

Wireless Door Entry Alarm & Counting System (Infrared Beam)

Applications

- Garage Door/Door Way/Overhead Door/Swing Gate/Entrance /Super Market/Restaurant/Warehouse /Dental/Book Store---etc.

Features

- Wireless Retro-Reflective Photoelectric Beam Sensor
- Range: 3.14 to 22 feet (0.5~ 7 meters)
- 4 Digits Counter (DC-500) -- **Optional**
- Door Chime/Alarm Speaker Included.
- Switching Power Supply Mode AC/DC Adaptor
- Wireless Photo Beams to Speaker
- Volume of Speaker: Adjustable
- Sounding Time: 3~30 seconds

Specifications

Photoelectric Beam Sensor	
Type	Infrared Receiver Modules for Remote Control Systems
Housing	ABS
Radio Frequency	433.92 MHz (315, 866 MHz available also.)
LED Emitting Element	Infrared LED Indicator (Red)
Sensing Range	3.14 to 22 feet (0.5~ 7 meters)
Power Supply	Switching mode power adaptor for sensor & speaker
Current Drain (mA)	Standby (Beam Aligned properly): 3.7 mA/Beam Broken:14 mA
Power input wire	DC Jack (φ)5.5mm/2.1mm x (L)12cm

Wireless Door Announcer	
Type	Microprocessor based control unit
Housing	ABS
Radio Frequency	433.92MHz
Coverage Range	≤100m (Open space)
Volume of Speaker	0 ~ Max (Adjustable)
Chime/Alarm Time	30 sec max. (Adjustable)
Power Supply (Input)	Switching mode power adaptor for sensor & speaker
Power input Jack	DC Jack (φ)5.5mm/2.1mm
Power Supply (Output)	12VDC/130 mA
Power output Jack	Phone Jack (φ)3.5mm
Temperature	0°C ~ 50°C

4 Digits Counter (Optional)	
Type	4 Digits Counter (Number can be adjusted +/-/Reset)
Housing	ABS
Power Supply	12VDC/130mA (same power source as speaker)
Power input wire	Phone Plug (φ)3.5mm



**WIRELESS ENTRY
ALARM KIT**

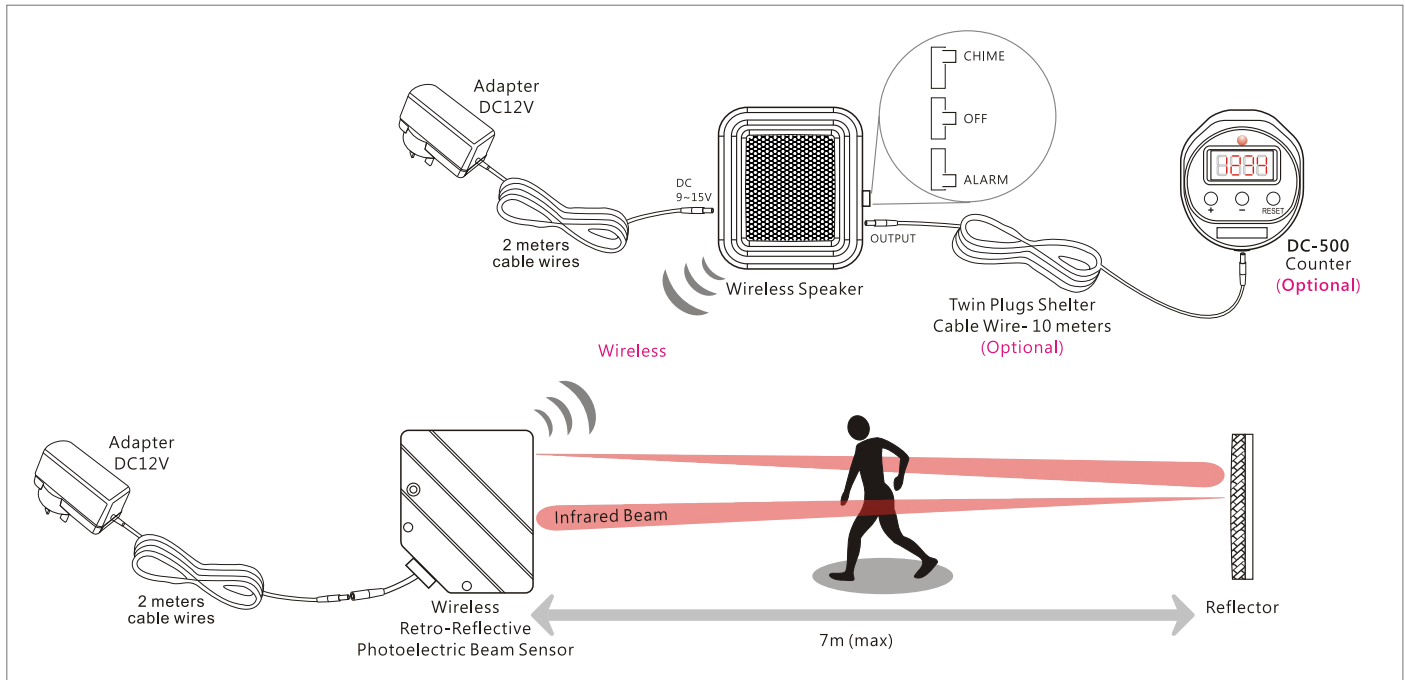


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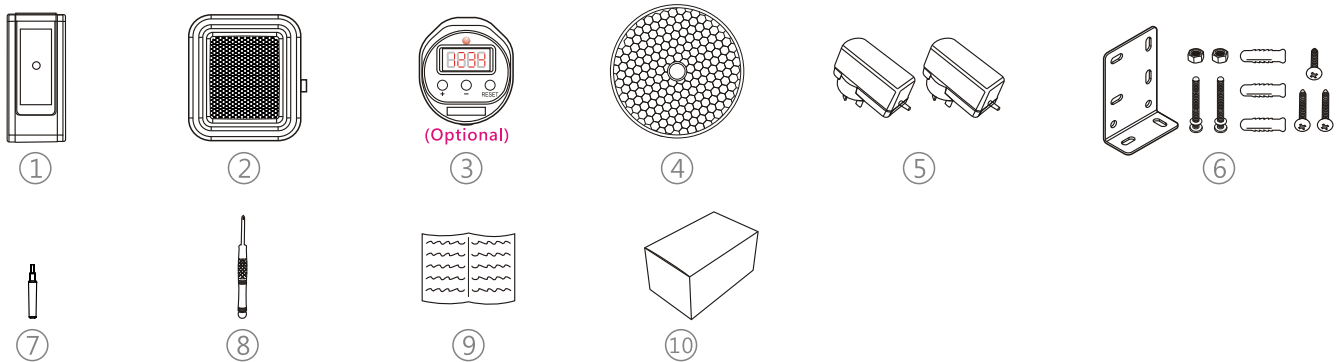
DEA7WL2
01301665

www.doss.com.au

Wiring Connection:



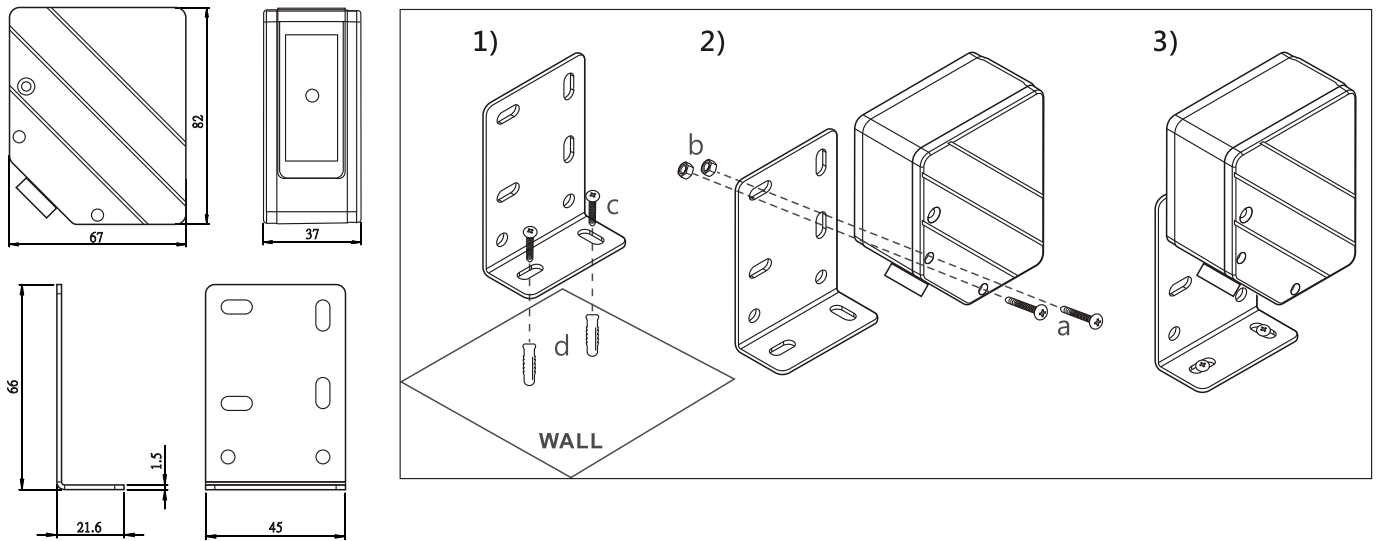
Each unit includes.:



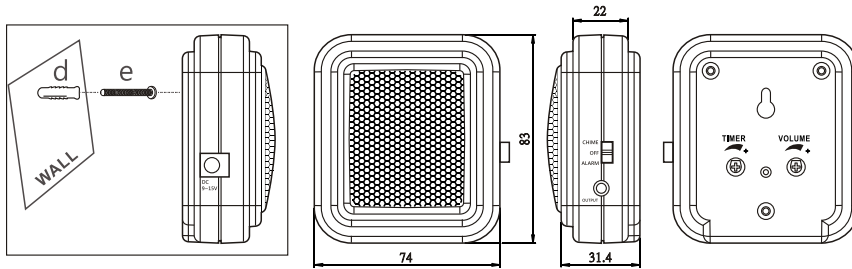
- 1 · Wireless Retro-Reflective Photoelectric Beam Sensor (Model No.: DEA7WL2)
- 2 · Wireless Speaker (Chime/Alarm Sound selectable)
(Duration and volume of Chime/Alarm adjustable) (Model No.: SPK-300)
- 3 · 4 Digits Counter (optional) (Model No.: DC-500) **Remark: Optional**
- 4 · Reflector (Model No.: RR-80G)
- 5 · AC/DC Adaptors (Switching Mode) (Model No.: SPS-300)×2 pcs, one for sensor, the other for speaker
- 6 · Mounting Bracket & screws for Sensor (Model No.: MB-300)
- 7 · Setting up puching stick
- 8 · Screw driver for Duration and volume adjustment of speaker (Model No.: SD-300)
- 9 · Manual
- 10 · Inner box (color or white box)

Introduction to accessories & dimensions:

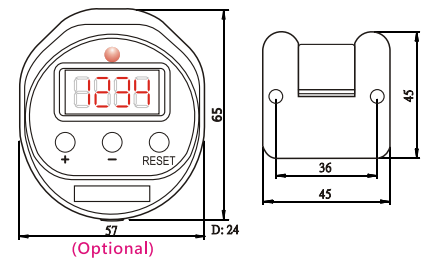
A · DEA7WL2 Beam Sensor & Bracket (MB-300)



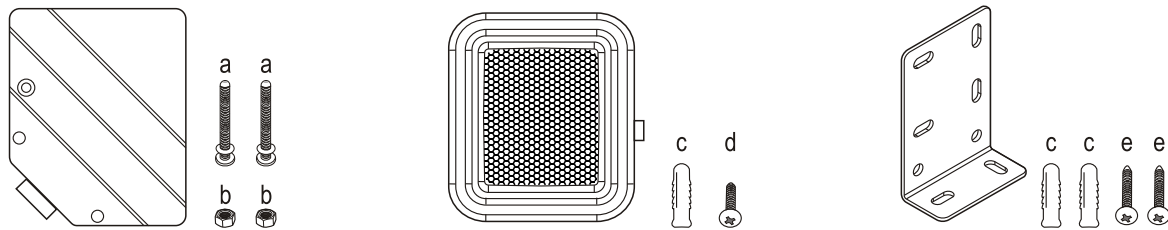
B · SPK-300: Siren



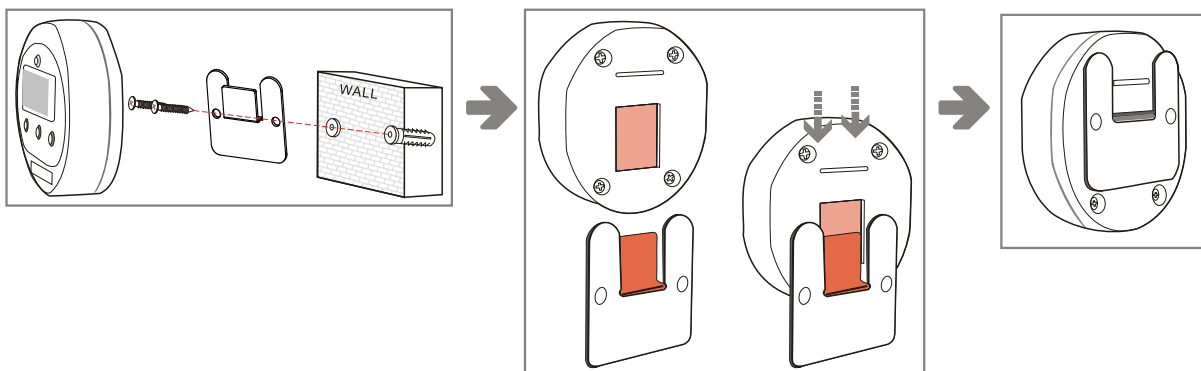
C · DC-500: 4 Digits Counter & Bracket

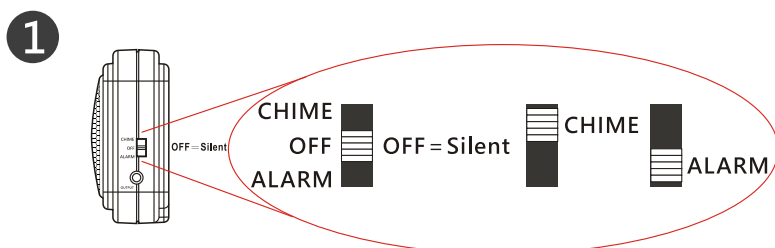


Screws for Sensor:

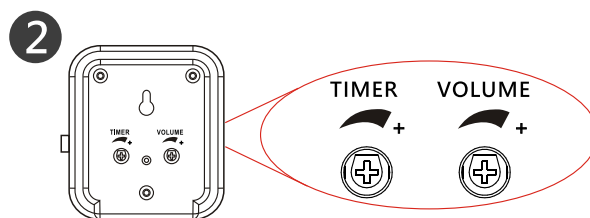


Standard Installation (DC-500) (Optional)

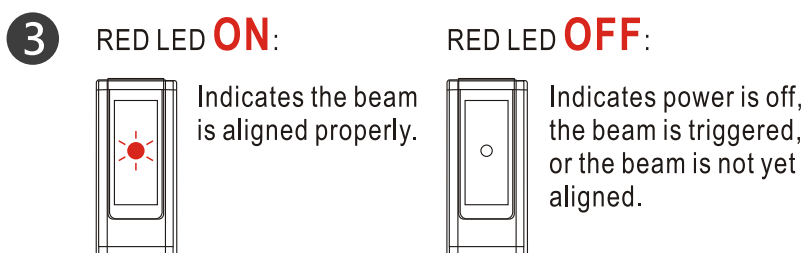




Please check that the speaker is switched to the "Chime" or "Alarm" position. (Off=Silent)



Please check that the timer and volume potentiometers are NOT in Their min. Position.

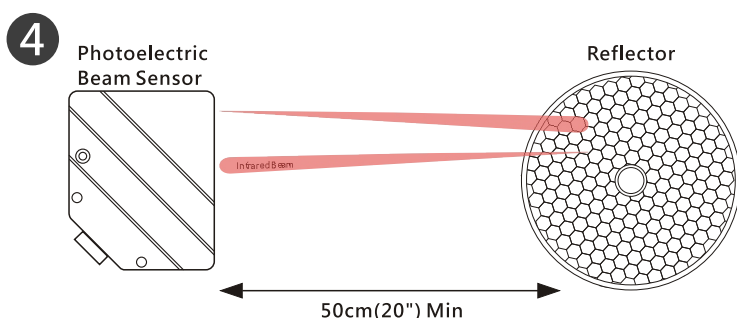


Power & Beam Alignment Indicator

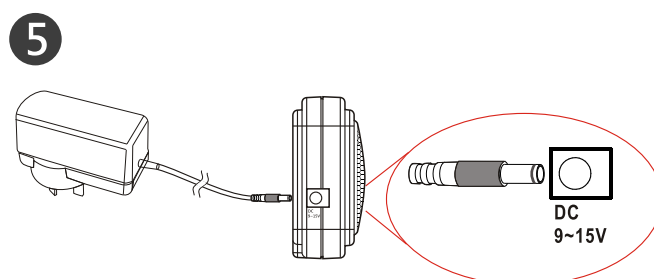
(For 2025 stock onwards, batch number 07A25 and later. "A25" = manufactured in 2025)

- When powered: The RED LED is OFF.
- To align: Adjust the beam. Once the beam is aligned properly, the RED LED turns ON.
- When triggered: The RED LED turns OFF.

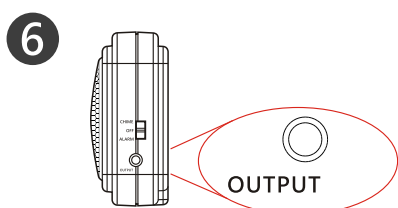
For previous stocks (e.g. 03A24, 01A23 and earlier), the indicator logic is **reversed**: The LED is **OFF** when aligned, and **ON** when triggered.



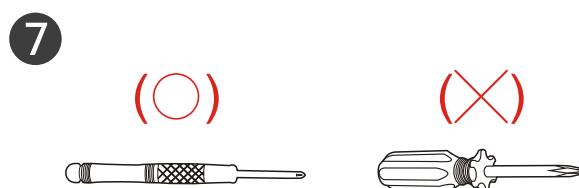
The reflector should be mounted a minimum of 50cm from the sensor otherwise it will be impossible to Align the beam properly.



Make sure the plug of AC/DC adaptor is inserted into the DC9~15V socket of the speaker.



If you have purchased the 4 digits counter (optional), it should be connected to the "OUTPUT" of the Speaker via the included 10 m cable.



Please use the attached screwdriver in the inner box, Don't use any other Size.