

SOMMER

COLOUR VIDEO DOOR PHONE KITS

MODEL: RL-067



CE FC

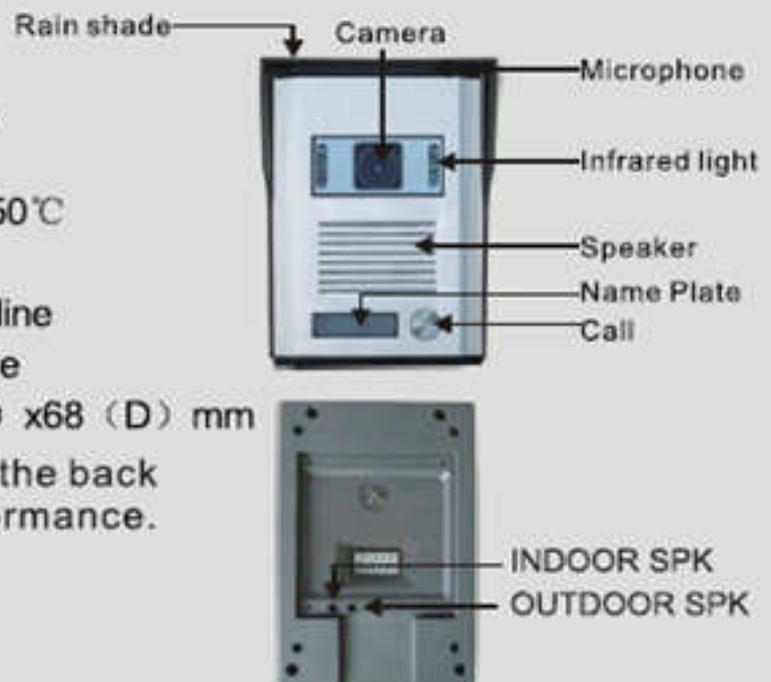
USER MANUAL

Features

- 1) Slim fit design aluminum alloy indoor unit to enrich the fashionable and luxury life.
- 2) Aluminum alloy outdoor unit: water-proof and wear-proof.
- 3) 7" display. High definition, no radiation, low power consumption.
- 4) Camera is adjustable in four directions: up, down, left and right for best view.
- 5) Hand-free talk.
- 6) Electricity-controlled door release function.
- 7) Monitor the outside.
- 8) 8 different chord melodies for option.
- 9) Adjustable volume.
- 10) Adjustable color and brightness.
- 11) Enclosed 15m cable and adapter for DIY market.
- 12) Indoor unit can be hung on the wall.

Outdoor unit

- Infrared distance: more than 4m
- Plus control: automatically
- Working temperature: $-20^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- Resolution ratio:
CMOS camera around 380 TV line
CCD camera: around 420 TV line
- Dimension: 112 (W) x 162 (H) x 68 (D) mm
- To adjust the sound knob on the back of outdoor unit, for best performance.



Indoor unit



▶ Performance data

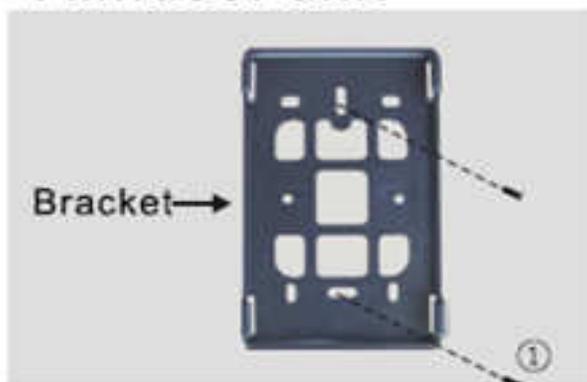
- Adapter Input voltage: AC110-120V/60Hz or AC220-240V/50Hz
- Adapter output voltage、 current: AC15V 1400mA/DC15V 1200mA(Connection 1)
- Adapter output voltage、 current: AC15V 1400mA(Connection 2)
- Adapter Output voltage、 current: DC18V /1400mA(Connection 3)
- Talk time delay: 120S ± 10%
- Monitor time delay: 40S ± 10%
- Working distance: 50M(6×0.65mm²)
- Dissipation: stand-by < 0.5W working < 10W
- Intensity of illumination: 2LUX
- Visual angle: 92° wide-angle
- Working temperature: -10℃~40℃
- Relative humidity:10%~90%(RH)

▶ 7"TFT technical data

Parameter	Specifications	Unit
Screen Size	7.0(16:9 diagonal)	Inch
Display Format	1440(H)×234(V)	dot
Active Area	154.08(H)×86.58(V)	mm
Dot Pitch	0.107(H)×0.370(V)	mm
Outline Dimension	166.0(W)×100.0(H)×7.2(D)(typ.)	mm

Installation

A. Indoor unit



- 1) Fasten the bracket on the wall with screws.
- 2) Hang the unit on the bracket after finishing the connection.
Plug the enclosed adapter into the sockets of AC power and the unit (Connection 1、2). Plug the adapter into the socket of AC power, and then plug the outlet terminals “+” , “-” of the adapter into the terminals of the unit relatively(Connection3).

B. Outdoor unit



- ① Fasten the rain shade on the wall. The height is 1.4m ~ 1.7m. Direct sunshine is forbidden.
- ② Choose the best angle for best view. The camera is adjustable in four directions: up, down, left and right.

③



③



Room number

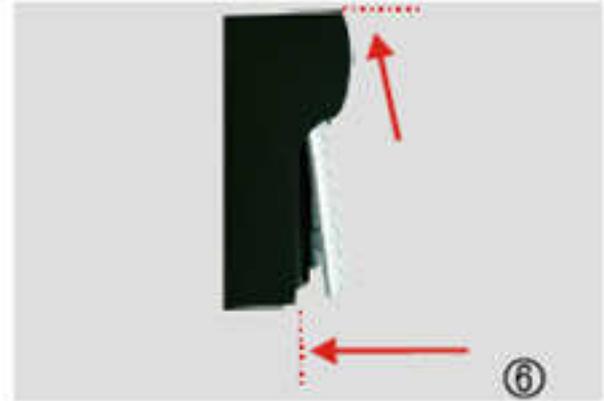
④

③ Connect the wire with door releaser and fasten the back cover.

④ Take down the name plate for Installation family name or room number.



⑤



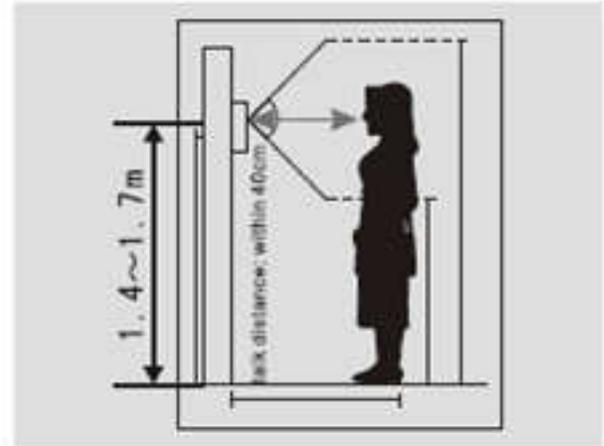
⑥

⑤ Fasten the outdoor unit on the rain shade with screws.

⑥ Cover the panel.



⑦



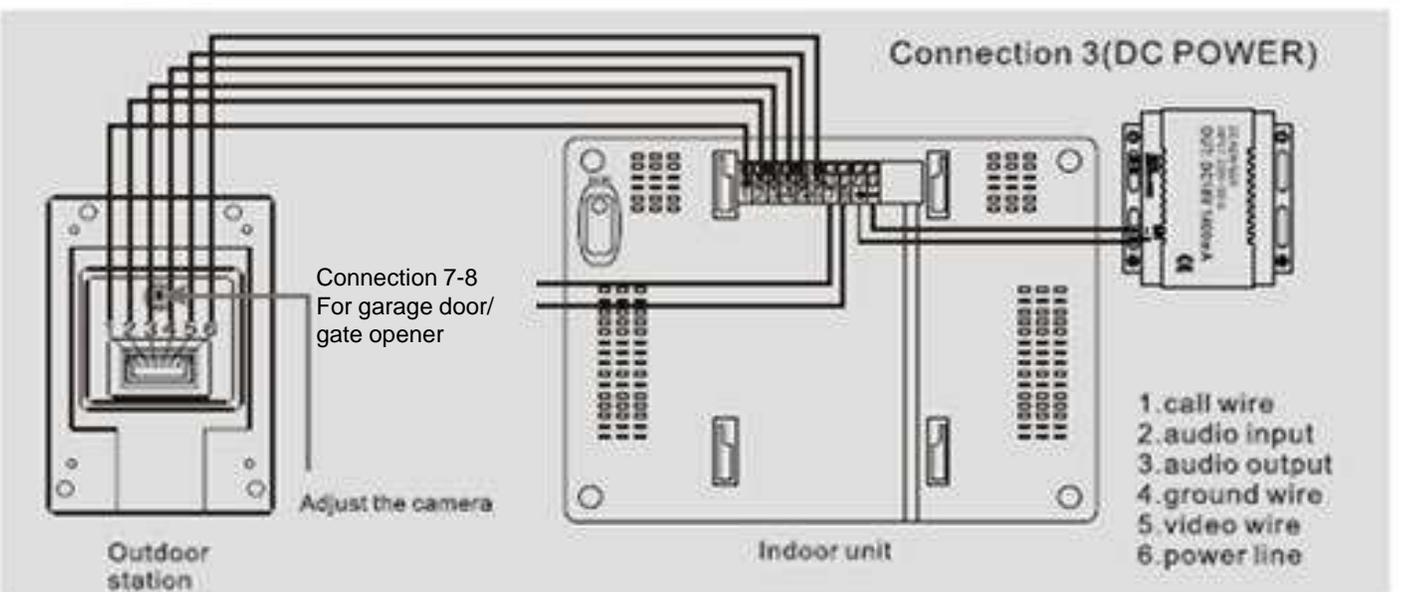
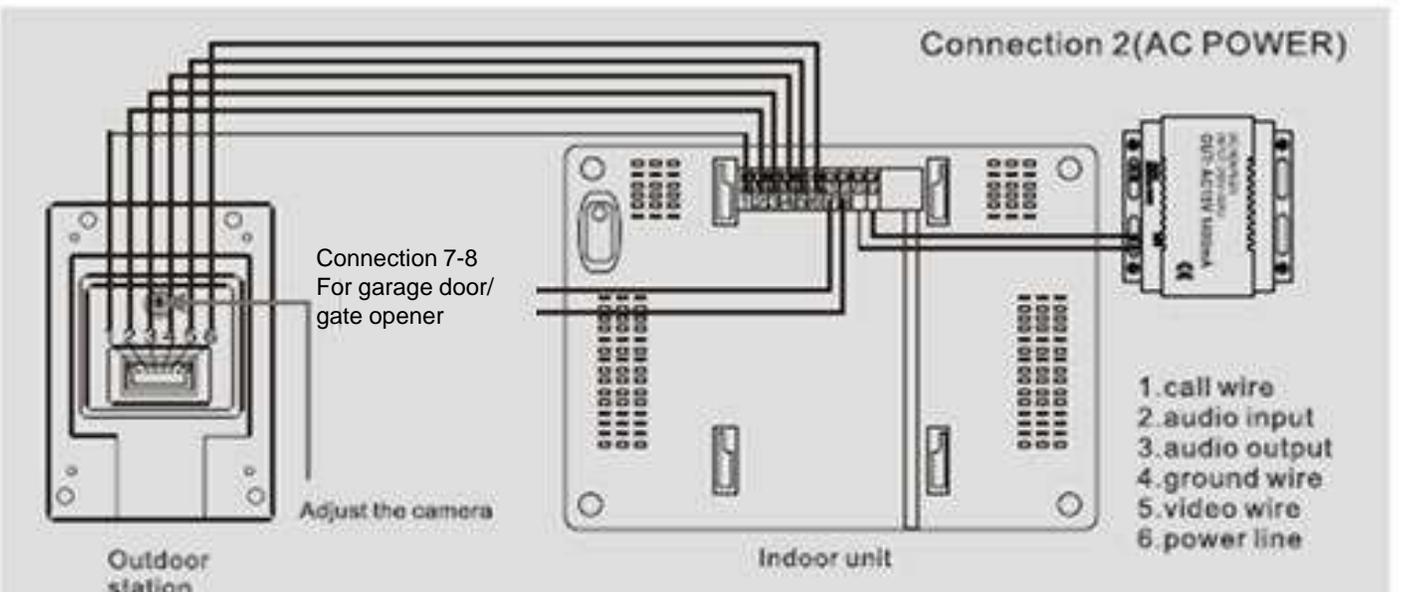
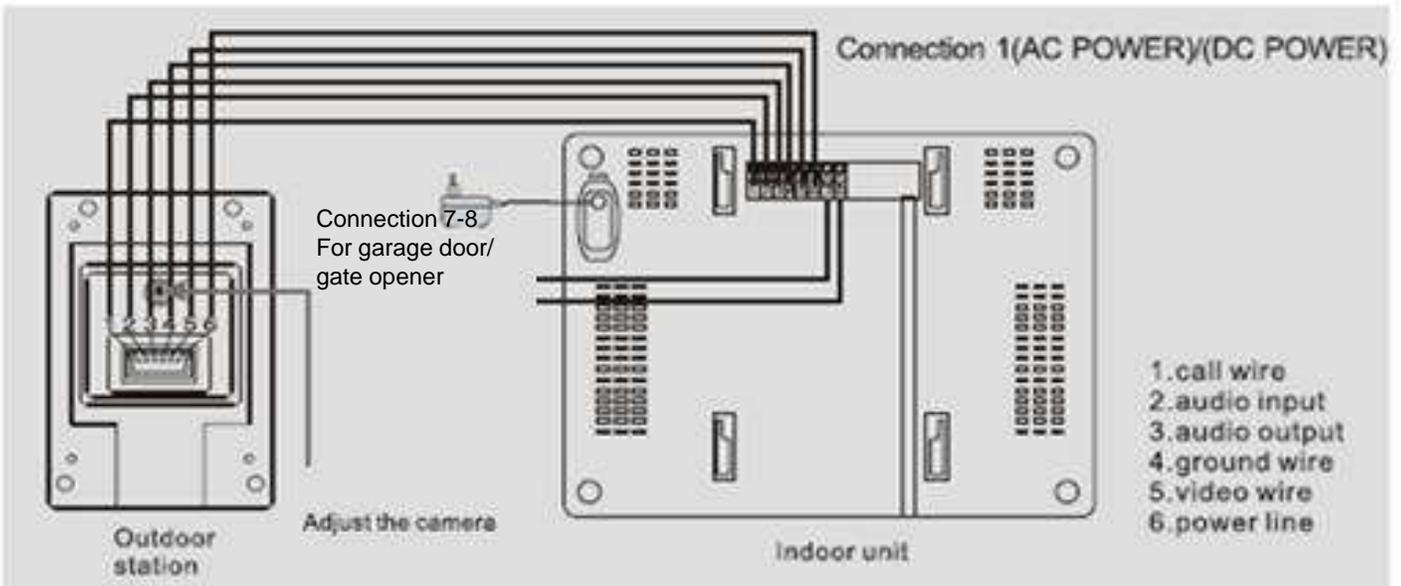
⑦ Fasten the screws on the bottom of the unit.

C. Lengthen the connection cable

The enclosed cable is 15m . If you want to lengthen it into 15m~50m, you can choose 6x0.5mm² signal wire; or if you want to lengthen it into 50m~100m, you can choose 6x0.75mm² signal wire.

Connect the wiring terminals 1,2,3,4,5 & 6 of the indoor unit with their relevant wiring terminals of the outdoor unit. The wiring terminals 7 & 8 of indoor unit are connected with electric lock through 2x1.0mm² connecting wire.

Wiring diagram



Operation instruction

1. For best performance, please take off the safety film. Begin with the red arrow at the top right corner of screen.



2. Visitor presses the push button (more than one second), graceful melodies from indoor unit will be heard and visitor's image will be shown. Press TALK button for inter-communication. Time delay for talk and image is around 120s.
3. Press UNLOCK button for door release.
4. Press MONITOR button to monitor the outside. Time will last 40s.
5. Press MONITOR button, if not guest is standing at the gate, just talk with him and let him go.
6. Brightness, color and volume are adjustable.
7. 8 different chord melodies for option.

Accessories

- One video indoor unit
- One adapter
- One piece of 15m cable
- One rain shade
- One outdoor unit
- One bracket for indoor unit
- Screws