

RE-2AS RVAP

VOICE ALARM PANEL

General

The Voice Alarm Panel RE-2AS RVAP is designed to provide with evacuation system controls for different areas. It allows to know the condition of the system and broadcast both live and pre-recorded alarm and evacuation warnings through up to 56 selection memories of evacuation zones.

This is possible because it can equipup to 7 expansion keyboards with 8 zone memories each one. Moreover, expansion keyboards available allow it to adjust to the special features of each system.

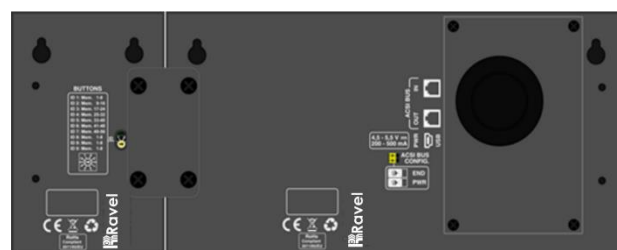
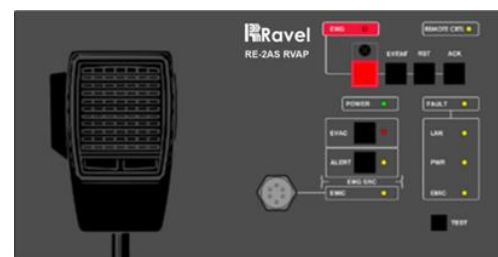
The equipment also offers the chance to choose the source of the power supply between local or supplied through the ACSI bus. The ACSI bus allows a maximum total wiring of 1000m (914.4 yrd) and offers priority levels for the devices connected in bus mode.

It has functions such as volume control, dynamic sound adjustment and programmable buttons that allow other system functions such as pre-recorded messages broadcasting.

It has a metallic chassis that provides stability and protection against damage. All the buttons are designed for intensive use.

Features

- Up to 56 group memories of up to 8 zones per memory (448 zones of the system).
- Prior notice tone.
- Volume adjustment.
- Power supply indicator.
- Emergency condition general indicator.
- Fault condition general indicator.
- Link with system fault indicator.
- Power supply fault indicator.
- Emergency microphone fault indicator.
- Broadcasting of voice evacuation message indicator.
- Broadcasting of voice evacuation recorded message indicator.
- Broadcasting of voice alarm message indicator.
- Remote control indicator.
- Emergency controls, Reset, Acknowledge, Test, Alarm message, Evacuation message.
- Side port to connect up to 7 expansion keyboards.
- Priority configuration and operating parameters.
- Local or peripheral power supply.



EN 54-16

Specification

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<i>Power supply</i>	4.5 - 5.5V DC, 1 x mini USB AB
<i>RE-2AS RVAP power consumption</i>	200 - 500 mA (max with all the expansion keyboards)
<i>Expansion keyboard consumption</i>	40 mA max
<i>Frequency response</i>	200 Hz – 12000 Hz (+/- 2dB)
<i>Signal to noise ratio</i>	> 98dB, A-weighted
<i>Sensitivity</i>	- 43 dB (1KHz)
<i>Directionality</i>	Axial, with hypercardioid type polar diagram
<i>Type of transducer</i>	Dynamic with moving coil
<i>DSP</i>	Integrated. 48 kHz, 24 bits – 172 MIPS
<i>ACSI Bus</i>	2 x Identical ACSI ports: Balanced audio 1Vp, 0.707Vrms. 10 KΩ, female RJ-45, Total 1000m. / 3280ft
<i>Expansion Port</i>	1 x Pin row, 2 rows x 5 female contacts
<i>Indicators</i>	Condition: Emergency, General Fault, Remote Control Fault: Link, Supply, Emergency microphone Message in broadcast: Evacuacion recorded, Warning recorded, live message
<i>Buttons</i>	Emergency, Reset, Confirmation, (EMG, RST, ACK) 1 button for talking (TALK) Recorded message: Evacuation and Warning Indicators test
<i>Functions</i>	Prior notice tone, volume control, DSA (Dynamic sound adjuster). Directionality until 448 system zones.
<i>Microphone cable length</i>	500mm / 13,75"
<i>Dimensions without microphone (A x H x P)</i>	259mm x 132mm x 50mm / 3,38" x 2,56" x 7,48"
<i>Dimensions with microphone (A x H x P)</i>	259mm x 132mm x 93mm / 3,38" x 2,56" x 7,48"
<i>Keyboard/Rack complements dimensions (A x H x P)</i>	86mm x 132mm x 42mm / 3,38" x 2,56" x 7,48"
<i>Operating conditions</i>	5°C to +45°C / 23°F to 113°F 5% to 95% Relative Humidity (no condensation)
<i>Finish</i>	Fe, Grey RAL 7016
<i>Weight</i>	1 Kg / XX,x lb
<i>Expansion keyboard weight</i>	0.5 Kg / XX,x lb
<i>RE-2AS RVAP accesories</i>	1 x miniUSB AB male to USB A male 1x Power Supply USB connector Type C (EU Type) 1 x Ethernet cable 2m / 6,56ft. 2 x 19" Rack installation accessories 1 x block accessory for wall instalation
<i>Expansion keyboard accesories</i>	1 x expansion port adaptor 2 x 5 contacts male-male 1 x connecting piece to VAP 1 4 x countersunk screw (4 x 8 mm)

Ordering Information

Model	Description
RE-2AS RVAP	Voice Alarm Panel

India

RAVEL ELECTRONICS PVT LTD.,
150A, Electronics Industrial Estate,
Perungudi, Chennai – 96, India.
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USA

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Doral, Florida 33172, USA.