser on the PC. (→P. 17)

* This address is the temporary one for the initial setting.

Make the [Network setting: Individual] settings on the IP host unit. (→ P. 19)
* Set it as "Host unit".
* Set the static IP address to the IP host unit.

Update the system at [Updating the system]. (→ P. 35)

Confirm the [Network setting: Common] settings on the IP host unit. (→ P. 19)
* Confirm that the multicast addresses and/or port numbers do not overlap those of other manufacturer’s network devices connected to the same network.

NOTES:

When making the IP host unit settings before connecting the units to the network

(Log in.)

When making the IP host unit settings after connecting the units to the network

(Log in.)

START

Write down the MAC addresses of all the IP units to be used in the system in advance by using the “Setting Information Memo” (→P. 38) etc.
* The MAC address is labeled on each unit.

Decide the static IP address for the IP unit to be used as the IP host unit.
* Use an address out of the range of DHCP assignment for the IP host unit in order to prevent the address for the IP host unit being assigned to another IP client unit by an influence of the turn-on order between the IP host unit and the router (that has a DHCP server function) etc.

Connect the IP host unit and the PC used for settings directly, and then turn them on. After a while, access “https://192.168.0.40/” from the browser on the PC. (→P. 17)

NOTES:
* When connecting a PC to the IP unit directly, use an Ethernet crossover cable.
* If a warning dialog box for security or guarding against virus programs appears when accessing the web browser, give permission.

Make the [Network setting: Individual] settings on the IP host unit. (→ P. 19)
* Set it as "Host unit".
* Set the static IP address to the IP host unit.

Update the system at [Updating the system]. (→ P. 35)

Search for the IP units (other than PC master stations) you will use in the system at [IP unit search] on the IP host unit, and open the setting window for each IP unit. (→ P. 20)

Make the [Network setting: Individual] settings on the IP client units. (→ P. 19)
* Set them as "Client unit" (if they are not set as "Client unit").
* Enter the IP address of the IP host unit.
* Select "DHCP" for acquiring IP addresses (if "DHCP" is not selected).

Update the system at [Updating the system]. (→ P. 35)

Add IP units you will use in the system at [IP unit registration] on the IP host unit. (→ P. 22)

If you will connect your site with remote sites, make the remote site connection settings. (→ P. 15)

Make the other system settings. (→ P. 20-36)

* This address is the temporary one for the initial setting.

Connect the units and the PC used for settings to the network, and then turn them on.

Search for the IP address of the IP host unit from the MAC address of the IP host unit by using IS_IPSEARCH.exe (in the CD-ROM included with the IP control unit (IS-IPC)). (If the address does not appear, repeat this step until it appears.) Then access the address from the browser on the PC. (→P. 17)

* This address is the temporary one for the initial setting.

Make the [Network setting: Individual] settings on the IP host unit. (→ P. 19)
* Set it as "Host unit".
* Set the static IP address to the IP host unit.

Update the system at [Updating the system]. (→ P. 35)

Confirm the [Network setting: Common] settings on the IP host unit. (→ P. 19)
* Confirm that the multicast addresses and/or port numbers do not overlap those of other manufacturer’s network devices connected to the same network.
Flow 2
(All units: Static IP addresses are set)

* This is the outline of setting flow. Also make the detailed settings on each setting window referring to the corresponding pages.

**START**

Write down the MAC addresses of all the IP units to be used in the system in advance by using the “Setting Information Memo” (→ P. 38) etc.
* The MAC address is labeled on each unit.

Decide the static IP address for each IP unit.

Make the [Network setting: Individual] settings on each IP unit individually. (→ P. 19)

Connect the units and the PC used for settings to the network, and then turn them on respectively.

Confirm the [Network setting: Common] settings on the IP host unit. (→ P. 19)
* Confirm that the multicast addresses and/or port numbers do not overlap those of other manufacturer’s network devices connected to the same network.

Add IP units you will use in the system at [IP unit registration] on the IP host unit. (→ P. 22)
(The selected unit is added in the list whenever selected.)

If you will connect your site with remote sites, make the remote site connection settings. (→ P. 15)

Make the other system settings. (→ P. 20-36)

---

**For the IP host unit**

Connect the IP host unit and the PC used for settings directly, and then turn them on. After a while, access "https://192.168.0.40/" from the browser on the PC. (→ P. 17)

**NOTES:**
* When connecting a PC to the IP unit directly, use an Ethernet crossover cable.
* If a warning dialog box for security or guarding against virus programs appears when accessing the web browser, give permission.

Make the [Network setting: Individual] settings on the IP host unit. (→ P. 19)
* Set it as "Host unit".
* Set the static IP address to the IP host unit.

Update the system at [Updating the system]. (→ P. 35)

---

**For each IP client unit**

Connect an IP client unit and the PC used for settings directly, and then turn them on. After a while, access "https://192.168.0.40/" from the browser on the PC. (→ P. 17)

**NOTES:**
* When connecting a PC to the IP unit directly, use an Ethernet crossover cable.
* If a warning dialog box for security or guarding against virus programs appears when accessing the web browser, give permission.

Make the [Network setting: Individual] settings on the IP client unit. (→ P. 19)
* Set it as "Client unit".
* Enter the IP address of the IP host unit.
* Set the static IP address to the IP client unit.

Update the system at [Updating the system]. (→ P. 35)
Flow 3
(All units: IP addresses are assigned by the DHCP server automatically)

* This is the outline of setting flow. Also make the detailed settings on each setting window referring to the corresponding pages.

START

Write down the MAC addresses of all the IP units to be used in the system in advance by using the “Setting Information Memo” (→ P. 38) etc.
* The MAC address is labeled on each unit.

Set the router (or DHCP server) so that it assigns a static IP address to the IP unit to be used as the IP host unit.

Connect the units and the PC used for settings to the network, and then turn them on.

Access the IP address assigned to the IP host unit from the browser on the PC. (→ P. 17)
(Log in.)

Make the [Network setting: Individual] settings on the IP host unit. (→ P. 19)
* Set it as "Host unit".
* Select "DHCP" for acquiring an IP address.

Update the system at [Updating the system]. (→ P. 35)

Search for the IP units (other than PC master stations) you will use in the system at [IP unit search] on the IP host unit, and open the setting window for each IP unit. (→ P. 20)

Make the [Network setting: Individual] settings on the IP client units respectively. (→ P. 19)
* Set them as "Client unit" (if they are not set as "Client unit").
* Enter the IP address of the IP host unit.
* Select "DHCP" for acquiring IP addresses (if "DHCP" is not selected).

Update the system at [Updating the system]. (→ P. 35)

Confirm the [Network setting: Common] settings on the IP host unit. (→ P. 19)
* Confirm that the multicast addresses and/or port numbers do not overlap those of other manufacturer’s network devices connected to the same network.

Add IP units you will use in the system at [IP unit registration] on the IP host unit. (→ P. 22)
If you will connect your site with remote sites, make the remote site connection settings. (→ P. 15)

Make the other system settings. (→ P. 20-36)
Remote site connection settings

You need to make the remote site connection settings to enable communication between your site and remote sites. Make the settings by following the procedure below after the network settings for your site have finished.

* This is the outline of setting flow. Also make the detailed settings on each setting window referring to the corresponding pages.

Procedure

Complete the network settings for your site by following Flow 1, Flow 2 or Flow 3. (→ P. 12-14)

Get the following information for the remote sites you will connect with your site.

"Global IP address"
"Connection port: global"
"Connection Password"

Set the following setting items on the IP host unit. (→ P. 19)

[Network setting: Individual] :
"Default Gateway"
[Network setting: Common] :
"UPnP"
"Global IP address"
"Audio/video port"

Make the [Area/Site registration] on the IP host unit. (→ P. 21)

* Select "Site" with the "Area/Site" pull-down menu and enter the information of the site you will connect.

Update the system at [Updating the system]. (→ P. 35)

Open the [IP unit registration] window on the IP host unit, and then click the [Port forwarding setting] button. (→ P. 22)

* Another window opens and the port forwarding setting contents are displayed.

Set the router with the port forwarding setting contents you confirmed in the previous step.
STARTING UP THE SYSTEM AND PREPARING FOR THE SETTINGS

The system settings are mainly made on the PC by accessing the web browser for the settings incorporated with the IP control unit (IS-IPC) as the IP host unit. It is recommended to use only one PC for the settings that is connected to the system.

System requirements for PC

Your PC and operating environment must meet the following system requirements to make the settings.

<table>
<thead>
<tr>
<th>Network</th>
<th>10BASE-T Ethernet, 100BASE-TX Ethernet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web browser</td>
<td>Internet Explorer 6.0 or later (with Internet Options SSL 3.0 enabled)</td>
</tr>
</tbody>
</table>

Starting up the system

1. Connect a PC to the IP control unit.

[When connecting a PC to the IP control unit via a hub (switch)]

NOTES:
- Be sure to connect the CAT5e/6 cable to the LAN ports of both units.
- The IP address of IP control unit is set to (192.168.0.40) and Subnet Mask is set to (255.255.255.0) as default. Change the IP address of your PC if needed.

[When connecting a PC to the IP control unit directly]

NOTES:
- When connecting a PC to the IP control unit directly, use an Ethernet crossover cable.
- The IP address of IP control unit is set to (192.168.0.40) and Subnet Mask is set to (255.255.255.0) as default. Change the IP address of your PC if needed.

(Continued on next page)
2. Press down the "I" side of POWER switch to turn on the unit.
   * It may take long until the unit gets started.
   * Turn on all the units constituting the system depending on the network setting method.
   * The status LED of an IP video door station changes from red lighting to orange blinking.
     (When the settings have correctly made, it changes to orange lighting.)
   The status LED of an IP master station changes from red lighting to red blinking.
     (When the settings have correctly made, it turns off.)

3. Start up the PC, and then open the browser window.

4. Enter the (static) IP address assigned to the IP control unit to access the web browser for settings.
   Default: https://192.168.0.40
   After selecting English as the target language, the login window of the web browser is displayed.

5. Log in to the system by setting the following items.
   * ID
     Enter "aiphone".
   * Password
     Enter "aiphone".
   * Login
     Click [Login] to display the setting window.
   * When you log in for the first time, the [Registration] window appears. Register your system as needed.
     (When registering your system, if you use an IS-SOFT in the system, enter the license key of the IS-SOFT.)

NOTE:
Be sure not to log in to the system more than once at the same time by opening multiple browser windows on the PC.

Go to the next page.
THE SYSTEM SETTING DETAILS

The basic setting procedure

When you have logged in to the system, the setting window appears. You can make the settings on this window.

* Make sure to refer to the on-screen instructions and comments displayed on each window when you make the settings.
* Depending on the PC and its OS or environment, the display may differ.

<Setting window example>

Setting contents display area
The setting items of the selected setting title and their details are displayed here.

Table of contents
The setting titles are listed here. Click the title on which you want to make the settings to display the corresponding setting window.

Instructions area
The instructions for settings are displayed here.

The setting procedure

1 Click a title in the table of contents on which you wish to make the settings.
   The setting window of the title is displayed.

2 Make the settings on the setting items individually.

3 When you have finished making the settings on the current window, click [Temporarily stored] to save the setting results temporarily.
   * If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu. (If you change the current window to another without storing the setting results temporarily, a pop-up window appears asking if you want to store the results temporarily or not.)

4 Repeat step 1 to 3 to make the settings on the other titles.
   * To log out of the system, click [Logout] in the table of contents.
Making network settings to each IP unit
[Network setting: Individual]

Make the settings for network to each IP unit connected to the system according to your requirements.

1. Click **Network setting: Individual** in the table of contents.

2. Make the settings on the following items displayed in the setting window.
   - **[Host unit setting]**: Set this unit as either “Host unit” or “Client unit”. When set to “Client unit”, also enter the IP address of the IP host unit.
   - **[System name]**: Required. When “Host unit” is selected at [Host unit setting], it is required to enter a name for this system.

Selecting the network setting method
Set a (static) IP address to this unit. Select the method for acquiring a (static) IP address between [DHCP] and [Static IP Address].

   - **[DHCP]**: Check this when you will acquire an IP address with DHCP. *A DHCP server (or a router) is required to acquire an IP address with DHCP. A router may not have the setup function depending on some models. For information about setting a router, see the instruction manual for the router.
   - **[Static IP Address]**: Check this when you set the static IP address manually, and then enter the static IP address suitable for the network you are using, subnet mask, etc. *It is required to enter the static IP address and subnet mask.

   - **[Unit name]**: Enter a name for this unit. *This name is used for searching for this unit in the network. If not named, this unit is recognized only by the unit (station) type and MAC address.

   - **[Connection port], [Connection Password]**: Required. Enter the port number for controlling communication and the password for security. Use the same port number and password among the IP host unit and IP client units within the site.

**NOTES:**
- The IP host unit must not have an IP address identical to the IP address of a remote site’s IP host unit.
- The items that cannot be entered or selected are grayed out.

3. Click **Temporarily stored** to save the current setting results temporarily.
   - If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.

4. When the settings on this window have finished, update the system from [Updating the system]. (→P. 35)

Making network settings for the whole system [Network setting: Common]

Make the network settings for the whole system on the web browser of the IP host unit.

1. Click **Network setting: Common** in the table of contents.

2. Make the settings on the following items displayed in the setting window.
   - **[UPnP]**: If you do not use UPnP, set [UPnP] to OFF.
   - **[Global IP address]**: When [UPnP] is set to OFF, enter the static global IP address of the router for use in your site.
   - **[Multicast address 1 – 5]**: Required. Enter the multicast addresses for the following:
     1: For sound communication for paging between sites
     2: For sound communication for paging in your site
     3: For sound communication for chime
     4: For video communication in your site
     5: For video communication between sites *Do not use multicast addresses that overlap those of other devices connected to the same network.
   - **[Audio/video port]**: Required. Enter the port numbers used for audio and video communication. *Do not use port numbers that overlap those of other devices connected to the same network.

3. Click **Temporarily stored** to save the current setting results temporarily.
   - If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.
Setting the administrator ID and password
[Administrator setting]

We recommend that you change the administrator ID and password from default to unique ones for security purposes.

* This setting can be made to each of the IP units in your site.
* "aiphone" is preset as the default for both ID and password.

1 Click Administrator setting in the table of contents.

2 Make the settings on the following items displayed in the setting window.

   - [New administrator ID]: Enter the new ID.
   - [Current Password]: Enter the current password.
   - [New Password]: Enter a new password.
   - [New Password (Re-type)]: Enter the new password again.

3 Click Temporarily stored to save the current setting results temporarily.
   * If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.

NOTE:
The system administrator must keep the ID and password without fail. If you forget the ID and password, you must initialize the unit, thus all the setting contents return to default.

Confirming the IP units connected to the system [IP unit search]

Before configuring system wide settings, confirm the IP units are connected to the network, and set the network setting for each IP unit using [IP unit search].

1 Click IP unit search in the table of contents.

2 Click [IP unit search].
   All the IP units connected to the system are displayed in the list.
   * If IP units are not displayed, repeat this step until displayed.

3 Confirm the "Station type", "MAC address" and "Unit name" of the IP units in the list.

4 To make or change settings to an IP unit, check the box for the target IP unit and click Open the setting window.
   Another window opens. You can make settings for the target IP unit individually. (→ P. 19)

5 Close the window.

* Repeat step 3 to 5 to make settings to other IP units.

NOTES:
• This procedure cannot search for PC master stations (IS-SOFT) and it is not a system failure. To add a PC master station (IS-SOFT) in the system, install the application (IS-SOFT) to a PC before connecting it to the network and see page 22.
• It may be required to log in to open the setting window, and update the system at [Updating the system] before closing the window.
Registering areas and remote sites

[System setting – Area/Site registration]

Register areas (for separating stations in your site) and/or remote sites. The number to which a name is entered is registered as an area or site number. Up to 99 areas and/or sites (up to 31 for sites only) can be registered.

1. Click **Area/Site registration** in the table of contents.

2. Enter an area name in the cell for the area number 01.
   * Be sure to enter an area name. A site cannot be registered to the number 01.
   * The figures under “Number” in the tables means the area or site numbers.

3. Enter area and/or site names in the cells for other numbers to register more areas and/or sites.
   * Select “Area” or “Site” from the pull-down menu of “Area/Site”.
   * For a site, enter the IP address (global IP address of the target site), port number and connection password for the target site.
   * For a site, set “Door release” to enable (ON) or disable (OFF) the door release action from the target site.

4. Click **Temporarily stored** to save the current setting results temporarily.
   * If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.

**NOTES:**
* Be sure to register at least one area to the area number 01. (“1” is entered in the cell for the area number 01 as default.)
* A call number displayed on the master station monitor consists of an area number plus a station number (when called from within your site).

Registering zones

[System setting – Zone registration]

Register zones for paging (transmitting announcements and chime) in your site. The number to which a name is entered is registered as a zone number. Up to 99 zones can be registered.

* Zones are groups of stations designated for paging and chime paging.

1. Click **Zone registration** in the table of contents.

2. Enter a zone name in the cell for the target zone number.
   * The figures under “Number” in the table means the zone number.

3. Enter zone names in the cells for other numbers to register more zones.

4. Click **Temporarily stored** to save the current setting results temporarily.
   * If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.
Registering IP units [System setting – IP unit registration]

Register IP units by selecting from the connected ones to the system.

* To register a PC master station, first install the application (IS-SOFT) to a PC, then connect the PC to the network and then start IS-SOFT.

1. Click IP unit registration in the table of contents.

2. Click IP unit search.

   All the IP units connected to the system are displayed in the [Search result] on the lower side of the window.
   * If IP units are not displayed, repeat this step until displayed.

3. Check the boxes for the IP units you want to register, and then click [Add to the imported IP units list].

   The checked IP units are registered and displayed in [Imported IP units list] on the upper side of the window.

4. Enter data or change settings for the registered IP units as needed.
   * For "Port number", the sequential numbers are automatically assigned as needed. (You can also enter port numbers manually.)
   * Do not use port numbers that overlap those of other devices connected to the same network.

   - Port number auto-setting
     Click this to assign sequential port numbers automatically.

   - Port forwarding setting
     Click this and you can confirm the port forwarding settings to be made on the router in another window.
     * If [UPnP] is set to OFF at [Network setting: Common], make the port forwarding setting on the router with the set contents in this window manually.
     * Click [Reload] on this window to update the current port forward setting, and click [Close] to close this window.

5. Click Temporarily stored to save the current setting results temporarily.

   * If you wish to cancel the setting results you have made, click a title in the table of contents or "Refresh" in the web browser menu.

NOTE:
A PC master station must be also registered as an IP unit. First install the application (IS-SOFT) to a PC, then connect the PC to the network and then register it.

Registering control units [System setting – Control units composition]

Register all the control units (other than IP control units) connected to the system.

1. Click Control units composition in the table of contents.

2. Click to check the radio button under "Connected" for the unit you will register.

   Connected: yellowish green
   Not connected: gray

   Shows a port no. of the central control unit to connect with a room sub control unit or add-on control unit.

   Shows the ID setting of the room sub control unit or add-on control unit set by the ID setting switches. (Refer to the “INSTALLATION MANUAL” for the local system for details about setting the ID setting switches.)

3. Click Temporarily stored to save the current setting results temporarily.

   * If you wish to cancel the setting results you have made, click a title in the table of contents or "Refresh" in the web browser menu.
Registering stations and PA outputs
[System setting – Registering stations]

Register all the stations and PA outputs connected in the system, and set the area, station no., station name (or PA output name) and type of station (for sub stations: video door/audio door/room sub stations other than IP stations) to them.

1. Click **Registering stations** in the table of contents.

2. Set the area, station no., station name and type of station (for sub stations other than IP stations) to the target stations, and enter names to the target PA outputs.

   - **Setting the station no.** is required to register the station to the system.
   - Shows a port no. of the control unit to connect with a station.
   - It is required to enter a name to the target PA output when an external unit is connected to the corresponding PA output terminals.
   - For a cell with the ✔ mark, select the target one from the pull-down menu.
   - Do not set stations with the same number in an area.

   **NOTE:**
The name of a master station displayed on its monitor in standby mode is up to 16 alphanumeric characters.

**Other buttons**

- **Connection check**
  Click to confirm the connected units.
  - Connected: yellowish green
  - Not connected: gray
  - Station type error: pink

- **[Collective setting]:**
The following buttons are used to make the settings to all the checked stations at one time.
  - Pressing each button opens another window.

  **NOTE:**
  Be sure to check all the target stations before using these buttons.

- **Area**
  Click to set the same area number to all the checked stations.

3. Click **[Temporarily stored]** to save the current setting results temporarily.

   - **Station number**
     Click to assign sequential numbers to all the checked stations from top to bottom. The number you enter will be set as the first number and will be assigned to the top station of the ones checked. Other checked stations will be numbered sequentially.

   - **Station name**
     Click to assign the same station (and/or PA output) name and sequential numbers to all the checked stations (and/or PA outputs) from the top down. Enter a name only.

   - **Station type** (sub stations other than IP stations)
     Click to set the same station type to all the checked sub stations.

**How to select multiple stations**

- Click to check the stations and PA outputs you will register.

- By clicking the button for the control unit, all the stations and PA outputs connected to it are checked or canceled.

- By clicking the button on the top of the list, you can check or cancel all the stations and PA outputs on the list.

- If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.
Making detailed settings to stations and control units
[System setting – Advanced station settings]

Make detailed settings for the registered stations and control units (other than the IP control unit). The settings can be made to a station or control unit individually, or multiple stations of the same type at a time. The setting items differ from the station or control unit type. First select a station (or stations) or control unit, and then open the “Advanced settings” window to make the settings.

Basic setting procedure

Click Advanced station settings in the table of contents.

Click to check the station(s) or control unit where detailed settings are to be made.
* Multiple stations of the same type can be set together. (Control units should be set respectively.)
* All stations of the same type can be selected by clicking the corresponding button under [Select all by type].

Click Advanced settings.
The “Advanced settings” window for the selected station type or control unit opens.

Make the settings in the displayed windows.

When you have finished making all the detailed settings:
Click Temporarily stored to save the current setting results temporarily.
* If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.

Making detailed settings to door stations or room sub stations

NOTE:
Make the settings to door stations or room sub stations respectively. You cannot select a video door station, audio door station and a room sub station at the same time.

The following setting item buttons are displayed in the “Advanced settings” window.

* Click one of the buttons A, B and C to open the corresponding setting window, and then make the settings in the displayed window(s). See the detailed instructions for A, B or C below.

* Click Close to close the current window and return to the previous window.

A Settings on [Called stations] setting window
Set the master station(s) in your site and/or a remote site that is (are) to be called from the selected station(s).
* Up to 20 master stations in your site can be set. Or up to 19 master stations in your site and a remote site (up to 20 master stations are to be set at the remote site) can be set.

1 Select the “Call priority” from the pull-down menu.
2 Click Reference to open another window, then check the target master stations, and then click Close to return to the previous window. The selected master stations are added and displayed in the list.
* Click Remote sites to open another window for selecting the remote site as the target to be called from the selected station(s).

* Set up to 20 master stations.

<table>
<thead>
<tr>
<th>Aces/Site</th>
<th>Station number</th>
</tr>
</thead>
<tbody>
<tr>
<td>011</td>
<td>001</td>
</tr>
<tr>
<td>011</td>
<td>002</td>
</tr>
<tr>
<td>011</td>
<td>003</td>
</tr>
</tbody>
</table>

* To delete a station (or stations) and/or remote site from the list, check the targets in the list and click Delete

3 Repeat step 2 to add more master stations.
4 Click Close to close the current window and return to the previous window.
B Settings on [Contact input] window (for room sub stations only)

Make settings for contact input.

- **[Contact type]**:
  Select either Normally open (NO) or Normally closed (NC).

- **[Call priority/Answering the page]**:
  You can select the action of the station when detecting input between ‘calling with appropriate priority’ and ‘answering the page’.
  Select “Normal”, “Priority”, “Urgent” or “Answering the page”.

- **Close**
  Click this to close the current window and return to the previous window.

C Settings on [Other] window

- **[Transmit volume boost at PTT]**:
  Select whether to increase the press-to-talk sound volume transmitted to the stations (ON) or not (OFF).

- **[Camera zoom image preset] (video door stations only)**:
  Select the default of camera’s Zoom/Wide function at calling from the 9 zoom positions and “0” (wide) from the pull-down menu.

- **[Call acknowledge tone on/off]**:
  Select whether to sound the call acknowledge tone of door station or room sub station (ON) or not (OFF).

- **[Backlight adjustment] (video door stations only)**:
  Select the method of adjusting the backlight in the daytime between “Exposure +” and “Exposure –”.

- **[Speaker] (room sub stations only)**:
  Select the speaker to be used between “Built-in speaker” and “External speaker”.
  * When “External speaker” is selected, no sound will be output from the built-in speaker.

- **Close**
  Click this to close the current window and return to the previous window.

About the priority

The order of priority for actions (communication, calling, paging, monitoring, etc.) is as follows depending on the priority setting.

<table>
<thead>
<tr>
<th>Priority</th>
<th>Setting</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 (high)</td>
<td>[Urgent],</td>
<td>Communication, calling, paging, chime paging</td>
</tr>
<tr>
<td>2</td>
<td>[Priority]</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>[Normal]</td>
<td>Monitoring, scan-monitoring</td>
</tr>
<tr>
<td>4 (low)</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

Making detailed settings to master stations

The following setting item buttons are displayed in the “Advanced settings” window.

- **D Settings on [Stations to be scan monitored] window**
  Set the scan-monitoring target sub station(s).
  * Up to 20 sub-stations in your site can be set.

  1. Click [Reference] to open another window, then select the target stations, and then click [Close] to return to the previous window.
  2. The selected stations are added and displayed in the list.
  3. To delete a station (or stations) from the list, check the target station(s) in the list and click [Delete].

- **E Settings on [Other] window**
  - **[Master station function: paging, chime, monitor, door release, and remote site call]**:
    Select whether to enable the following functions of master station (ON) or not (OFF).
    - Starting paging
    - Starting chime paging
    - Monitoring/scan-monitoring
    - Releasing door
    - Remote site call

  * **Close**
    Click this to close the current window and return to the previous window.
Making detailed settings to the central control unit(s), add-on control unit(s) or room sub control unit(s)

NOTE:
Make the settings to the central control unit(s), add-on control unit(s) or room sub control unit(s) respectively. You cannot select multiple control units at the same time.

The following setting item buttons are displayed in the "Advanced settings" window.

* Click either the button [F] or [G] to open the corresponding setting window, and then make the settings in the displayed window(s). See the detailed instructions for [F] or [G] below.

* Click [Close] to close the current window and return to the previous window.

**F** Settings on [Contact input] window (for central control unit(s) only)

Set the input method to each of the CONTACT INPUT terminals.

1. Select the input terminal from S1 to S4 from the pull-down menu.

2. [Contact type]:
   Select either Normally open (NO) or Normally closed (NC).

3. [Trigger condition]:
   Select [None], [Broadcast chime] or [Stop chime] as the trigger condition. When an input is detected, the selected action is triggered.
   - [None]:
     None will be triggered if an input is detected.
   - [Broadcast chime]:
     Chime paging to the designated zone is triggered if an input is detected.
   - [Stop chime]:
     The currently-transmitted chime is stopped if an input is detected.
   * Only when [Broadcast chime] is selected, the following items are valid.

**G** Settings on [Contact output] window

Set the trigger condition to each of the CONTACT OUTPUT terminals.

1. Select an output terminal from the pull-down menu.

   * Select from L1 to L8 for the central control unit, and * select from L1 to L4 for the add-on control unit and room sub control unit.

2. [Contact type]:
   Select either Normally open (NO) or Normally closed (NC).

3. [Trigger condition]:
   Select the action as the trigger condition from among the following. When the selected action is detected, output is triggered.
   - [None]:
     No output will be triggered.
   - [Calling notice]:
     Set ON or OFF for “Normal”, “Priority” or “Urgent”.
   - [Door release]:
     Select one of the registered sub stations in the list to which an electric door strike is connected. (Click Reference and then select the target station.)
   - [External sound source] (central control unit(s) only):
     Select either “External sound source 1” or “External sound source 2” connected to the central control unit.
   - [PA output]:
     Select from among “PA output 1” to “PA output 4” connected to the control unit.

4. Repeat step 1 to 3 to make the settings to other terminals.

5. Click [Close] to close the current window and return to the previous window.
Registering stations and PA outputs to zones
[System setting – Zone setting]

Assign stations and PA outputs to the registered zones.

1. Click Zone setting in the table of contents.

2. Select a zone from the pull-down menu.

3. Click Reference to display all the registered stations in your site.

   Another window opens and the registered stations are displayed in the list.

4. Check to select the target stations.

   Select stations in the following ways.
   • Select stations by checking one by one.
   • All stations of the same type can be selected by clicking the corresponding button under [Select all by type].
   • By clicking the button for the control unit, all the stations connected to it are checked or canceled.
   • By clicking the button on the top of the list, all the stations are checked or canceled.

5. Click Close after you have finished selecting the stations.

   In the previous window, the selection results are displayed in the list.
   * When canceling a registered station, check the station in the list, then click Delete.
   * Register PA outputs in the same way as the stations.

6. Click Temporarily stored to save the current setting results temporarily.

   * If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.

Registering sound sequences
[Chime setting – Registering sound sequences]

Register sound sequences for chime.

* Up to 20 sequences can be registered.

1. Click Registering sound sequences in the table of contents.

2. [Sound sequence number]:

   Select the sound sequence number to register a sound sequence from the pull-down menu.

3. [Sound sequence name]:

   Enter the name of sound sequence.

4. Click Add to add sound files to the sound sequence.

   Another window appears.

5. [Step]:

   Select an unused step number from the pull-down menu.
   * If the selected step number is already used, it can be set with a new sound source and the old and subsequent ones are renumbered with the following numbers.
   * If an unused number exists before the number you selected, the unused number is re-selected automatically.
   * Up to 10 steps can be used.

6. [Sound source]:

   Select a sound file from the registered ones and set the repeating time (from 1 to 10) of the sound.

7. When you have finished the setting on this window, click Close.

   In the previous window, the registered sound files are displayed in the list.

8. Repeat step 2 to 7 to register more sound sequences.

   Other buttons
   • Edit
     If you wish to modify, check the file in the list, and then click Edit.
   • Delete
     When deleting an added sound file, check the file in the list, and then click Delete.

9. Click Temporarily stored to save the current setting results temporarily.

   * If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.

NOTE:
It is required to register sound source(s) on the IS-CCU connected to the IS-IPC (as the IP host unit) directly before making this setting.
(→P. 36)
Registering daily chime schedule
[Chime setting – Registering daily chime schedule]

Up to 10 daily schedules can be registered.

1 Click **Registering daily chime schedule** in the table of contents.

2 [Schedule number]:
Select the schedule number to register the daily schedule from the pull-down menu.

3 [Schedule name]:
Enter the name of daily schedule.

4 Click **Add** to add programs.
Another window appears.

5 [Chime time]:
Set the starting time (hour, minute and second).

6 [Sound source]:
Check [Sound file], [Sound sequence] or [External sound source], and select a file, sequence or external sound source from the pull-down menu.

7 [Zone number]:
Select the target zone for transmitting chime from the pull-down menu.

8 [Chime priority]:
Select the priority of transmitting chime from among “Normal”, “Priority” or “Urgent” from the pull-down menu.

9 When you have finished the settings on this screen, click **Close**.
In the previous window, the added program is displayed in the list.

10 Repeat step 4 to 9 to add more programs.

Other buttons
- **Edit**
  If you wish to modify a program, check the program in the list, and then click **Edit**
- **Delete**
  When deleting a program, check the program in the list, and then click **Delete**

11 Click **Temporarily stored** to save the current setting results temporarily.

Setting chime schedule
[Chime setting – Chime schedule setting]

You can set a weekly chime schedule or individual daily schedule.
* The settings can be made to 1 year ahead.

1 Click **Chime schedule setting** in the table of contents.

2 Make the settings by clicking **Weekly schedule**, **Individual schedule** and **Schedule download** respectively to open the corresponding window.

3 Make the settings in the displayed window(s).

See the detailed instructions for **H**, **I** or **J** on the next page.

4 After the setting is finished on the corresponding window, click **Close** to close the window.

Calendar and setting status can be checked for the selected month.
The registered daily chime schedules are identified by colors and shown on the calendar.

5 Click **Temporarily stored** to save the current setting results temporarily.
* If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.

6 When the settings on this window have finished, update the system from **[Updating the system]**. (→P. 35)
H Settings on [Weekly schedule] setting window

1) Select either [Every week] or [Every other week].
2) Set the schedule start and end dates.
   * The monthly calendar is displayed by clicking [Refer calendar] and you can select the start and end dates.
   * If necessary, you can change the month by clicking [ ] or [ ].
3) Set one of the registered daily chime schedules or no schedule to each day of the week. (Select one from the pull-down menu.)

I Settings on [Individual schedule] setting window

Set an individual schedule to the target date.
* [Individual schedule] setting window will not open if you have not selected the target date on the calendar in the [Chime schedule setting] window.
1) If necessary, you can change the date by clicking [ ] or [ ] repeatedly.
2) [Daily chime schedule]:
   Select one of the registered daily chime schedules or no schedule (to register a new schedule), from the pull-down menu.
3) If necessary, modify a registered schedule or register a new schedule.
   * To register a new schedule:
     Click [Add].
     Another window opens. In this window, you can set [Chime time], [Sound source], [Zone number] and [Chime priority].
     When the settings have finished, click [Close] to close this window. In the previous window, the added program is displayed in the list.
     * Repeat this procedure to add more programs.
   * To modify a registered schedule:
     Check the program you wish to modify, and then click [Edit]. Another window opens. Change the settings in this window.
     When finished modifying, click [Close] to close this window.
     * You can also modify the registered schedule by adding new program(s) or deleting program(s). (To delete, check the target program(s) in the list and then click [Delete].)
     * When modified, [Daily chime schedule] changes to “Individual schedule”.
   * To delete a registered schedule:
     Select “None” from the pull-down menu of [Daily chime schedule].

J Downloading chime schedule data

You can store the chime schedule setting data in CSV format onto a PC.
* The data includes the transfer schedule setting (→P. 30) data along with the chime schedule setting data.
Setting transfer schedule
[Transfer setting – Transfer schedule setting]

You can set a weekly transfer schedule and individual daily schedule.
* The settings can be made 1 year ahead.

1 Click **Transfer schedule setting** in the table of contents.

2 Make the settings by clicking **Weekly schedule** and **Individual schedule** respectively to open the corresponding window.

   ![Weekly schedule](image1.png)  ![Individual schedule](image2.png)

   * **Individual schedule** should be clicked after the target date is clicked on the calendar.

3 Make the settings in the displayed window(s).

4 After the setting is finished on the corresponding window, click **Close** to close the window.

   Calendar and setting status can be checked for the selected month.
   The registered daily transfer schedules are identified by colors and shown on the calendar.

![Calendar](image3.png)

5 Click **Temporarily stored** to save the current setting results temporarily.
   * If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.

6 When the settings on this window have finished, update the system from **[Updating the system]**. (→P. 35)
Setting the timer [Timer setting]

Set the time for each operation.

1. Click **Timer setting** in the table of contents.

2. Set the time for the following operations respectively.
   - **[Call]**: Set the duration of call from door stations and room sub stations to [Normal], [Priority] or [Urgent].
   - **[Communication]**: Set the duration of communication between stations in the local system [In Local], in the IP system [Via IP], and communication with telephone [Telephone] (North America only) respectively.
   - **[Paging]**: Set the duration of paging.
   - **[Monitor]**: Set the duration of monitoring only one station.
   - **[Scan monitor: Switching]**: Set the duration of monitoring each station while scan-monitoring.

   **NOTE:**
   The actual duration slightly differs from the setting value.

   - **[Contact output]**: Set the duration of chime from the external sound source 1 and 2, triggered by contact output of the central control unit (IS-CCU).
   - **[Door release]**: Set the duration of door release.

3. Click **Temporarily stored** to save the current setting results temporarily.

   If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.

---

Setting stations to receive calls and zones to receive (chime) paging from remote sites [Remote site pilot call setting]

Set the master stations and sub stations to receive calls, and zones to receive (chime) paging from remote sites.

1. Click **Remote site pilot call setting** in the table of contents.

2. Make the setting by clicking **Advanced settings** for the setting items [M N O P Q] respectively to open the corresponding window.

3. Make the setting in the displayed window(s).

   See the detailed instructions for [M N O P Q] on the next page.

4. After the setting is finished on the corresponding window, click **Close** to close the window.

5. Click **Temporarily stored** to save the current setting results temporarily.

   If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.

(Continued on next page)
Settings on [Remote site master call] setting window
You can set a station (master station, door station or room sub station) that receives a call from a master station in a remote site. One station can be set for each priority.

1) Click [Reference] for “Normal”.
   All the registered stations are displayed in the list in another window.
2) Check the box for the target station in the list, and then click [Close].
   The current window closes and the set station is displayed in the [Remote site master call] setting window.

To delete a set station
Click [Delete] for "Normal".
* Selecting another station also overwrites the previous one.
Make the setting for “Priority” and “Urgent” in the same way.

Settings on [Remote site door call] setting window
You can set up to 20 master stations that receive a call from a door /room sub station in a remote site. Up to 20 master stations can be set for each priority.

1) Click [Reference] for “Normal”.
   All the registered master stations are displayed in the list in another window.
2) Check the boxes for the target master stations in the list, and then click [Close].
   The current window closes and the set stations are displayed in the [Remote site door call]/ [Remote site room sub call] setting window.

To delete a set station
Check the box for the target station and click [Delete].
* You can also select two or more stations and delete them at a time.
Make the setting for “Priority” and “Urgent” in the same way.

Settings on [Remote site room sub call] setting window
You can set up to 20 master stations that receive a call from a room sub station in a remote site. Up to 20 master stations can be set for each priority.

1) Click [Reference] for “Normal”.
   All the registered master stations are displayed in the list in another window.
2) Check the boxes for the target master stations in the list, and then click [Close].
   The current window closes and the set stations are displayed in the [Remote site door call]/ [Remote site room sub call] setting window.

To delete a set station
Check the box for the target station and click [Delete].
* You can also select two or more stations and delete them at a time.
Make the setting for “Priority” and “Urgent” in the same way.

Settings on [Remote site paging] setting window
You can set a zone that receives paging from a remote site. One zone can be set for each priority.

1) Select the target zone from the pull-down menu for “Normal”.
   * Make the setting for “Priority”, “Urgent” and “Broadcast” in the same way.

Settings on [Remote site chime] setting window
You can set a zone that receives chime paging from a remote site. One zone can be set for each priority.

1) Select the target zone from the pull-down menu for “Normal”.
2) Select a sound file or sound sequence for chime from the pull-down menu.
   * Make the setting for “Priority” and “Urgent” in the same way.
Telephone setting (North America only)

For example, the following actions are possible by using telephone. Refer to the “OPERATION MANUAL” for details.

• A communication is enabled between a sub station (other than IS-IPDV and IS-IPDVF) and telephone by setting the master station to transfer a call from a sub station to telephone.
• A door release or chime paging is possible from the registered telephone set.

The following settings can be made for communicating with telephone. Basically, use this function with the default setting. However, some features may not operate correctly depending on the exchange, PBX, etc. In that case, you may need to change the corresponding setting below.

1 Click Telephone setting in the table of contents.

2 Set the following settings.

- [Telephone connection]:
  Set whether or not to communicate with telephone (ON/OFF).

- [Called telephone number]:
  Enter up to 3 telephone numbers.

- [Call change time]:
  Set the time for changing call to the next telephone number when not answered from the current number.

- [Telephone pass code]:
  Set the code used for door release operation/chime input operation.

- [Dial pause duration]:
  Set the duration between the outgoing call number and telephone number.

- [DTMF duration]:
  Set the dial tone sending time.

- [Waiting time for ring-back-tone]:
  Set the waiting time for ring-back-tone.

- [Telephone pass code input time]:
  Set the time-out period of inputting the telephone pass code for 1 digit.

- [Dial-tone detecting time]:
  Set the dial-tone detecting time.

- [Sound detection waiting time]:
  Set the waiting time for sound detecting.

- [Sound detection time]:
  Set the sound detecting time.

- [Call detection time]:
  Set the call detecting time.

Detection setting

Make the settings for detecting outgoing call.

Outgoing call tone detection

- [Dial-tone detection]:
  Set to ON to detect dial-tone and send outgoing call number. Set to OFF to confirm the connection of exchange and send outgoing call number.

- [Outgoing call tone detection priority]:
  Give priority to either exchange signals or sound detection as the method for detecting outgoing call tone.

Called party answer detection

- [Shorter ring-back-tone than previous one]:
  Set ON/OFF of communication detection when answering while dial-tone is sounding. Set the “Ring-back-tone detection time” when set to ON.

- [End of ring-back-tone]:
  Set ON/OFF of communication detection when answering while dial-tone is not sounding. Set the “Waiting time for ring-back-tone” when set to ON.

Called party hang-up detection

- [Busy tone detection]:
  Set detection ON/OFF of busy-tone received from the exchange for ending communication.

- [Dial tone detection]:
  Set detection ON/OFF of dial-tone received from the exchange for ending communication.

- [CPC signal detection]:
  Set detection ON/OFF of CPC signal from the exchange. Set the “CPC signal detection time” when set to ON.

- [Reverse polarity detection]:
  Set detection ON/OFF of reverse polarity.

3 Click [Temporarily stored] to save the current setting results temporarily.

* If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.
### Video setting

1. Click **Video setting** in the table of contents.

2. Set the following settings for video quality.
   - **Frame Rate**: Set the frame rate selecting “1”, “2”, “5”, “7.5”, “10” or “15” fps from the pull-down menu.
   - **Quality**: Set the video quality selecting “Low”, “Middle”, “High” or “Excellent” from the pull-down menu.

3. Click **Temporarily stored** to save the current setting results temporarily.
   - If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.

**NOTE:**
Raising **Frame Rate** from 1 to 15 fps gives you a smoother image quality. Also, raising **Quality** gives you a finer image. However, if both **Frame Rate** and **Quality** are raised at the same time, a large amount of network bandwidth will be required.

### Setting time and date

#### [Time and date setting]

Set the time and date of the system, used for chime schedule and transfer schedule.

1. Click **Time and date setting** in the table of contents.

2. Set the following settings.
   - **Set current time** **Required**:
     - Set the current time and date in one of the following methods.
     - Input the current time and date manually, and then click **Manual setting**.
     - Click **Synchronized with PC** to set the current time and date by making it synchronized with the PC.
     - You can also set the current time and date by making it synchronized with NTP server **Synchronized with NTP server** as shown below.
     - If there is no power supply to the system for a long time because of power failure etc., the time and date setting may be cleared.

   - **NTP (Network Time Protocol)**:
     - Set **Synchronized with NTP server** to ON to set the current time and date by making it synchronized with NTP server. Then set the [NTP server] and [NTP port number].
       - **NTP server**:
         - Enter the IP address or domain name of the NTP server to be used as the master clock.

   - **UTC time zone**:
     - Set the time differences from Coordinated Universal Time (UTC). Set the [Hour difference] and [Minute difference] respectively.

   - **Synchronize interval**:
     - When **Synchronized with NTP server** is set to ON, the current time and date are set by being synchronized with the NTP server with the entered time interval.

   - **Daylight savings time**:
     - Set whether to utilize daylight savings time (ON) or (OFF). When set to ON, then set the start and end times (Month, Week of the month, Day of the week, Hour and Minute), and time differences (Hour and Minute).
       - It is recommended to connect the system with a PC or NTP server constantly to keep the correct time and date setting.

3. Click **Temporarily stored** to save the current setting results temporarily.
   - If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.
**E-mail setting**

You can send an e-mail when calling or send error messages etc. by e-mail. Up to 3 mail addresses can be set.

**NOTES:**
- Prepare an e-mail account for this function beforehand.
- Make sure to enter the system name at [Network setting: Individual] – [System name] to display the title with an e-mail.
- Make sure to enter primary and/or secondary DNS server information at [Network setting: Individual] (to all the IP units).
- The body of the message is only in English.

1. Click **E-mail setting** in the table of contents.

2. Set the following settings.
   - **[Email destination address]:**
     Enter up to 3 mail addresses (destination addresses).
   - **[Email source address]:**
     Enter the source mail address.
   - **[SMTP authentication]:**
     Configure SMTP authentication as required by source E-mail provider.
   - **[Mailing event]:**
     Select mailing events by setting the target ones to [ON].

3. Click **Temporarily stored** to save the current setting results temporarily.
   - If you wish to cancel the setting results you have made, click a title in the table of contents or “Refresh” in the web browser menu.

**Downloading/uploading setting data**

**[Setting file]**

You can download the setting data you have made into a file and save it on the PC. On the contrary, you can upload the setting data from the PC.

* It is recommended to download the setting data as a backup copy after you finish making settings or setting changes.

**When downloading setting data onto the PC**

1. Click **Download setting data** in the table of contents.

2. Click **Download** to download the current setting data into a file.

**When uploading setting data**

1. Click **Uploading setting data** in the table of contents.

2. Click **Upload** to upload the setting data from the PC to the system.
   - You can select the setting data file from another window, and upload it.

3. Update the system.
   - Refer to “Updating the system” below.

**NOTE:**

Uploading the setting data will overwrite the current data.

**Updating the system**

**[Updating the system]**

Update the system with the setting data you have entered (currently stored temporarily).

1. Click **Updating the system** in the table of contents.

2. Click **Update** to update the system with the setting data currently stored temporarily.

**NOTE:**

Do not turn off the system while updating the system.
Register sound files for chime sources on the central control unit (IS-CCU)

Register sound data as chime sources.

* Make this setting on the web browser of the central control unit (IS-CCU) connected to the host IP control unit (IS-IPC). The sound files are also registered to the central control unit (IS-CCU).

1 Confirm how the central control unit (IS-CCU) is connected to the system.

### A Connected to LAN
- Internet
  - Router
  - IS-IPC
  - IS-CCU

### B Not connected to LAN
- Internet
  - Router
  - IS-IPC
  - IS-CCU

2 Access the web browser of the central control unit (IS-CCU) in either way below.

Default: https://192.168.0.30

**When connected in A:**
1) Search for the central control unit (IS-CCU) at [IP unit search]. (→P. 20)
2) Select the control unit (IS-CCU) from the list by checking the box for it, and then click **Open the setting window**. The web browser of the control unit (IS-CCU) opens.
3) Log in.
4) Register sound files for chime sources. (→ “SETTING MANUAL” for the local system)
5) Update the system, and then close the window.

**When connected in B:**
1) Connect a PC to the central control unit (IS-CCU) directly.
2) On the PC, access the web browser of the central control unit (IS-CCU), and then log in. (→ “SETTING MANUAL” for the local system)
   
   Default: https://192.168.0.30
3) Register sound files for chime sources. (→ “SETTING MANUAL” for the local system)
4) Update the system, and then close the window.
This section describes the use of functions for the system maintenance. These functions are available on the web server.

### Initializing the system [Initialization]

You can reset the system settings to factory default.

1. Access the web browser and log in. (*→P. 17*)
2. Click **Initialization** in the table of contents.
3. Click **Initialization**.

### Updating the firmware [Firmware update]

#### Downloading updated firmware data

Please access our web page at [http://www.aiphone.net/](http://www.aiphone.net/) and download the firmware data on the PC to update the system. For the download procedure, see the instructions on our web page.

1. Access the web browser and log in. (*→P. 17*)
2. Click **Firmware update** in the table of contents.
3. Click **Update**. Another window opens.
4. Click **Browse...** and select the target firmware.
5. When the firmware is displayed in the window, click **Upload**. When "Update firmware." is displayed, the update process is complete.

**NOTES:**
- If the power is turned off while it is writing, the product will malfunction.
- The system may not operate normally while updating the firmware.

**NOTE:** If the update fails, try again.

### Downloading system log [System log]

You can acquire the system operation log.

1. Access the web browser and log in. (*→P. 17*)
2. Click **System log** in the table of contents.
3. Click **Download** to acquire the log from the system.
4. Confirm the log, and save it as needed.

**NOTE:** The log is overwritten constantly from the oldest records.

### Referring to the troubleshooting guide [Troubleshooting]

1. Click **Troubleshooting** in the table of contents.

The following information appears in the window.

- Information about the online-help that you can refer to when trouble occurs in setting the system
- Supported characters and symbols

### Registering your system [Registration]

1. Click **Registration** in the table of contents.
2. Click **Register** to open the registration window, and then register your system on the window.

* If you use an IS-SOFT in the system, enter the license key of the IS-SOFT.
Setting Information Memo

Record your settings information. It will need when resetting or maintenance.

<table>
<thead>
<tr>
<th>Host unit</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Network setting: Individual</td>
<td>Static IP Address</td>
<td>Subnet Mask</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Default Gateway</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Primary DNS Server</td>
<td>Secondary DNS Server</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>MAC address</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Unit name</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Connection port</td>
<td>Connection Password</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Network setting: Common |          |          |          |          |          |
| Global IP address |          |          |          |          |          |
| Connection port: global |          |          |          |          |          |
| Multicast address | 1: | 2: | 3: | 4: | 5: |

| Administrator setting | ID | Password |          |          |          |

| Client unit | Network setting: Individual / Administrator setting |          |          |          |          |          |
| # | Unit name | MAC address | IP Address | ID | Password |
| 1 |          |          |          |     |          |
| 2 |          |          |          |     |          |
| 3 |          |          |          |     |          |
| 4 |          |          |          |     |          |
| 5 |          |          |          |     |          |
| 6 |          |          |          |     |          |
| 7 |          |          |          |     |          |
| 8 |          |          |          |     |          |
| 9 |          |          |          |     |          |
| 10 |          |          |          |     |          |
| 11 |          |          |          |     |          |
| 12 |          |          |          |     |          |
| 13 |          |          |          |     |          |
| 14 |          |          |          |     |          |
| 15 |          |          |          |     |          |
| 16 |          |          |          |     |          |
| 17 |          |          |          |     |          |
| 18 |          |          |          |     |          |
| 19 |          |          |          |     |          |
| 20 |          |          |          |     |          |
| 21 |          |          |          |     |          |
| 22 |          |          |          |     |          |
| 23 |          |          |          |     |          |
| 24 |          |          |          |     |          |
| 25 |          |          |          |     |          |
| 26 |          |          |          |     |          |
| 27 |          |          |          |     |          |
| 28 |          |          |          |     |          |
| 29 |          |          |          |     |          |
| 30 |          |          |          |     |          |
| 31 |          |          |          |     |          |

* Download and save the setting data on the PC. Refer to [Setting file] for details.