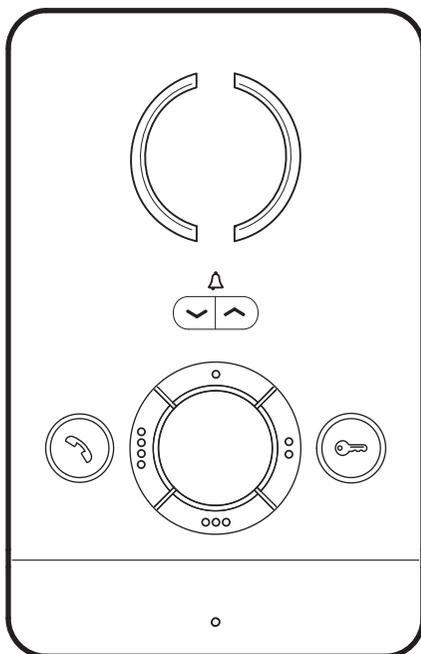




**IP INDOOR  
RECEIVER INTERCOM**

FB01094-EN



**PEC IP**

**INSTALLATION AND SETTINGS MANUAL**

## General Precautions

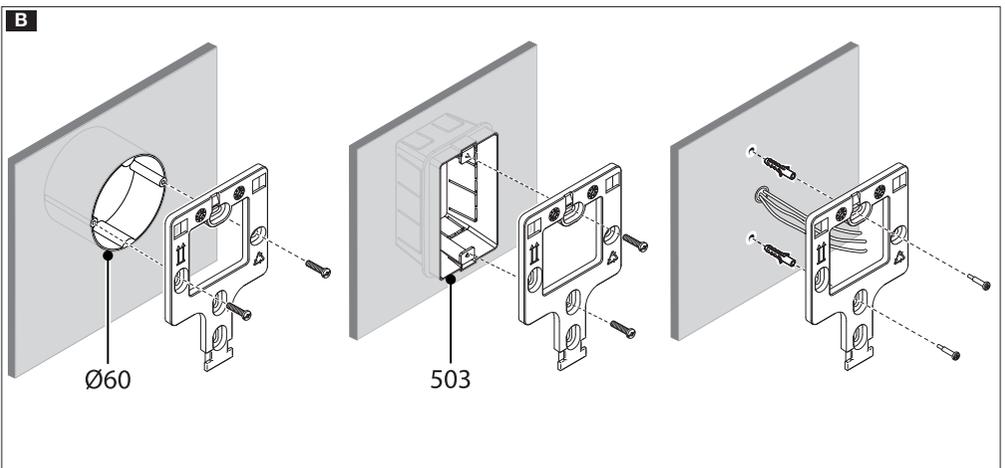
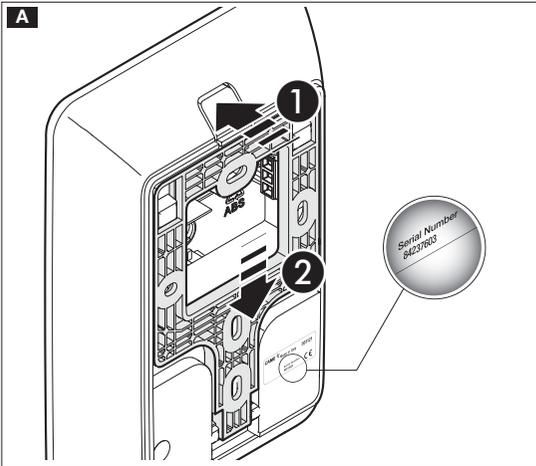
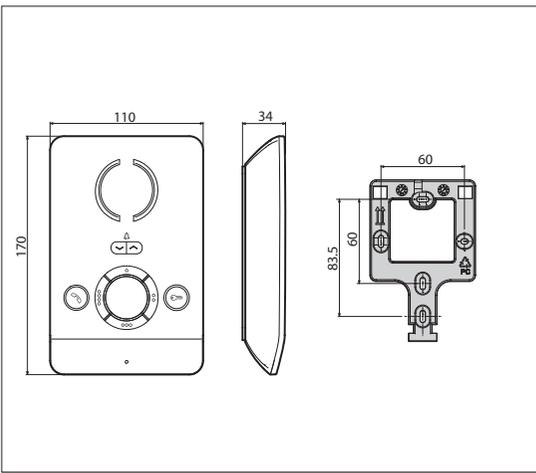
- Carefully read the instructions before starting installation and performing any procedures as explained by the manufacturer.
- Installation, programming, commissioning and maintenance should only be done by qualified and skilled staff that is trained to follow the laws in effect, including all pertinent safety regulations
- Before doing any cleaning or maintenance jobs, cut off the main power supply.
- The device must only be used for the purpose it is specifically intended and designed.
- The manufacturer declines all liability for any damage as a result of improper, incorrect or unreasonable use.

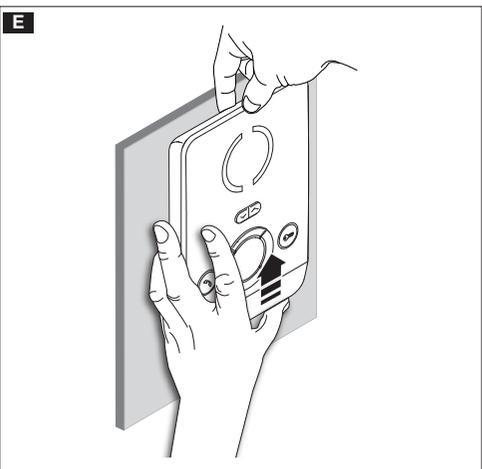
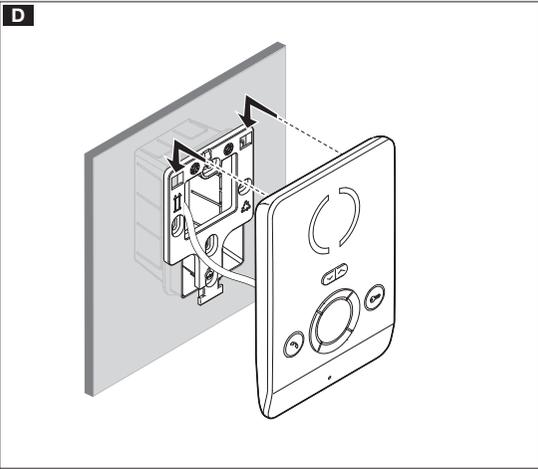
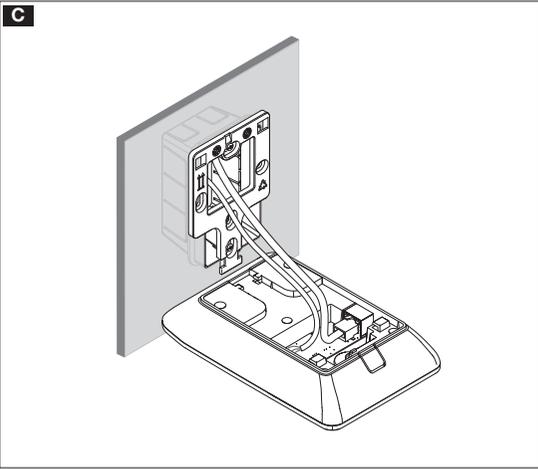
## Installing

### Mounting

- A** Press key **1**. Slide the frame away from the device
- 2**
- B** Fasten the frame to the recess-mounting box or directly to the wall. Use supplied screws and avoid tightening them excessively.
- Install the device a suitable height for the user.
- C D** Connect the wires and hook the device onto the frame.
- E** To unhook the device from the frame, press the button and lift the device.

You will need your device's serial number for the following system programming sequence.





## Technical features

Type	PEC IP
PoE absorption	Class 2 (<6.5 W) - not insulated
Storing temperature °C	-25°C ÷ +70
Operating temperature °C	+5 ÷ +40
Protection rating (IP)	30

## Characteristics of network interface

Ethernet IEEE 802.3 10/100 Base T(X), auto speed, auto half/full duplex mode, auto MDI/MDI-X

## Functional characteristics

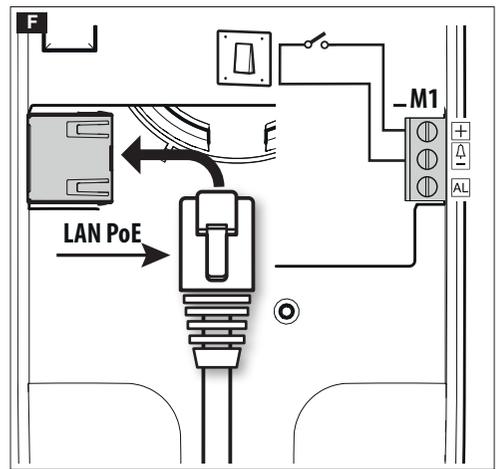
Standard SIP Protocol (rfc3261) audio  
Audio Codec G711A, G711μ

## LAN PoE **F**

Socket for connecting the device to the LAN PoE network.

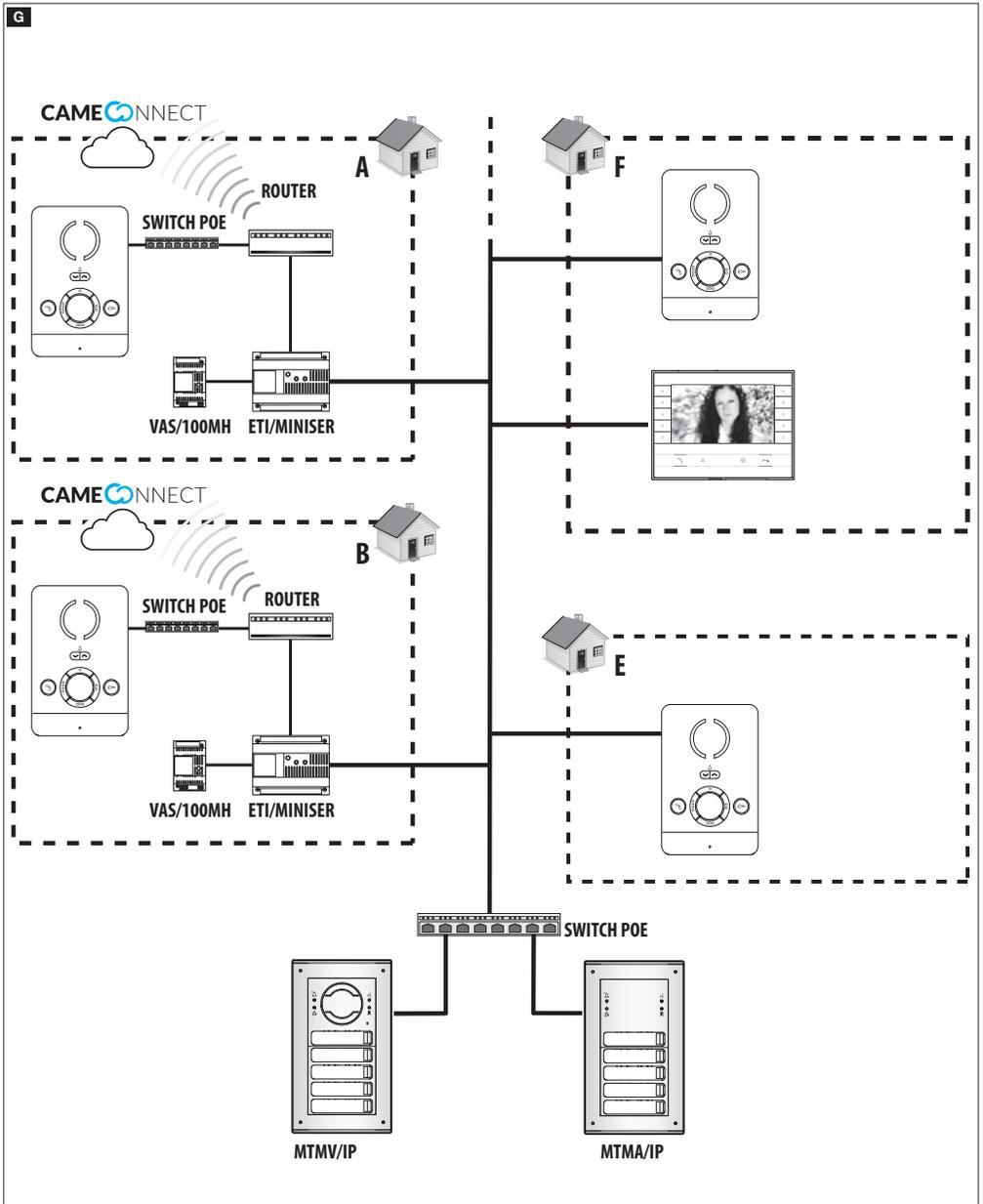
## Terminal board **F**

-  Input for incoming calls from landing
-  Default alarm input / additional ringer output



## Duplex installation diagrams

This device can operate in multi-household intercom systems.  
Using an ETI/MiniSER in an apartment is only needed for forwarding calls to mobile devices via CAMEConnect.



# Configuring and commissioning through the device's interface

## Preliminary operations on the PCS Xip

This device is an integral part of an IP360-based system, that's why the system architecture must be previously built by using the PCS Xip software.

The screenshot displays the PCS Xip software interface. On the left, a tree view shows the system architecture: XIP Multi server, ETI/miniSER, MTMA IP, IP Block 1 (1), IP Sub block (2), IP Unit 1 (3), IP PEC 1 (4), IP Unit 2, IP PEC 2, IP Unit 3, and IP PEC 3. On the right, the configuration for IP Unit 1 is shown, including IP Receiver 1, Generic SIP, Xip Mobile, Futura IP, Alias IP, TS 7/10", XTS 7 IP Slave, and IP PEC. Below this, the 'IP PEC properties' are displayed in a form: Name (PEC IP 1), Address (231.4.0), SIP username (004013 01024), and Serial No. (47001430). The SIP username field is marked with a circled 5, and the Serial No. field is marked with a circled 6.

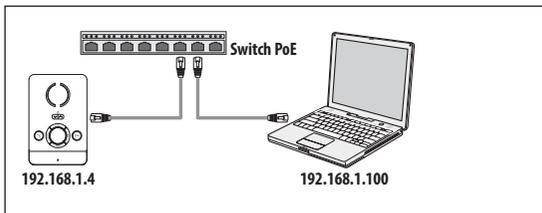
### Programming by using the SIP username

Create Block (1) and IP Sub Block (2); add the IP Units (3) and lastly the IP receivers (4); select the IP receiver you want. The features screen (5) show the code to use as [SIP USERNAME] for configuring the receiver.

### Programming by using the Serial No.

Create Block (1) and Sub Block (2); add the IP Units (3) and lastly the IP receivers (4); select the IP receiver you want. In the [SERIAL NO.] (6) box, type the serial number corresponding to the IP PEC receiver.

## Settings and commissioning by using the WEB interface



The device is configured by using a WEB interface: you need to assign, to your PC, an address that belongs to the same subnet as the device.

The default IP address for the IP PEC device is **192.168.1.4**.

**CAME BPT**  
**AUTHORIZATION REQUESTED**  
Please select your log-in Mode and the password.

Language:

Log-in Mode:

Password:

On the Chrome, Firefox, Safari browser address bar type the address of the device you want to configure - this takes you to the configuration page.

Select the **[INSTALLER]** access option and enter the password. The default password is "**112233**". This takes you to the configuration screens.

When accessing with "User" credentials (the default password for which is 123456) only lets you browse the pages that follow. You can, however, update firmware.

Accessing with "Admin" credential is only for skilled technical staff, and is for extraordinary maintenance.

**CAME BPT** Status ▾ System ▾ Network ▾ General Options ▾ Exit

**SUMMARY**

**System**

Model	IP PEC
Serial number	0x0080000f
Hardware version	0.1
Software version	0.1.0
Activity time	2d 21h 47m 46s

**Sip**

Registration status	Stored
System file status	OK

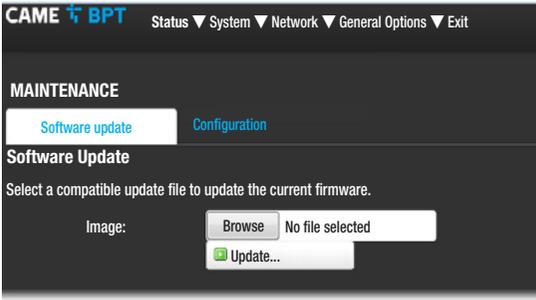
**Ethernet**

Network Status	Type: static Address: 192.168.52.237 Network mask: 255.255.255.0 Gateway: 192.168.52.1 Connected: 2d 21h 45m 44s
----------------	--

### [Status]

### [Summary]

This screen shows technical information about the device's features, the SIP account state and that of the network.

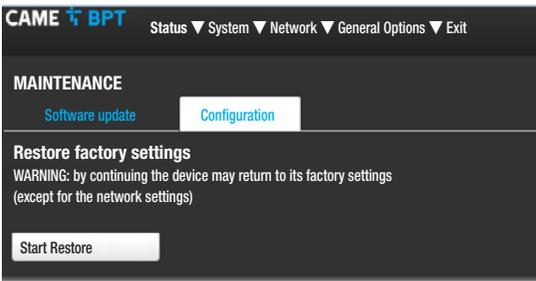
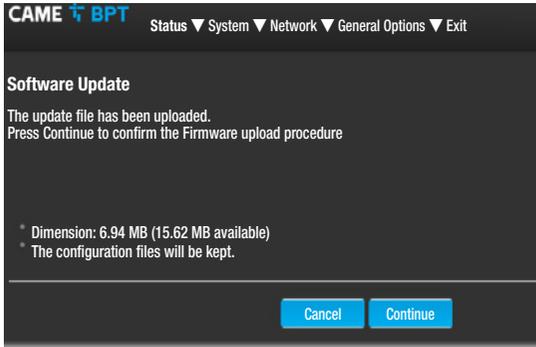


## [System]

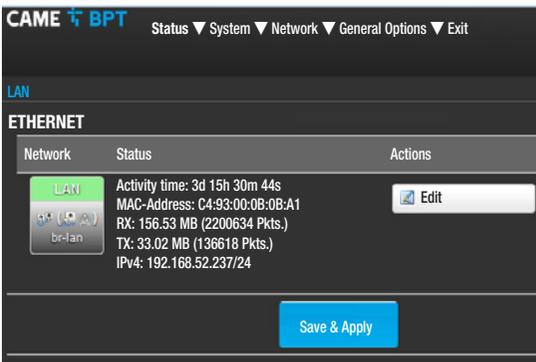
### [Maintenance]

**[SOFTWARE UPDATE]** this screenview is for updating the device's firmware, by proceeding as follows:  
Press the **[BROWSE]** key, select the file containing the firmware update in your computer and press **[UPDATE]**.

Press **[CONTINUE]** on the next screenview to confirm the update.



**[CONFIGURATION]** this menu lets you restore the device to its factory settings, except for the network settings, by pressing the **[START RESTORE]** key.



## [Network]

### [Ethernet]

**[EDIT]** This is for setting the network parameters.

**CAME BPT** Status ▾ System ▾ Network ▾ General Options ▾ Exit

**LAN**

**INTERFACES - LAN**  
Network interface configuration

**Interface Configuration**

**General Settings**

Status  Activity time: 3d 0h 41m 25s  
MAC-Address: C4:93:00:0B:A1  
br-lan RX: 136.28 MB (1883137 Pkts.)  
TX: 32.05 MB (133511 Pkts.)  
IPv4: 192.168.52.237/24

Mode

IP address

Netmask

Gateway

DNS

**[MAC ADDRESS]** Device's Mac address cannot be edited

**[MODE]** It is for choosing addresses between:  
- DHCP: the device's IP address is assigned to the DHCP server.

- Static: the device's IP address is assigned manually

**[IP ADDRESS]** If you have chosen to use a static IP, enter the device's IP address in this space. The address needs to belong to the same subnet as the router and as the other connected devices; the default address is "192.168.1.4".

**[NETMASK]** Indicate the subnet mask (if different from the default setting).

**[GATEWAY]** Should it be necessary to route data traffic towards other subnets, you can indicate a gateway in the relevant space.

To save the changes press the corresponding button at the bottom of the page.

**[DNS]** Enter a valid DNS address (e.g. 8.8.8.8).

Press the key **[BACK]** to go to the page that summarizes the settings.

## [General Options]

### [Sip Settings]

**[MODE]** It is for selecting the configuration mode.

If the **[MANUAL]** mode is chosen, the following parameters must be entered:

**[USERNAME]** In this space type the **[SIP USERNAME]** PCS Xip-assigned to the device.

**[PASSWORD]** (missing by default): In this space type the password assigned in the credential of the Xip receiver on the server's setup screen.

**[NAME DISPLAYED]** This parameter is assigned by the programming tool. It is automatically updated after proper configuration.

**[SERVER]** In this space enter the server's IP address. Default IP addresses of the CAME-BPT servers: ETI/MiniSER and ETI/DOMO XIP: 192.168.0.3 (port 0) - 192.168.1.3 (port 1); ETI/SER: 192.168.1.1; MTMV-MTMA/IP and DC-DVC/IP: 192.168.1.5

The **[REGISTRATION STATE]** line will read **[REGISTERED]** if the procedure has been successful, otherwise it will read **[NOT REGISTERED]**.

To save the changes press the corresponding button at the bottom of the page.

**CAME BPT** Status ▾ System ▾ Network ▾ General Options ▾ Exit

**SIP SETTINGS**  
System type configuration and SIP credentials settings

**Sip settings**

Mode

Username

Password

Name displayed

Server

**Status**

Registration status

**CAME BPT** Status ▾ System ▾ Network ▾ General Options ▾ Exit

### STATUS

#### System

Model	IP PEC
Serial number	0x0080000f
Hardware version	0.1
Software version	0.1.0
Activity time	2d 21h 47m 46s

#### Sip

Registration status	Stored
System file status	OK

#### Network

Network Status	 Type: static br-lan Address: 192.168.52.237 Network mask: 255.255.255.0 Gateway: 192.168.52.1 Connected: 2d 21h 45m 44s
----------------	---

If all operations have been properly executed and the SIP server is active, on the [STATUS]-[SUMMARY] page, the [REGISTRATION STATUS] line will read [REGISTERED], otherwise it will read [NOT REGISTERED].

**CAME BPT** Status ▾ System ▾ Network ▾ General Options ▾ Exit

### SIP SETTINGS

System type configuration and SIP credentials settings

#### Sip settings

Mode	Auto
Username	00401301024
Name displayed	IP PEC
Server	192.168.61.230

#### Status

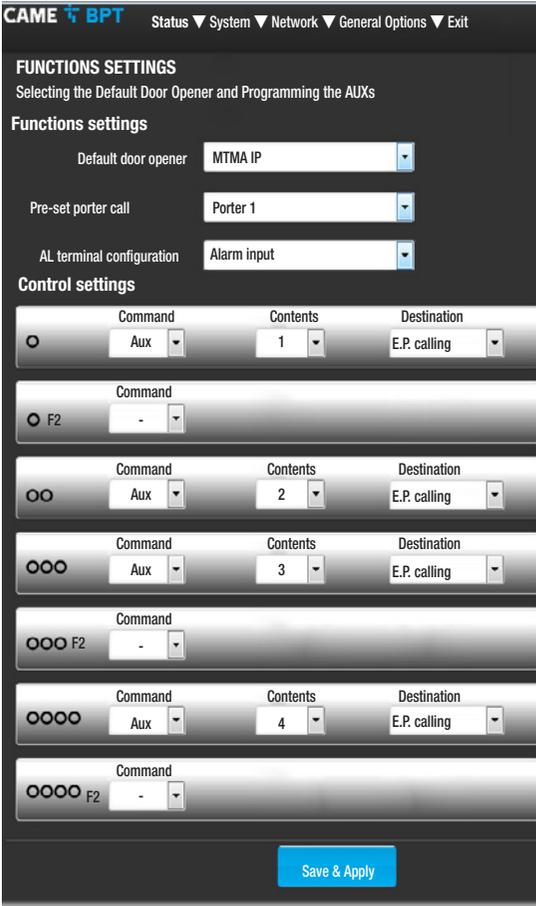
Registration status	Stored
Configuration status	OK

**Save & Apply**

By choosing [AUTO] mode the device performs a self-configuring procedure based on you own [SERIAL NO.] (see the chapter on 'Programming by using the Serial No' on p. 5) without needing to enter any other parameters.

Entering the [SERVER] parameter is optional. The [STATE OF CONFIGURATION] line will read [OK] if the self-configuration procedure was successful. Otherwise it will read [NOT VALID].

To save the changes press the corresponding button at the bottom of the page.



## [General Options]

### [Functions Settings]

This screen is for associating to each key found on the dial, one of the available controls.

From the drop-down **[DEFAULT DOOR OPENER]** menu you can select the entry panel to which to send the open door command once the key is pressed when the indoor receiver is not engaged .

From the drop menu **[PRESET PORTER CALL]** you can select which porter to send the Alarm and panic-SOS Call.

There are two possible choices for the AL terminal:

- **[ALARM INPUT]** (default)
- **[ADDITIONAL RINGER OUTPUT]**

Two different functions can be assigned to each key (except for the **oo** key).

If secondary functions are assigned to one or more keys, the key must be only associated to function F2 **oo**.

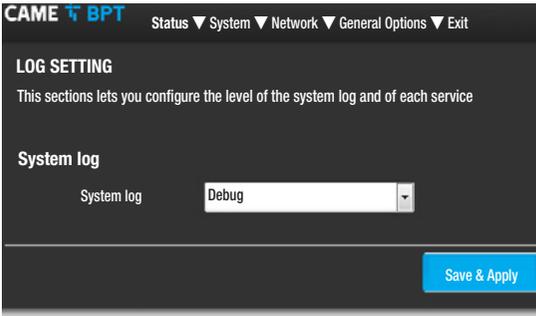
Each key can be assigned one of the functions shown in the table.

Key	Main function (F1)	Secondary function (F2)
o	- Aux - Intercom - Call porter - Automatic Door Opener	- Aux - Intercom - Call porter - Automatic Door Opener
oo	- Aux - Intercom - Call porter - Automatic Door Opener - F2 Turn on secondary function	
ooo	- Aux - Intercom - Call porter - SOS (panic)	- Aux - Intercom - Call porter
oooo	- Aux - Intercom - Call porter - Automatic Door Opener	- Aux - Intercom - Call porter - Automatic Door Opener

The Automatic **Door Opener** function is especially useful in private businesses, and automatically opens the door when the button is pressed on the entry panel.

If the Destination chosen is **[E.P.INCOMING CALL]**, the Aux Command is sent to the entry panel with which you are communicating.

To save the changes press the corresponding button at the bottom of the page.



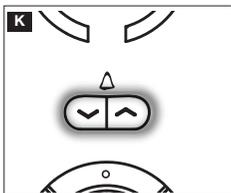
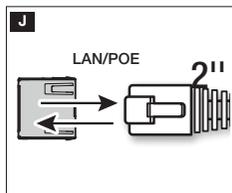
## [LOG Setting]

The screen view is for configuring the system log level.

Viewing and downloading the log can be done from the [STATUS]-[SYSTEM LOG] screen view.

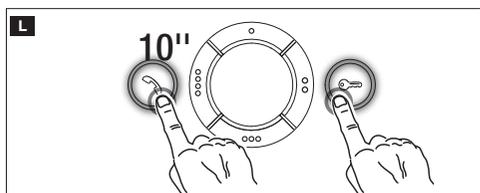
## Restore network settings

In the event of network problems, or if the IP address is lost, please follow the below procedure:

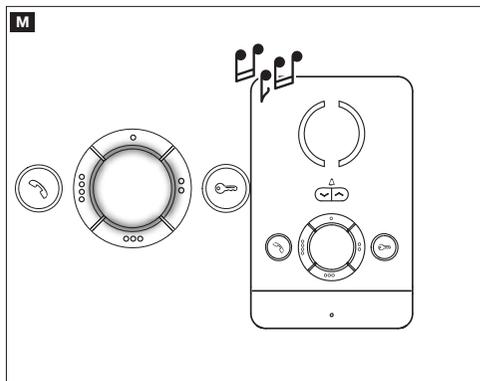


**J** Power off and then power the device back on.

**K** After about 30 seconds the LED of the   key lights up for about 2 seconds.



**L** Within 5 seconds of the LED turning off, simultaneously press the key  and  for 10 seconds.



**M** When the LEDs on the dials light up and a sound signal is given off, this means the restore procedure was successful - the default IP address is 192.168.1.4.

This product complies with the law.

**Decommissioning and disposal.** Dispose of the packaging and the device at the end of its life cycle responsibly, in compliance with the laws in force in the country where the product is used. The recyclable components are marked with a symbol and the material's ID marker.

THE DATA PRESENTED IN THIS MANUAL MAY BE CHANGED, AT ANY TIME, AND WITHOUT NOTICE. MEASUREMENTS, UNLESS OTHERWISE STATED, ARE IN MILLIMETERS.

**CAME**   
**BPT**

[CAME.COM](http://CAME.COM)

**CAME S.P.A.**

Via Martiri Della Libertà, 15

31030 Dosson di Casier - Treviso - Italy

tel. (+39) 0422 4940 - fax. (+39) 0422 4941