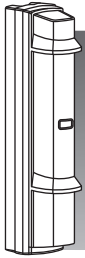




INSTALLATION INSTRUCTIONS



Smart Line series OPTION

BATTERY COMMON USE UNIT

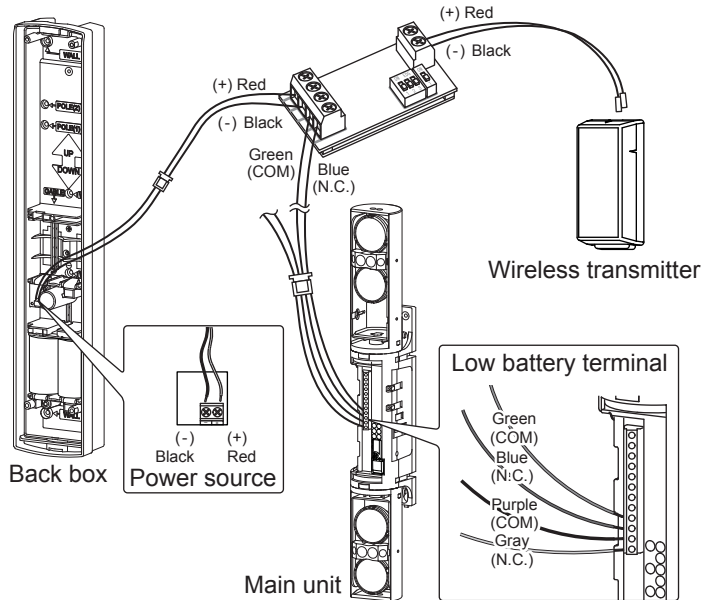
BCU-4

-Share power source and low battery signals between the main unit and the wireless transmitter.

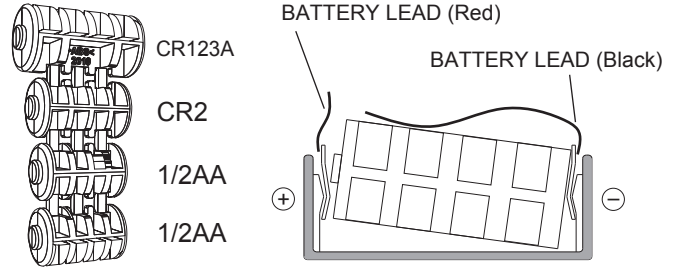
PARTS IDENTIFICATION

PCB x2, Dummy battery x4, Battery lead (Red) x4 (Black) x4, Power cable x2

WIRING (1)

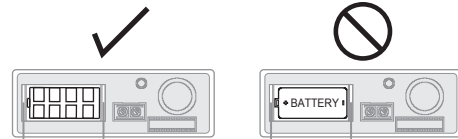


WIRING (2)



Warning

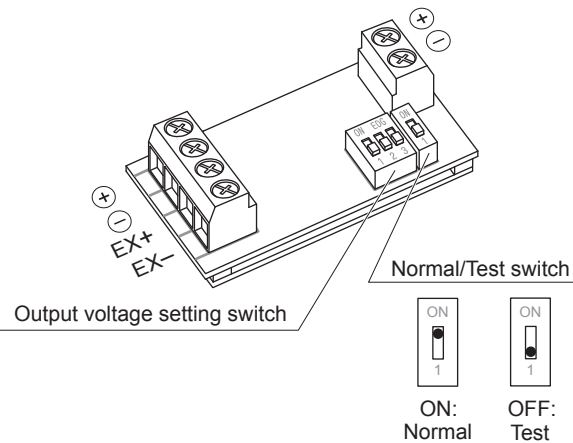
- Do not touch the ends of the red and black wires to avoid short-circuit.
- Be sure to place the dummy battery in the power supply case of the wireless transmitter. Use of the battery included with the wireless transmitter will damage the batteries in the detector.



SETTING

< When the low battery output voltage is informed. >

- 1 Adjust DIP switch according to the low battery voltage of your wireless transmitter.
- 2 Change the Normal/Test switch setting from Normal to Test and check if the low battery signal is output from the wireless transmitter.
- 3 After confirmation, put the setting back to Normal.

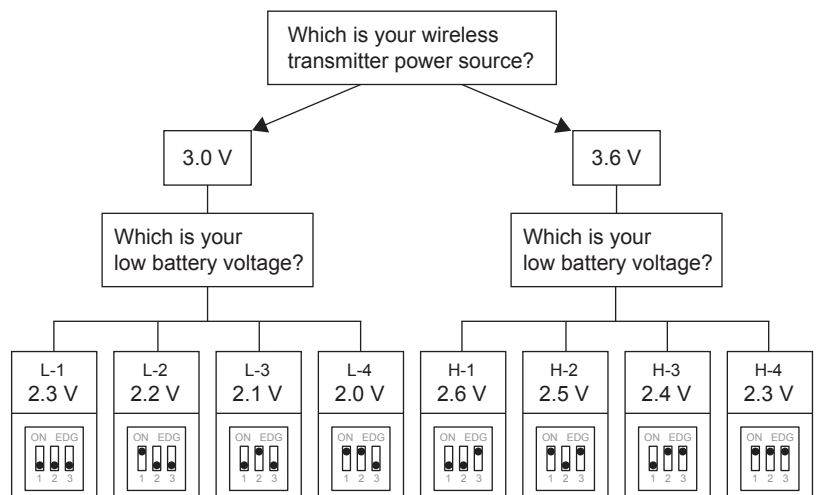


Note>>

- It may take time for some wireless transmitters to output the signal.

< When the low battery output voltage is not informed. >

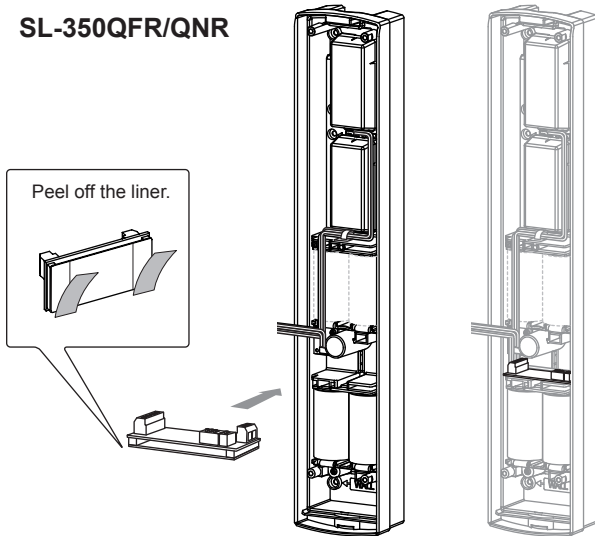
- 1 Check the power source of the wireless transmitter battery.
- 2 Change the Normal/Test switch setting from Normal to Test.
- 3 If the power source of the wireless transmitter is 3.0 V, test the DIP switch from L-1 to L-4 to check the setting for low battery output. If the power source is 3.6 V, test the DIP switch from H-1 to H-4 to check the setting for low battery output.
- 4 After confirmation, put the setting back to Normal.



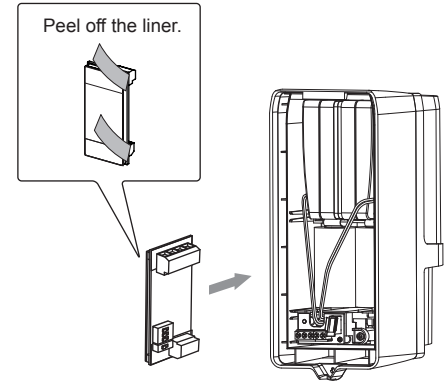
MOUNTING

Mount the PCB to the back box with double-faced tape.

SL-350QFR/QNR



AX-100/200 TFR

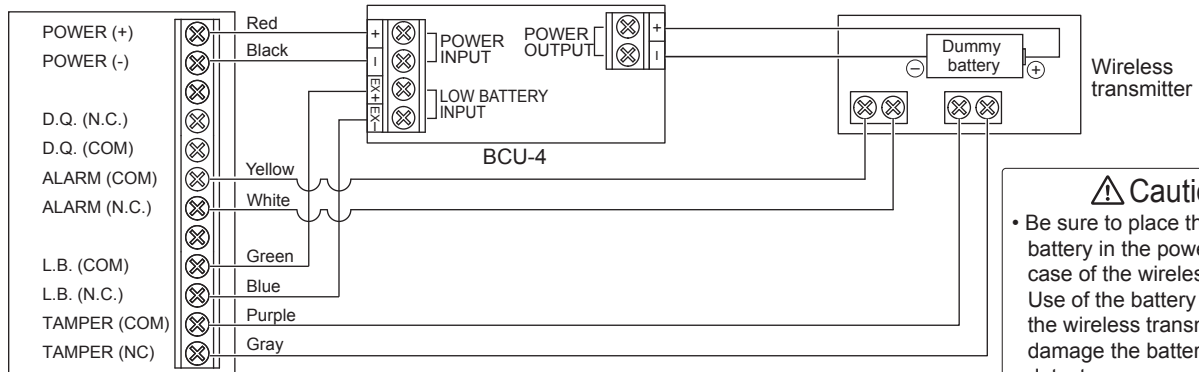


Note>>

- These illustrations are examples of integration.

SYSTEM DIAGRAM

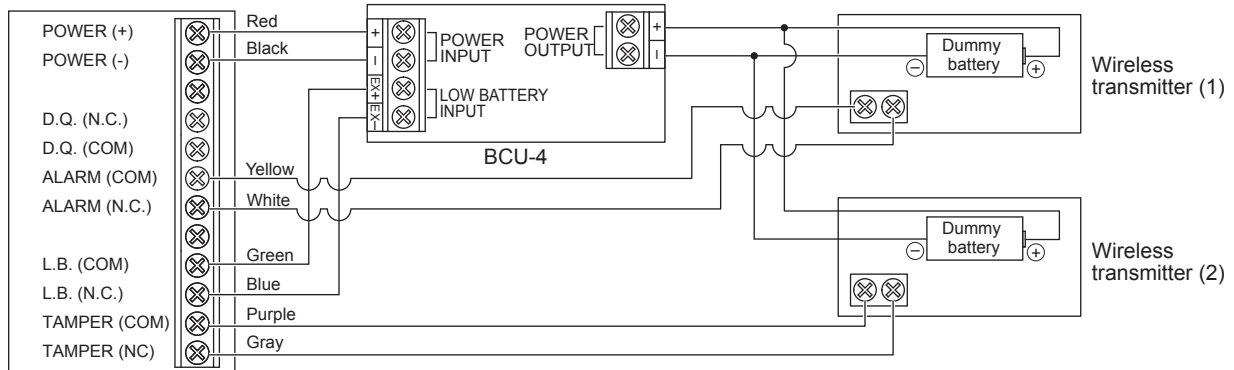
< When using 1 wireless transmitter/ N.C. output >



⚠ Caution

- Be sure to place the dummy battery in the power supply case of the wireless transmitter. Use of the battery included with the wireless transmitter will damage the batteries in the detector.

< When using 2 wireless transmitters/ N.C. output >

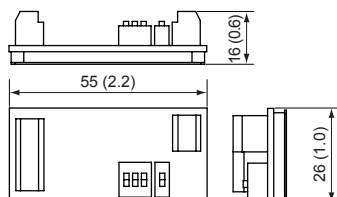


* When using D.Q., refer to "INSTALLATION INSTRUCTIONS" of SL-350.

SPECIFICATIONS

Input voltage	3.2 - 4.0 VDC	
Current draw	Approx. 5 μ A at 3.6 VDC (no load)	
Output voltage	Normal	Approx. 3.0 - 3.6 VDC
	Low battery	Approx. 2.0 - 2.6 VDC
Output current	100 mA (max.)	
Operating temperature	-20°C - +60°C (-40°F - +140°F)	
Operating humidity	95% (max.)	

DIMENSIONS



Unit: mm (inch)

OPTEX CO., LTD. (JAPAN)

(ISO 9001 Certified) (ISO 14001 Certified)
5-8-12 Ogoto Otsu Shiga 520-0101 JAPAN
TEL:+81-77-579-8670 FAX:+81-77-579-8190
URL:<http://www.optex.co.jp/e/>

OPTEX INCORPORATED (USA)

TEL:+1-909-993-5770
Tech:(800)966-7839
URL:<http://www.optexamerica.com/>

OPTEX (EUROPE) LTD. (UK)

TEL:+44-1628-631000
URL:<http://www.optex-europe.com/>

OPTEX SECURITY SAS (FRANCE)

TEL:+33-437-55-50-50
URL:<http://www.optex-security.com/>

OPTEX SECURITY Sp.z o.o. (POLAND)

TEL:+48-22-598-06-55
URL:<http://www.optex.com.pl/>

OPTEX KOREA CO., LTD. (KOREA)

TEL:+82-2-719-5971
URL:<http://www.optexkorea.com/>

OPTEX SECURITY SAS (FRANCE)

TEL:+33-437-55-50-50
URL:<http://www.optex-security.com/>

OPTEX (DONGGUAN) CO., LTD. SHANGHAI OFFICE (CHINA)

TEL:+86-21-34600673
URL:<http://www.optexchina.com/>