SHENZHEN WRT INTELLIGENT APPLIANCE CO.,LTD

ADD：WRT Industrial Base, Dafu Industrial Area, Guanguang Rd,
GuanlanTown, Bao'an District, Shenzhen, China.
Hot line：400 700 8828
　　　　0755-29576200
Fax：0755-29576023
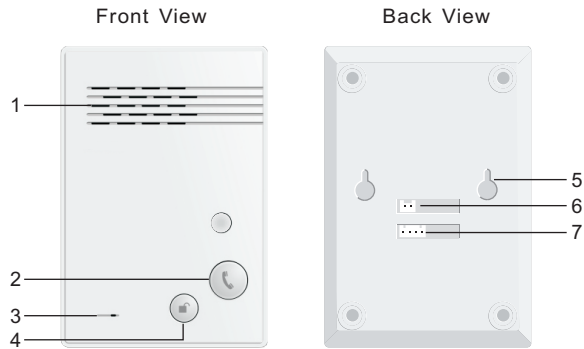Web：Http://www.wrtsz.com

Outdoor station：FZH-121

Indoor phone：C1S-AZ130

1、System Functions：

①. Suitable for single house and villa system intercom。

②. Can talk with the visit standing in the door way。

③. Door release。

④. Surface mounting, easy to operate。

2、Equipment Description：

C1S-AZ130：

Front View   Back View
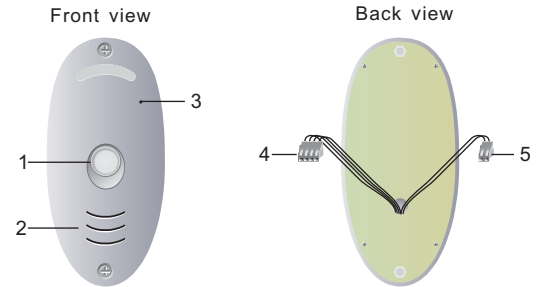

1. Speaker

2. Handfree button

3. Microphone

4. Unlock

5. Hang up hole

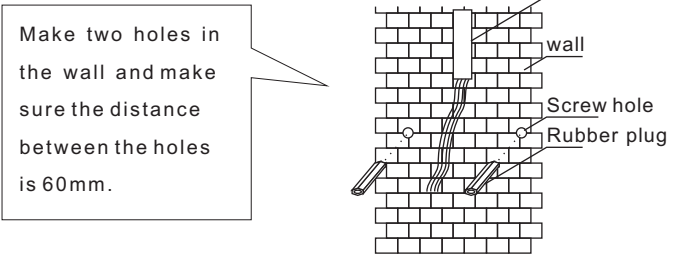6. +12VDC input socket and audio signal transmission

7. +12VDC output socket

FZH-121：

Front view   Back view

1. Call button

2. Speaker

3. Microphone

4. +12VDC input socket and audio signal transmission

5. Unlock signal output

3、Installation：

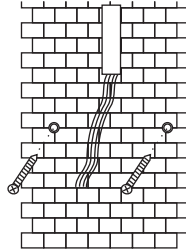C1S-AZ130:

Make two holes in the wall and make sure the distance between the holes is 60mm.
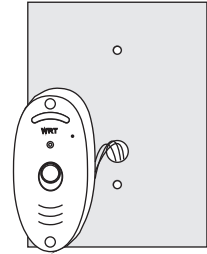
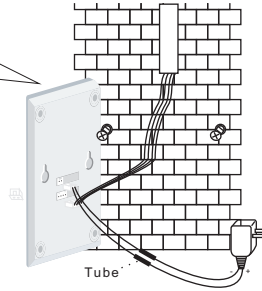Line pipe

wall

Screw hole

Rubber plug

Put two screws into rubber plugs and leave 5mm of screws left.
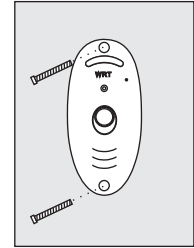
Insert wires into wire hole.

After connecting transmission wires and hang the door phone on the screws and pull it until it is stable.
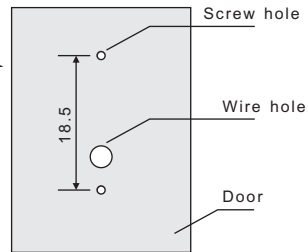
Tube

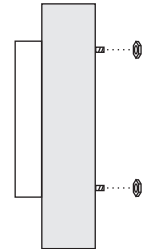Drill through holes of the door station with two proper screws.

FZH-121:

Find an appropriate position to drill two 6mm screw holes and a wire hole.

Screw hole

18.5

Wire hole

Door

Secure the door station with two hexangular nut.

Operating：

When there is a call received from gate station, the indoor phone will ring.

If nobody answer within 30s, the door station will stop calling automatically and go back to standby.

If resident press " 📞 " within 30s, can talk with visitor, the talking time is limited to 120s.

Press " 🔓 " to unlock when talking with visitor.

When talking or after unlock, user presses " 📞 " to go back.

There are two adjustable resistors on the back of indoor phone to adjust volume, screw it clockwise to louder, anticlockwise to lower voice.

Specification：

Power input	+12VDC
Standby current	≤25mA
Working current	≤130mA
Talking time	120s
Sensitivity	≤20mV
Distortion	≤5%
Output power	≥5mW
Sound level	≥70dBA
Humidity	45%～95%
Working temperature	$-20^{0}C\sim+55^{0}C$
Wire type and distance	RVV3×0.5mm²≤50m
	RVV3×1.0mm²≤100m
Dimension(C1S-AZ130)	94×136×17mm
Dimension(FZH-121)	57×120×28

Terminal Instruction：

Terminal Marks			Description
Indoor phone	Power input	+12VDC	+12VDC input port
		GND	Ground wire
	Audio terminal transmission and power control	AUDIO	Audio transmission
		GND	Ground wire
		+12VDC	+12VDC output
		NC	Not connected
Outdoor Station	Audio and power control	Brown	Audio transmission
		Red	Ground wire
		Orange	+DC12V supplied from door phone to door station
		Yellow	Not connected
	Unlock wire	Red	Unlock output port,the ends are open-circuit when standby，the ends are short circuit when unlock.
		Black	

What's included:

+12VDC power adapter	1PCS
video door phone	1PCS
video door station	1PCS
350mm four-wire connector	1PCS
350mm two-wire connectore	1PCS
PA4×40 screw	2PCS
Pm4×40 screw	2PCS
manual	1PCS

Trouble shooting:

System doesn't work: make sure it's power on and the wiring is correctly.

Can't call: Make sure the audio wire is correct between indoor phone and outdoor station

Can't unlock: Checking if the wiring of e-lock is correct.

Wiring diagram:

FZH-121

Brown Red Orange Yellow

Brown
Red
Orange
Yellow

Red Black

Red Black

LK-
LK+
L+
—
+

E-lock

power supply

C1S-AZ130

+DC12V/1.2A