

SA-38

Universal 8-Channel RF Receiver



ROSSLARE'S SA-38 IS A SOPHISTICATED HIGH PERFORMANCE WIRELESS 8-CHANNEL RECEIVER THAT HAS THE POWER TO SEAMLESSLY ADD UP TO 32 WIRELESS RF ELECTRONIC DEVICES. IT IS THE PERFECT SOLUTION FOR ADDING THE FLEXIBILITY AND COMFORT OF WIRELESS SENSORS, REMOTE CONTROLS, AND SYSTEM PRODUCTS TO WIRED INTRUSION AND ACCESS CONTROL SYSTEMS. WITH THIS STATE-OF-THE-ART RECEIVER, YOU CAN EASILY AND COST EFFECTIVELY UNLOCK SECURE DOORS, CONTROL HOUSE LIGHTS AND GARAGE DOORS REMOTELY, OR SIGNAL YOUR ALARM PANEL.

THE SA-38 PACKS ADVANCED FEATURES SUCH AS A COVER AND OPTIONAL WALL TAMPER, SIX TRI-COLORED LEDs – 2-DIGIT DISPLAY AND FOUR NAVIGATIONAL TOOLS – FOR VISUAL INDICATION OF THE CHANNEL AND SYSTEM STATUS, AND A SPECIAL INPUT FOR ARM/DISARM STATUS AND MEMORY ALARM.

GENERAL DESCRIPTION

The SA-38 Universal 8-Channel RF Receiver is a versatile state-of-the-art product that adds flexibility to any wired intrusion or access control system. This sophisticated receiver receives RF alarm and trouble signals and converts them to wired switching signals for hardwired alarm systems. It provides RF communications from a range of Rosslare's wireless transmitters, sensors or remote command and operates 12 relay outputs; eight channel outputs and four auxiliary outputs. Up to 32 wireless electronic devices can be enrolled in the receiver, up to four devices per channel, so every member of your household can access the RF remote control features.

The SA-38 Universal 8-Channel RF Receiver is packaged with the AS-38 Multi-language PC application software that runs on Microsoft Windows® 98, ME, NT, 2000, and XP operating systems.

MAIN FEATURES

- Eight relay outputs, programmable N.O or N.C

- Four trouble relay outputs: tamper, low battery, supervision fault and RF jamming
- 32 sensors, 8 RF channels with up to 4 RF sensors each
- Arm/Disarm input
- RS-485 port providing real-time communication link
- External 9 VDC, 500 mA transformer for battery charging
- Local programming using front panel controls

PROFESSIONAL GRADE FEATURES

- 50 non-volatile event log history (FIFO)
- User/programming MMI with two-LED digit display, four navigation keys, six status 3-colored LED indicators
- AS-38 uploading/downloading software included enabling the user to check, enroll, and program the parameters
- Compatible with over 10 different wireless sensors and transmitters (of the same frequency) produced by Rosslare

SPECIFICATIONS

ELECTRICAL SPECIFICATIONS

■ Input Voltage	Terminal block for +12 VDC input voltage from AC/DC power supply or from control panel
■ Input Current	Standby: 40 mA – no active relays Maximum: 160 mA – all relays on
■ RF Frequency	433.92 MHz (G-series) 868.35 MHz (H-series)
■ RF Sensitivity	-105 dBm
■ Relays	12 independent relay outputs: 8 channel outputs, 4 auxiliary relay outputs Programmable N.O. or N.C., locally or remotely (through PC software)
■ PC Connection	Via serial RS-232 COM of the PC, using Rosslare's MD-14
■ Compatible Software	AS-38 Multi-language PC application software (included)

OPERATIONAL SPECIFICATIONS

■ Supervisor	Supervisor alarm window programmable as 1, 2, 3, 8, 16, 24, or 48 hours (can be disabled)
■ Jamming Detection	Detects pulsed or fixed carrier of any 30 second period (can be disabled)
■ Channel Outputs	12 VDC, from a regulated power supply
■ Tamper	Back and cover tamper
■ Programmable Outputs	Locally or remotely (via PC configuration software – MD-14 cable necessary)
■ LED Display	Two 7-segment LED displays channel and sensor numbers Six tri-colored LED display status: Alarm Event, Supervisor, Low Battery, Tamper, Jamming, Mode

ENVIRONMENTAL SPECIFICATIONS

■ Operating Environment	Indoor use
■ Operating Temperature	-5°C to 50°C (23°F to 122°F)
■ Operating Humidity	0 to 95% (non-condensing)

PHYSICAL SPECIFICATIONS

■ Dimensions (H x W x D)	190 x 140 x 30 (7.5 x 5.5 x 1.2 in.)
■ Weight	320 g (0.70 lbs)

SYSTEM COMPONENTS

The SA-38 8-Channel Universal Receiver is compatible with a full line of Rosslare's Wireless Intrusion products (limited to the same operating RF frequency) and any wired intrusion systems that accept a hard-wire relay input.

PRODUCT WARRANTY

2-Year Limited Product Warranty

ABOUT ROSSLARE SECURITY

Rosslare Security Products, a division of Rosslare Enterprises Ltd., has been manufacturing high-quality security products since 1980. The company's three main lines – Access Control, Intrusion Detection and Guard Patrol – together with a growing product range have transformed Rosslare Security into a major worldwide force in security. Rosslare holds itself to the highest standards of customer service and manufacturing (ISO 9001:2008, ISO 14001:2004, ISO 13485:2003). The company complies with the EU Directive 2002/95/EC on Restriction of Hazardous Substances (RoHS).

Visit our website: www.rosslaresecurity.com

