

RF3212/RF3212E RF Receivers

The RF3212/RF3212E Multiplex RF Receivers allow Bosch I/P bus control panels to receive RF signals from wireless devices. They are a valuable option for system users who want additional security without disruptive installations. These wireless add-ons save time for busy installers and homeowners. Tamper, jam detection and sensor missing status reports provide reassurance that the system is working properly.

■ Series Features

- Receive low battery, tamper and sensor status reports
- Compatible with Bosch Security Systems' transmitters (304 MHz and 433 MHz)
- LED indicates receiver status
- Cover tamper with optional wall tamper
- Diversity antennas

■ Series Planning

Mounting considerations

- The receiver should be mounted in a central location in regard to all wireless sensors, whenever possible.
- The receiver should be mounted on a vertical surface with at least 10 in. (25 cm) clearance for the antennas.
- Avoid mounting the receiver in areas with significant metal or electrical wiring such as, furnace rooms and utility rooms. If this is unavoidable, mount the receiver with the antennas extending above any metal surface.
- Avoid mounting the receiver in areas where it may be exposed to moisture.
- Reception distances are generally improved with higher mounting locations and with no metal objects near the antennas.
- Building materials may reduce the overall range of the unit.

■ Series Technical Specifications

Compatible Control Panels:	Solution Ultima models 844, 862, 880
Enclosure	
Dimensions (HxWxD):	4.25 in. x 6 in. x 1.2 in. (10.8 cm x 15.2 cm x 3.1 cm)
Environmental Considerations	
Temperature (Operating):	-4°F to +150°F (-20°C to +65°C)
Power Requirements	
Current Draw:	30 mA nominal
Voltage (Input):	12 VDC

RF3212 RF Receiver (304.00 MHz)

Prod. ID

RF3212



■ Technical Specifications

Reception Characteristics	
Frequency:	304.00 MHz
Range (open air):	91 m (300 ft.) nominal; up to 274 m (900 ft.) if Jam is off.

RF3212E RF Receiver (433.42 MHz)

Prod. ID

RF3212E



■ Approvals

Approvals



CE 0165 - This device complies with EN 300683, EN 300220, and EN 60950.

■ Technical Specifications

Reception Characteristics	
Frequency:	433.42 MHz
Range (open air):	305 m (1000 ft.)