

Duplex Repeater

The Duplex Repeater is a purpose designed repeater for the Honeywell Response Paging System. It's used to extend radio coverage with the Response Paging family on fire event messages.

The repeater receives and transmits wirelessly and includes two dipole antennas; one for the receive connection and one for the transmit connection.



SPECIFICATION	
Power Supply	AC power supply 100 – 240V AC 50/60Hz 0.7A
Internal DC Voltage Supply	+13.5 V nom, +11.5 V to 15.2 V
Internal DC Input Current Standby	100mA, Transmit: 1.3A approx
RF Frequency UHF	450 - 470 MHz
Channel Spacing	12.5 kHz
RF Output Power	Up to 4 watt, Site survey requirement dependant
Modulation	Carrier FSK with NRZ data
Deviation	±2.25 kHz or ±4.5 kHz
Paging Baud Rate	512 or 1200
Paging Protocol	POCSAG
RX Sensitivity	Approx -124dBm
Spurious Outputs	-37dBm or less
Case Dimensions	272mm x 258mm x 78mm
Type Approvals	AS/NZS4769, EN 300 224, FCC Pt 90
Temperature Limits	-10°C to +50°C

ORDER CODES	DESCRIPTION
HLS-RES-REPEAT	Full Duplex Repeater UHF RX/TX 4 Watts

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Honeywell reserves the right, without notification, to make changes in product design or specifications.

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