T-Series Audio Phone User Manual_V1.0
T-IS06

Unit 1 Function Overview

This product is an audio indoor station that based on two-wire system, and supports door unlock, intercom function and so on. The main functions are as below:

➢ **Support 2-Wire BUS power supply**
➢ **Support door bell function**
➢ **Support one apartment with multiple audio phones**
➢ **Support audio intercom between visitors and residents, residents and Guard Units**
➢ **Support audio intercom between any two apartments, audio phone can only be called by other devices**
➢ **Support to release 2 locks maximum**
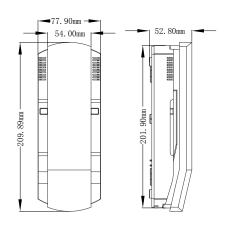
1.1 Parameter

Working Voltage:DC 30V
Working Current:≤ 50 mA
Environment Temperature:-10℃ ~ +55℃
Ring Duration:30s

Static Current:≤ 10 mA
Dimension((L×W×D):209.9×77.9×52.8mm
Call Duration:120s

Unit 2 Brief Introduction
2.1 Dimension Figure

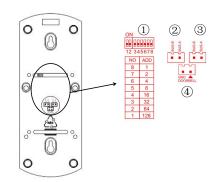### 2.2 Button Instruction
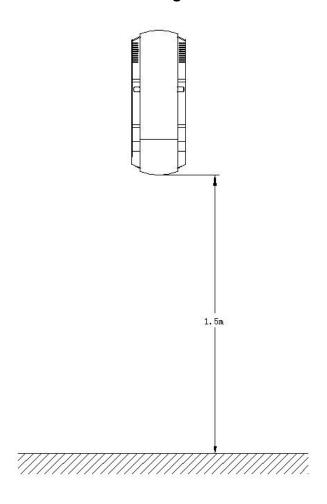

- Speaker
- Microphone
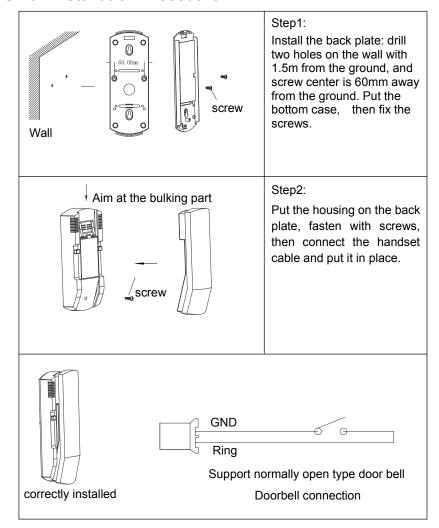- Volume button
- Unlock button

2.3 Interface Instruction

① ON 1~8 dial code switch, see "5.1 room number setting" dial code switch instructions;
②、③ BUS-B BUS-A BI;
④ GND DOORBELL BI.

Unit 3 Installation Height

1.5m

Unit 4 Installation Procedure

Step1:

Install the back plate: drill two holes on the wall with 1.5m from the ground, and screw center is 60mm away from the ground. Put the bottom case, then fix the screws.

Wall
screw
60.00mm

Step2:

Put the housing on the back plate, fasten with screws, then connect the handset cable and put it in place.

Aim at the bulking part
screw

correctly installed

GND
Ring

Support normally open type door bell
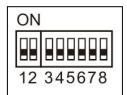Doorbell connection

Unit 5 Basic Functions

5.1 Apartment No. Setting

The audio phone address can be set by the binary DIP switch, as described in the table below.

Dip switch instruction

There is a 8-digit switch at the back of the indoor station, 1 is the highest bit, 8 is the lowest bit, the range of address is 1-128. (Binary addressing)

```
ON
┌────────────────┐
│ ▢▢ ▢▢▢▢▢▢      │     ON:1
│ 12 345678      │     OFF:0
└────────────────┘
```

The method of setting address is as below:

No.1	No.2	No.3	No.4	No.5	No.6	No.7	No.8	ADD
0	0	0	0	0	0	0	1	1
0	0	0	0	0	0	1	0	2
0	0	0	0	0	0	1	1	3
0	0	0	0	0	1	0	0	4
0	0	0	0	0	1	0	1	5
0	0	0	0	0	1	1	0	6
0	0	0	0	0	1	1	1	7
0	0	0	0	1	0	0	0	8
⋮								
0	1	1	1	1	0	0	1	121
0	1	1	1	1	0	1	0	122
0	1	1	1	1	0	1	1	123
0	1	1	1	1	1	0	0	124
0	1	1	1	1	1	0	1	125
0	1	1	1	1	1	1	0	126
0	1	1	1	1	1	1	1	127
1	0	0	0	0	0	0	0	128

5.2 Call Pick Up

In standby mode, when there is a call coming in, residents can answer the call by picking up the handset. If the call comes in while the handset is picked up already, the handset is needed to be hanged up and picked up again, then the residents can answer the call.

5.3 Call Hang Up

During 120s of conversation, residents can end the talk by hanging up the handset.

5.4 Ringing Tone Setting

In standby mode, short press unlock button to adjust ringing tone, The default ringing tone is Tone 1, with every short press, the volume will shift to next Tone, totally 5 Tones available . The ringing tone will circles from 1 to 5.(The last ringing tone setting will be saved)

5.5 Ringing Volume Setting

In standby mode or when it is ringing, short press volume button to adjust ringing volume. The default volume is level 3, with every short press, the volume will add 1 level, maximum level is 4. The volume level will circles from 1 to 4.(The last volume setting will be saved)

5.6 Talking Volume Setting

When the conversation has began, short press volume button to adjust talking volume. The default volume level is 2, with every short press, the volume will add 1 level, maximum level is 3. The volume level will circles from 1 to 3 .(The latest volume setting will be saved)

5.7 Unlock

When the device is being called by Outdoor Station or having conversation with Outdoor Station, short press the unlock button to open door No.1. If the Relay module is well connected, then long press unlock button for 3s will unlock door No.2.

5.8 Call Guard Unit

In standby mode, pick up the handset and long press unlock button for 3s to call Guard Unit. If the device gives out 3 short "beep" , call failed.

5.9 Doorbell

The device will ring when the door bell is pressed.(not affected by calling ringtone).

5.10 Factory Default Setting

Within 60s after powering the device, long press volume button for 3s, it will enter factory default setting mode with a long beep, short press volume button again, the function will be done with another long beep.

Attentions

1、 Please keep devices away from strong magnetic field , high temperature , wet environment ;

Away from magnetic field	Away from high-temp	Prevent moisture

2、 Please do not fall the devices to the ground or make them get hard impact ;

Handle with care

3、 Please do not use wet cloth or volatile reagent to wipe the devices ;

Wipe with care

4、 Please do not disassemble the devices.