Two-wire
Villa Intercom System
User Manual
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Any question towards our product, please contact customer service center directly.

— After-sale service consultation procedure —

- Describe product name.
- Describe product model.
- Describe the trouble.
- Leave your Tel No. and e-mail address.

—— Statement ———

Please forgive us if we could not notify you timely towards any alteration to our product model No. or technical parameter.
If the user’s manual is not consistent with the actual operations due to technology upgrading, the explanation right is reserved to our company.
8 Trouble Shooting

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Points to check</th>
</tr>
</thead>
<tbody>
<tr>
<td>• The power indicator of indoor phone is</td>
<td>Check the power supply wire connection.</td>
</tr>
<tr>
<td>off after power up.</td>
<td></td>
</tr>
<tr>
<td>• Door station constantly beeps.</td>
<td>Check the connection between the door station</td>
</tr>
<tr>
<td>• The power indicator of Sub. Indoor</td>
<td>and the master indoor phone.</td>
</tr>
<tr>
<td>phone is on, but it doesn’t work.</td>
<td></td>
</tr>
<tr>
<td>• Door not unlocking.</td>
<td>1. Check the diode is wired correctly</td>
</tr>
<tr>
<td></td>
<td>2. Check if the connection between lock and door</td>
</tr>
<tr>
<td></td>
<td>station is correct.</td>
</tr>
</tbody>
</table>

9 Specifications

<table>
<thead>
<tr>
<th>Master Indoor Phone</th>
<th>Subsidiary Indoor Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>Model</td>
</tr>
<tr>
<td>7010K / 7130K</td>
<td>7010P / 7130P</td>
</tr>
<tr>
<td>Screen</td>
<td>Screen</td>
</tr>
<tr>
<td>5&quot;TFT / 7&quot;TFT</td>
<td>5&quot;TFT / 7&quot;TFT</td>
</tr>
<tr>
<td>Resolution</td>
<td>Resolution</td>
</tr>
<tr>
<td>320<em>324 / 480</em>324</td>
<td>320<em>324 / 480</em>324</td>
</tr>
<tr>
<td>Operating voltage</td>
<td>Operating voltage</td>
</tr>
<tr>
<td>DC 24V</td>
<td>DC 24V</td>
</tr>
<tr>
<td>Operating current</td>
<td>Operating current</td>
</tr>
<tr>
<td>500mA</td>
<td>350mA</td>
</tr>
<tr>
<td>Standby current</td>
<td>Standby current</td>
</tr>
<tr>
<td>100mA</td>
<td>100mA</td>
</tr>
<tr>
<td>Temperature</td>
<td>Temperature</td>
</tr>
<tr>
<td>-10°C to +55°C</td>
<td>-10°C to +55°C</td>
</tr>
<tr>
<td>Humidity</td>
<td>Humidity</td>
</tr>
<tr>
<td>10 ~ 95%</td>
<td>10 ~ 95%</td>
</tr>
</tbody>
</table>

2 Components

<table>
<thead>
<tr>
<th>Door station</th>
<th>Master indoor phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>Model</td>
</tr>
<tr>
<td>7S40 / 7S60</td>
<td>7010K / 7130K</td>
</tr>
<tr>
<td>Operating voltage</td>
<td>Operating voltage</td>
</tr>
<tr>
<td>DC 14 ~ 18V</td>
<td>DC 24V</td>
</tr>
<tr>
<td>Operating current</td>
<td>Operating current</td>
</tr>
<tr>
<td>300mA</td>
<td>350mA</td>
</tr>
<tr>
<td>Standby current</td>
<td>Standby current</td>
</tr>
<tr>
<td>30mA</td>
<td>100mA</td>
</tr>
<tr>
<td>Temperature</td>
<td>Temperature</td>
</tr>
<tr>
<td>-40°C to +70°C</td>
<td>-10°C to +55°C</td>
</tr>
<tr>
<td>Humidity</td>
<td>Humidity</td>
</tr>
<tr>
<td>10 ~ 95%</td>
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</tr>
</tbody>
</table>

Subsidiary (Abbreviated for "Sub.") indoor phone

<table>
<thead>
<tr>
<th>7010P</th>
<th>7130P</th>
</tr>
</thead>
</table>

Other fittings

- [ ] Power supply
- [ ] Indoor phone accessories
- [ ] User manual

[Note] The power supply varies in different countries, please check with us before ordering.
3 Product Appearance

Door Station

1 Camera  2 Microphone  3 Speaker  4 Call button
5 Sensitive LED  6 White light LED  7 Name plate

Indoor Phone

☆ Status indicator
○ Power indicator
■ Busy indicator
■ Mute indicator

☆ Adjustment
☀ Brightness adjustment
☀ Contrast adjustment
△ Volume adjustment
✍ Talk volume adjustment

☆ Buttons
✍ Talk button
✍ Monitor button
■ Unlock button
✍ Intercommunication button
✍ Mute button

7 Operation

■ Call
1. When a visitor presses the call button on the door station, the indoor phone rings, and the screen shows the visitor’s image.
2. If there is no answer, the system will automatically reset to standby mode after 30 seconds.
(Note) In two door stations system, if one of door stations is busy, the other door station’s indicator will flash after the call button is pressed.

■ Talk
1. Press ✉ button on the indoor phone to answer the call.
2. While talking, press ✉ button again to end the talk (or press call button on the door station).
(Note) Conversation will time out after 120 seconds.

■ Monitor
1. In standby mode, press ✉ button on the indoor phone to view activity at the door station.
2. If there are two door stations fitted, to view at the different entrances.

Press ✉ button  Door station 1  Press ✉ button  Door station 2  Press ✉ button  End monitor
3. In monitor mode, press ✉ button allows you to talk to the visitor.
(Note) Monitoring the door station automatically ends after 30 seconds.
If someone calls from the door station, monitoring ends and the indoor phone will chime.

■ Unlock
Whilst ringing, talking or monitoring the door, press ✉ button on the indoor phone to open the door.

■ Mute setting
Indoor phone 7010: Adjust the Mute Adjustment to the lowest, the ring will turn off, and the ✉ indicator is on.
Indoor phone 7130: Press ✉ button to mute ringing. When the ring is OFF, the ✉ indicator is on.

■ Intercom between indoor phone
1. In standby mode, press ✉ button on any of the indoor phones, the other indoor phones will ring.
2. Press ✉ button on the ringing indoor phone to talk. Any other indoor phones will stop ringing.
(Note) 1. There is no image during the intercom between indoor phones.
2. While ringing other indoor phones, press ✉ button to end the call.
3. In intercom mode, if someone calls from door station, it will end this intercom immediately.
**Installation Tips**

1. Don't install the indoor phone in wet areas.
2. Keep away from direct heat.
3. Don't clean the indoor phone with wet towels or harsh cleaning agents.
4. Do not disassemble the product. If failure occurs contact your service provider.

**Wiring Recommendations:**

1. Wiring distance between the front door station and the last indoor phone should be less than 200m.
2. Single wire resistance between the front door station and the master indoor phone should be less than 10Ω.
3. **Recommended Cable is polyethylene Double insulated 1.2mm.**
5 Wiring Diagram

- NC connection
- Magnetic lock
- Electric lock
- Power supply
- Door station terminal
- Master indoor phone terminal
- Sub. indoor phone terminal
- Exit button
- Sub OUT LN1 LN2
- Sub OUT LN1 LN2
- On/Off
- +24V GND
- Power supply
- Door station front
- Door station Bracket
- Screw
- Door/Wall
- Door station front
- Door station Bracket
- Screw
- Door/Wall

[Note]
1. An optional exit button can be fitted to the Master monitor to provide unlocking of the door. (Just for the unlocking is applied to the master indoor phone's lock).
2. Please wire the system as the diagram one by one.

Switches on the back of the indoor phone.

Unlocking:
(Only for the MASTER indoor phone)

Unlock time setting:
Unlock time: 5s

Video matching:
(Only for the Sub. indoor phone)

Unlock time setting:
Unlock time: 5s

The last indoor phone's switch should be “ON”, and the other Sub. indoor phones' switch should be “OFF”.

6 Installation

Door Station

Size: 140x100x43 mm

- Door/Wall
- Door station front
- Door station Bracket
- Screw
- Door/Wall
- Door station front
- Door station Bracket
- Screw

△ Installation tips:
1. Don't install door station near humid, stove, and dusty condition.
2. There are waterproof silicone sheets attached to the reverse of the door station, please install the door station to a smooth wall to guarantee the waterproof function.
3. We suggest the installation height of 1400mm. Also consider other factors such as the angle of view and handicapped access.