

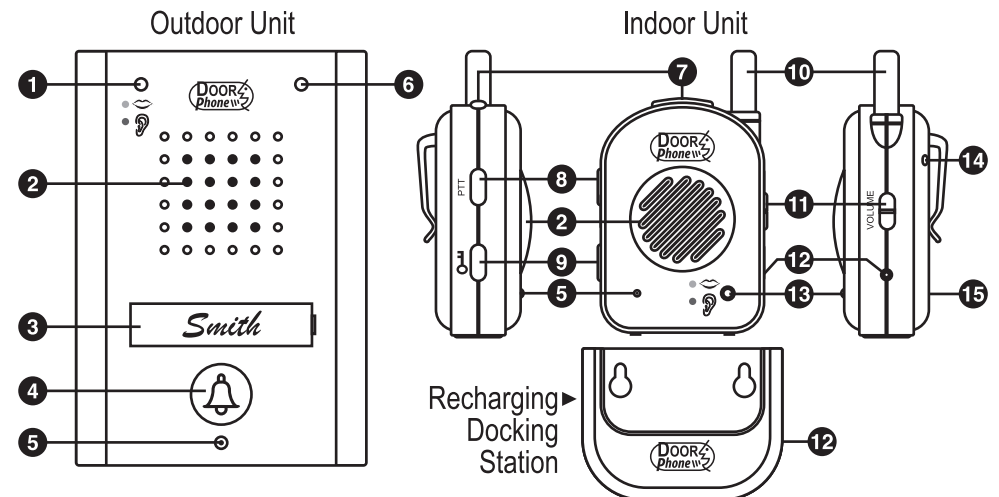
DB-904S1

2.4GHz Digital Doorbell (2 Way Communication)

INSTRUCTION MANUAL

Features

- Traditional Ding Dong Sound.
- Waterproof Outdoor Unit.
- Operating range up to 100 metres.
- Two way interference free intercom.
- Outdoor Unit can be used for wireless doorbell or integrated into available electric bell system.
- Name plate will glow in dark when integrated into electric bell system.
- Portable Indoor Unit.
- Press to talk with the visitors.
- Press to open electric door or gate.
- Powered by 4 x AA batteries for Outdoor Unit (not included).
- Powered by 3 x AAA rechargeable batteries for Indoor Unit (included).
- Recharging Docking Station for recharging Indoor Unit's power.
- Recharging Docking Station unit can be hanged up on wall or stand on desktop.



Features shown on diagrams above:

- | | | |
|--------------------|------------------------|--------------------------|
| 1) Status LED | 6) Light Sensor | 11) Volume Control |
| 2) Speaker | 7) Power On/Off Button | 12) DC Power Input |
| 3) Name Plate | 8) Talk Button | 13) Status LED |
| 4) Doorbell Button | 9) Door Open Control | 14) Code Matching Button |
| 5) Microphone | 10) Antenna | 15) Battery Compartment |

OPERATION

Power preparation -



1. Insert 4 x AA batteries into the compartment at the back of the Outdoor unit.
2. Insert 3 x AAA rechargeable batteries into the compartment at the back of the Indoor unit.
3. Press and release the "Power On/Off button(7)" to switch on the Indoor unit and the "Status LED(13)" will be shown in Red and flashes once every 10 seconds.
4. Put the Indoor unit into the Recharging Docking Station for power charging and it takes 11 hours for fully charged. While charging, the unit's "Status LED(13)" will be flashed once in Green for every 6 seconds and in Red for every 10 seconds, respectively.
5. When the Indoor unit is fully charged, the "Status LED(13)" will be shown only in Red and flashes once every 10 second.

Code matching for both units -

1. Before using this doorbell, both units' code should be matched to each other.
2. Switch on power of the Indoor unit then press the "Code Matching button(14)" at the back which the "Status LED(13)" will be flashing in Red color.
3. Press the "Doorbell button(4)" of the Outdoor unit to power on the unit then press the "Code Matching button(B)" at the back. It will search to match the code.
4. When both units' code is matched for each other, the Indoor unit could hear sound from the Outdoor unit.

Doorbell and intercom function -

1. When a visitor presses the Outdoor unit's "Doorbell button(4)", you will receive a "Ding Dong" doorbell chime from the Indoor unit.
2. When the Outdoor unit's "Status LED(1)" shows in Green, it allows visitor to speak to the unit and in Red to listen.
3. On the other side, when you press the "PTT button(8)" of the Indoor unit, the "Status LED(13)" shows in Green which allows you to talk to the visitor and in Red to listen when release the "PTT button(8)".

Remarks: Status LED for both units show in "GREEN - TALK ", and RED - LISTEN .

Open door/gate function -

1. Press the Indoor unit's "Door Open button(9)" to open door. The Outdoor unit will be switched off automatically when the door is opened for 2 seconds to save energy.

Name Plate -

1. When the Outdoor unit is connected to the bell transformer, the name plate will be light up in dark condition.

Volume control -

1. Press the Indoor unit's "Volume Control button(11)" to adjust the volume of the unit's "Speaker(2)".

Remarks: Only Indoor unit can adjust the volume of speaker.

Low battery indication -

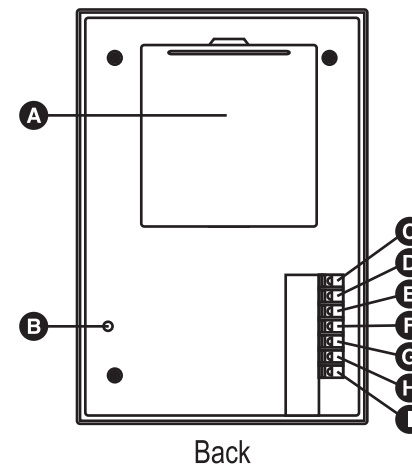
Outdoor Unit: LED will be flashing in RED in talk condition.

Indoor Unit: LED flashes once in GREEN for every 2 seconds and in RED for every 10 seconds respectively at the same moment.

Power Off control -

1. The Outdoor unit will be switched off automatically after pressing the "Doorbell button(4)" for 1 minute.
2. Press and hold the Indoor unit's "Power On/Off button(7)" for 10 seconds until the "Status LED(13)" shows in Red and release the button to switch off the power.

Connection diagram of the Outdoor unit-



Features shown on diagrams above:

- | | | |
|-------------------------|---------------------|-------------------------|
| A) Battery Compartment | D) Bell | G) Relay NO Contact |
| B) Code Matching Button | E) Power - | H) Relay Common Contact |
| C) Power + | F) Relay NC Contact | I) X Bell |

Technical Specification -

1. Standard: FHSS
2. Frequency: 2.4 GHz
3. RF Power < 10mW
4. Power Adapter Output: 5V 250mA
5. Indoor Unit Power Consumption: 1W max.
6. Operation Temperature: 5 ~ 40°C