TSP 800

Audio Phone

User Manual

1. Parts and Functions

Handset
Unlock button
Call button/Unlock 2nd button
Speaker
handset curve

Side View
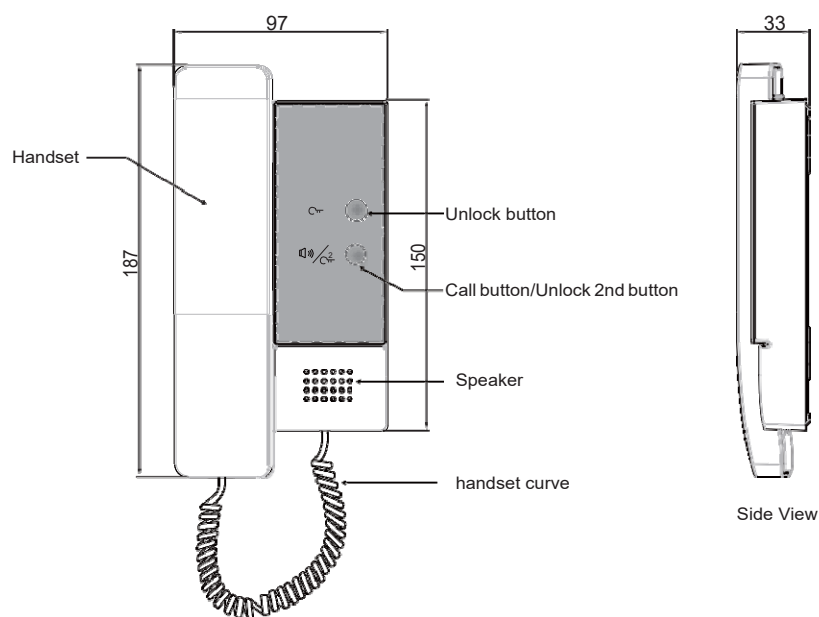
Key functions

Handset	Pick up to communicate with visitor.
Handset curve	Connect handset with monitor.
Unlock button	Press to release the door.
Call button/Unlock 2nd button	In standby mode, pick up handset, then press Call button to activate the inner call; During calling/talking state, press Unlock 2nd button to release the second door.
Speaker	Send out voice from the visitor.

2. Terminal Descriptions
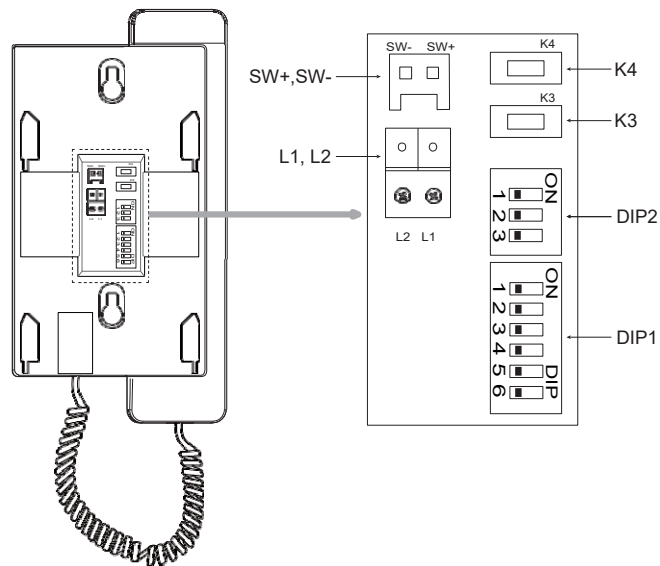
SW+,SW-:Door bell call button connection port.
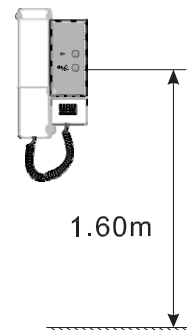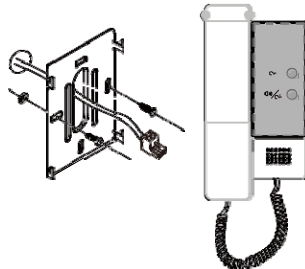L1,L2:Bus terminal.
K4:Used to Ring Tone setting.
K3:Used to Ring Volume setting.
DIP1(Bit1~6):Used to User Code setting.
DIP2(Bit1~3):Used to Slave Monitor Address or Extended Address setting.

3. Unit Mounting

1). Fix 2 screws to the wall at a appropriate height;
2). Connect the system correctly;
3). Attach the audio phone to the bracket.

1.60m

4. Operation Instructions

1) Door release function: When visitor calls from outdoor station, the monitor rings, pick up handset to talk with the visitor, then press the **Unlock** button to open the door. If the system connect 2 locks,press **Unlock 2nd** button to open the second door.

2) Inner call: Pick up handset, then press⟨)»CALL button to activate the inner call,all monitors connected to the system will ring at the same time. Pick up any monitor,the others will stop ringing immediately.(note that the user code must be the same for all monitors to activate the inner call function)
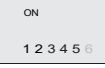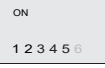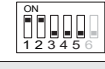
3) Door Bell Call Button: Additional door bell call button can be connected to the Monitor, so that the visitors can ring the door bell again in front of the user's apartment. When the call button is pressed, the Monitor will output ring tones.

5. Setup Instructions

5.1 User Code Setting(DIP1 to set it)

In the 800 system, every apartment must have a unique identification called User Code. The DIP1 switches are used to configure the User Code for each Monitor.

- Bit-1~5 of DIP1 are used to User Code setting. The value is from 1 to 32, which have 32 different codes for 32 apartments.
- Bit-6 of DIP1 is used to video match.

Bit state	User Code	Bit state	User Code	Bit state	User Code
ON 1 2 3 4 5 6	Code=1	ON 1 2 3 4 5 6	Code=12	ON 1 2 3 4 5 6	Code=23
ON 1 2 3 4 5 6	Code=2	ON 1 2 3 4 5 6	Code=13	ON 1 2 3 4 5 6	Code=24
ON 1 2 3 4 5 6	Code=3	ON 1 2 3 4 5 6	Code=14	ON 1 2 3 4 5 6	Code=25
ON 1 2 3 4 5 6	Code=4	ON 1 2 3 4 5 6	Code=15	ON 1 2 3 4 5 6	Code=26
ON 1 2 3 4 5 6	Code=5	ON 1 2 3 4 5 6	Code=16	ON 1 2 3 4 5 6	Code=27

Bit state	User Code	Bit state	User Code	Bit state	User Code
ON 1 2 3 4 5 6	Code=6	ON 1 2 3 4 5 6	Code=17	ON 1 2 3 4 5 6	Code=28
ON 1 2 3 4 5 6	Code=7	ON 1 2 3 4 5 6	Code=18	ON 1 2 3 4 5 6	Code=29
ON 1 2 3 4 5 6	Code=8	ON 1 2 3 4 5 6	Code=19	ON 1 2 3 4 5 6	Code=30
ON 1 2 3 4 5 6	Code=9	ON 1 2 3 4 5 6	Code=20	ON 1 2 3 4 5 6	Code=31
ON 1 2 3 4 5 6	Code=10	ON 1 2 3 4 5 6	Code=21	ON 1 2 3 4 5 6	Code=32
ON 1 2 3 4 5 6	Code=11	ON 1 2 3 4 5 6	Code=22		

5.2 Slave Address Or Extended Address Setting(DIP2 to set it)

When multi Monitors are installed in one apartment, these Monitors have to use the same User Code setting, and the Master/Slave mode should be set on the Monitor.

- Bit-1~2 of DIP2 are used to slave address or extended address setting.
- Bit-3 of DIP2 is used to monitor matched setting, When Bit-3 set to ON / OFF, there are different usages.

   5.2.1 When Bit-3 of DIP2 set to OFF, the Bit-1~2 of DIP2 are used to master/slave address setting:

DIP2 state	Master/Slave type
ON 1 2 3	Master monitor
ON 1 2 3	Slave monitor 1
ON 1 2 3	Slave monitor 2
ON 1 2 3	Slave monitor 3

5.2.2 When Bit-3 of DIP2 set to ON, the Bit-1~2 of DIP2 and Bit-1~5 of DIP1 are used to extended address setting:

DIP2 state	DIP1 state	User Code	DIP2 state	DIP1 state	User Code
		Code=1			Code=65
		Code=2			Code=66
…	…	…	…	…	…
		Code=31			Code=95
		Code=32			Code=96
		Code=33			Code=97
		Code=34			Code=98
…	…	…	…	…	…
		Code=63			Code=127
		Code=64			Code=128

5.3 Ring Tone Setting

1). There are four groups ring tones to choose for you:

Group name	Items	Songs
Group1	Door Station	DINGDONG
	Intercom Call	TELEPHONE_RING
	Door Bell	DINGDONG
Group2	Door Station	JINGLE_DELL
	Intercom Call	CARMAN
	Door Bell	FOR_ALICE
Group3	Door Station	HAPPY_BIRTHDAY
	Intercom Call	SONATINE
	Door Bell	CONGRATULATE
Group4	Door Station	DOREME
	Intercom Call	RHYTHM_OF_THE
	Door Bell	EDELWEISS

2). Pick up handset in standby mode, each time you press K4 to replace a group of ring tones. Four groups ring tones cycle:

Group1 $\xrightarrow{\text{press K4}}$ Group2 $\xrightarrow{\text{press K4}}$ Group3 $\xrightarrow{\text{press K4}}$ Group4.
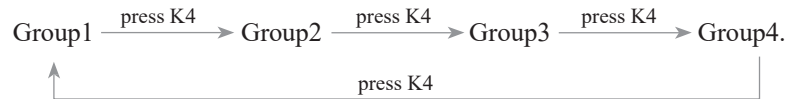
press K4

3). Put down handset to exit the setting.

5.4 Ring Volume Setting

1)There are three kinds of ring volume(low-range, mid-range and high-range) to choose for you.
2). Pick up handset in standby mode, each time you press K3 to replace a kind of ring volume. Three kinds of ring volume cycle:

Low-range $\xrightarrow{\text{press K3}}$ Mid-range $\xrightarrow{\text{press K3}}$ High-range

press K3

3). Put down handset to exit the setting.

6. Specification

- Power Supply: DC24V
- Power Consumption: standby 2.1mA,working 75.9mA
- Wiring: 2 wires, non-polarity
- Dimension: 187(H)X97(W)X33(D)mm