

# Voice Alarm System

## *FIREvac*



### Features

- ▶ A high quality digital message store containing programmable evacuate alert and test messages
- ▶ A prioritised mixer
- ▶ Two 60 Watt 'Class D' amplifiers
- ▶ An EN54 compliant switch mode PSU/battery charger
- ▶ Three balanced line level inputs (for the optional connection of a firefighter's microphone, paging/public address equipment and a background music source)

### Description

Hochiki's FIREvac is a low-cost, high quality modular voice alarm system purposely designed to simplify the provision of a fully BS5839-8 compliant voice alarm system. From one compact wall-mounted enclosure, FIREvac can easily be added to an Hochiki ESP loop by way of a module such as the CHQ-DRC (Dual Relay Controller), making integration with an existing fire detection system simple. Up to 10 Slave FIREvac panels can be connected to give more voice alarm coverage if required. Both Master and Slave FIREvac panels are also available with a hot swap amplifier.

| Specification                 |   |
|-------------------------------|---|
| Ordering Codes                | FIREvac Master / FIREvac Slave                                    |
| Operating Voltage             | 230Va.c. ±10% 50/60Hz   |
| Maximum Output Current        | 5A (continuous), 7A (peak) @230Va.c.                              |
| Quiescent Current             | 85mA (mains fail, no devices)                                     |
| Battery Size & Type           | 2 x 12V 7AHr VRLA connected in series                             |
| Speaker Circuits              | 2 x 60 Watts (continuous average power)                           |
| Speaker Line Cabling          | 2 core fire resistant screened, min 1.5mm <sup>2</sup> (500m max) |
| BGM Input Level               | 230mV RMS (no link), 2.3V RMS (link fitted)                       |
| Page Mic Input Level          | 230mV RMS (no link), 2.3V RMS (link fitted)                       |
| Inputs                        | 4 – Evacuate, Alert, Test, Reset                                  |
| Balanced Line Level Outputs   | 3 – Fireman's Mic, Background Music, Public Address               |
| Slave Line Output             | Up to 10 Slaves per Master Panel                                  |
| Colour and Case Material      | RAL 7042 – "Traffic Grey A") / Steel                              |
| Weight (kg) / Dimensions (mm) | Master 11.1, Slave 10.6 / H450 x W450 x D115                      |