

PAGING RESPONSE AID

The Response Aid Paging System provides an easy-to-use, cost effective solution to support deaf and hard of hearing people in case of a fire emergency.

The Response Aid paging unit consists of a wall-mounted HIPS (High Impact Polystyrene) enclosure containing a 4 watt transmitter enclosed in an aluminium surround. It includes a 240-volt 3-pin plug, status indicator LED for Power and Transmission, and straight wire antenna, connected to the top of the enclosure using a 3/8 BNC bayonet connection.

The unit has the capability of 15 dry contacts (7 inputs and 8 outputs). The Input contacts can be set to normally open (N/O) or normally closed (N/C) with the Output contacts being normally open (N/O). An input contact on one paging transmitter can trigger and output contact on another Response paging transmitter on the same site, widening the scope and application that Response Plus can be installed.

In the event of transmitter failure, power supply failure and a loss in power output from the transmitter, there is a Fault output normally closed alarm accessible via internal terminal header. This is to be connected back to the fire alarm panel to alert the fire alarm panel of any failures. The system includes battery backup as standard for a minimum 24 hours after mains power failures. There is a low voltage detection sounder which will alert in the event of low battery.

The Response Aid transmitter is fully site programmable via the internal LCD display and mini keypad. The transmitter can be programmed to support and range of Honeywell fire control panel platforms and additional 3rd party protocols.

BACK-UP SYSTEM

In the event of a 230 volt mains failure to the system the alarm device can incorporate a stand-by battery, which will support the system for >24 hours in non-alarm plus thirty minutes in alarm.

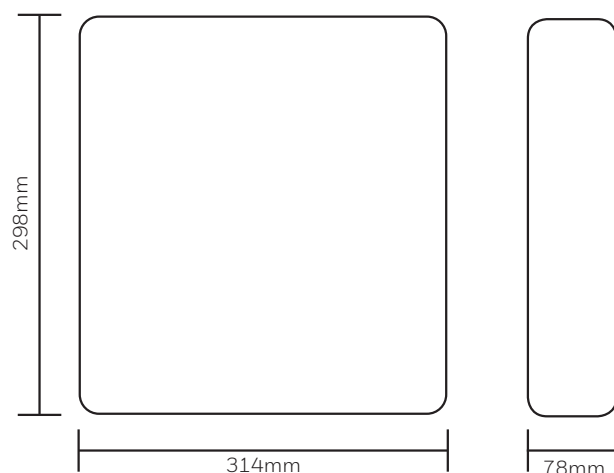
FEATURES AND BENEFITS

- The paging system consists of a wall-mounted High Impact Polystyrene enclosure containing 4-watt transmitter enclosed in aluminium surround
- Adheres to BS 5839 and meets Equality Act 2010 recommendations
- Status indicator LED for Power and Transmission
- Monitored power output
- An optional antenna (dipole) installed external to equipment enclosure
- RS232 data port input and programming
- 15 (8 output, 7 input) dry volt free contact alarms
- Alphanumeric Pagers
- EN54-4 Power Supply
- Compliance with the requirements of BS 5839 part 1 low battery audible alarm in the event of mains failure
- Out of Range/No service indication to pagers
- A 240-volt 3 pin plug (fused spur option)
- Site programmable for multiple Honeywell fire panel options



Response Aid Technical Specification

TECHNICAL SPECIFICATION	RESPONSE AID
Power Supply	100-240VAC
Frequency Range	UHF: 427.5 - 475MHz, synthesized
Channel Spacing	12.5kHz
Power Output	500mW to 4W ± 1 dB 50 Ω
Baud Rate (Transmission)	512 or 1200 Baud
Transmit Message Format	POCSAG
Message Length	Up to 64 characters in total dependent on Protocol and Pager type.
Power Usage	Sleep: 40mA Transmit: 1.2A approx
Temperature Range	-10°C to +60°C
Case Dimensions	298mm x 314mm x 78mm (LxWxD)
Panel connection	4 dry contacts
Programming tool connection	9600 Baud N:8:1 (for changing unit parameters and message output)
Data Input Paging Protocols	Supports SALCOM, Scope, ESPA, Ascom



ORDER CODES	
Model:	Description:
HLS-RES-V3AI	Response Aid Paging System
HLS-RES-ANT2	Response Dipole Antenna with 5mtrs cable
HLS-RES-LICENCE	Response Radio Paging Licence (5 Years)
HLS-RES-AMP	Response Plus / Aid 25 Watt Amplifier
HLS-RES-V3REP-AI	Response AI repeater
HLS-RES-RADIO	Radio module for Response Plus and Aid
HLS-RES-SMS	SMS module for Response Plus and Aid
HSL-RES-ANT2	Response Dipole Antenna with 5M of cable

All technical data is correct at the time of publication and is subject to changes without notice. All trademarks acknowledged.
Installation information: In order to ensure full functionality, refer to the installation instructions as supplied.