



**BOSCH**  
Invented for life

## Learn Mode Repeater Kit (319.5 MHz)



- ▶ **Dual-antenna receiver for improved sensor data reception**
- ▶ **Programmable to repeat specific wireless devices or other repeaters**
- ▶ **Extends protected area**
- ▶ **Tamper switch**
- ▶ **Sends a supervisory report to the receiver every 64 minutes**
- ▶ **AC power failure option**

The 80-922-1 Repeater Kit is a dual-antenna receiver and transmitter that increases the distance that a wireless device can be installed from a loop receiver and compatible control panel. It adds power and flexibility to wireless security systems where the distances involved are significant.

### Functions

#### Learn Mode Technology

Each device has a unique, programmed identity. Control panels recognize and learn the identity of each device in the system, eliminating programming errors in the field.

### Installation/Configuration Notes

#### Compatibility Information

Receivers: RF3226 Quik Bridge Receiver  
Quik Bridge Learn Mode Loop Receiver  
(60-660-01-95R)

#### Mounting Considerations

Mount the repeater to a wall.

### Technical Specifications

#### Electrical

Primary Power: 12 VAC to 16.5 VAC, 2 VA transformer  
12 VDC Power Supply

Backup Battery: 12 VDC, 1.3 Ah lead-acid battery

Current Draw: 50 mA

**Note** If a backup battery is used, a 15 VAC to 16.5 VAC, 2 VA transformer is required.

#### Mechanical

Color: Belgian gray

Dimensions including antennas: 11.8 cm x 16.5 cm x 3.4 cm (4.65 in. x 6.5 in. x 1.33 in.) plus two 21.6 mm (8.5 in.) antennas

Weight: 159 g (5.6 oz)

Range (Open-Air): 480 m (1000 ft)

Frequency: 319.508 MHz

Bandwidth: 40 kHz

Sensitivity: -110 dBa nominal

#### Environmental

Temperature (operating): +4°C to +49°C (+40°F to +120°F)

## Ordering Information

Learn Mode Repeater Kit (319.5 MHz) 80-922-1

Dual-antenna receiver and transmitter. Extends protected area. Includes tamper switch.

**Europe, Middle East, Africa:**  
Bosch Security Systems B.V.  
P.O. Box 80002  
5600 JB Eindhoven, The Netherlands  
Phone: + 31 40 2577 284  
Fax: +31 40 2577 330  
emea.securitysystems@bosch.com  
www.boschsecurity.com

**Americas:**  
Bosch Security Systems, Inc.  
130 Perinton Parkway  
Fairport, New York, 14450, USA  
Phone: +1 800 289 0096  
Fax: +1 585 223 9180  
security.sales@us.bosch.com  
www.boschsecurity.us

**Asia-Pacific:**  
Bosch Security Systems Pte Ltd  
38C Jalan Pemimpin  
Singapore 577180  
Phone: +65 6319 3450  
Fax: +65 6319 3499  
apr.securitysystems@bosch.com  
www.boschsecurity.com

**Represented by**