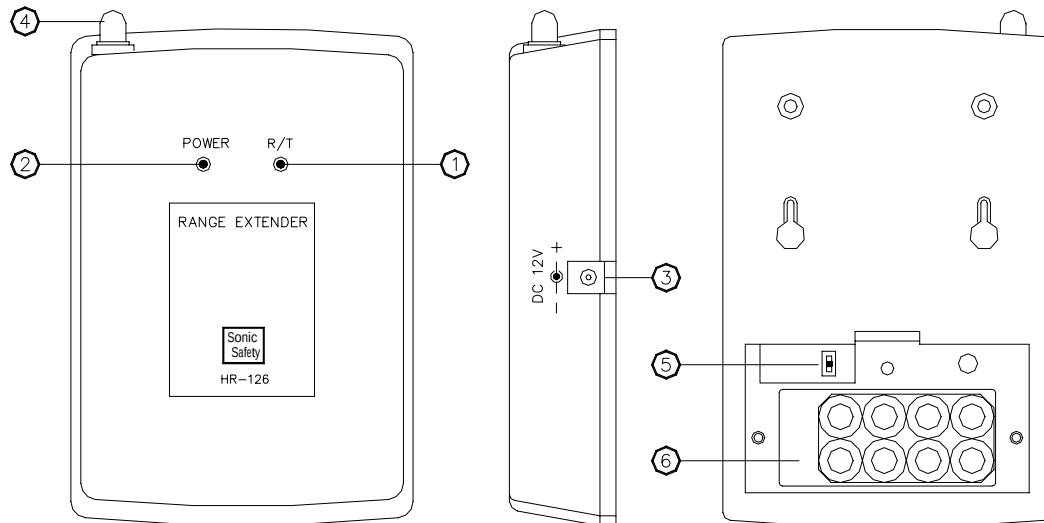


HR-126 Range Extender

The Range Extender is a booster for extending transmitting range. It can enlarge protection area to satisfy the needs for bigger houses, premises etc. The effective working range for transmitting distance is about 300 feet.



Main Features

1. **R/T LED** – range indicator.
T (Transmit) - flash in ‘orange’ light when HR-126 is transmitting.
R (Receive) - flash in ‘green’ light when HR-126 is receiving.
2. **Power LED** – it glows when the system is powered.
3. **DC Power Jack** – it connects AC power adapter and DC output lead to HR-126.
4. **Antenna** – Stretch it out upward to enable maximum range of receiving and transmitting between Detectors and the Main Console Unit.
5. **Function Switch** – to select the receiving party with ‘Sensor’ or ‘Extender’, particularly avoid the signals mixing up when have 2 units of HR-126 installed.

※ There are 2 extender modes of transmitting as below charts –



‘**Sensor**’ switch – HR-126B is only transmitting the signal of the detector not of Extender (HR-126A) to HG-1500.



‘Extender’ switch – HR-126B is only transmitting the signal of Extender (HR-126A) not of the detector to HG-1500.

6. **Rechargeable battery** – 8KR-170 specially used for HR-126. (optional)

Powering up the Extender

1. To place a rechargeable battery (8KR-180) into the battery house.
2. To connect with AC adapter, the power LED will light on.
3. To select the extender mode.

✳ In order to have the battery to work for full power, it is needed about 72 hours at least to complete the charge. The battery will work in case when AC power is in failure, or disconnected.

Installation Locations

In order to reach optimal transmitting efficiency, it is extremely important to select a suitable location to mount HR-126. Also to mount in a position where wall electric outlet is accessible.

1. Attach the screwing guidance label and fix screws on the wall. It is recommended to mount the device about 6 feet (2 meters) height from the floor and unable to be reached by children.
2. Erect upward Antenna vertically to reach optimal transmitting range.

Transmitting test

1. To press the ‘CHECK’ button on the Main Console, and use SR-119 Remote Controller to arm the system through HR-126.
2. The efficient distance between sensors and HR-126 is about 30 meters (100 feet),

And between the Main Console and HR-126 is about 100 meters (300 feet).

3. HR-126 transmits the signal to the Main Console after 4.5 seconds receiving the signal from the sensor.
4. It is better to confirm the transmitting is OK after testing for 5 times

Low Battery

The backup battery is normally lasting for 5~6 hours at least when stand by. A frequent check of battery is strongly recommended when use the backup battery 8KR-180 in HR-126. And also it is necessary to charge battery for at least 72 hours before checking the battery. To check with following process:

1. Unplug the AC adapter.
2. Battery is working normally if POWER LED stays lighting on.
3. If POWER LED turns off, it needs to replace a new rechargeable battery.

Specifications

HR126 Range Extender -

- | | |
|----------------------|-----------------------------------|
| . Power Source | : 12V AC adapter |
| . Back-up battery | : 9.6V / 180mA |
| . Transmitting range | : 300 feet in open air space. |
| . Dimensions (cm) | : 15.5 (L) x 10.7 x 3.5 |
| . Weight | : 500 grams (includes AC adapter) |

Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.