PERTRONIC INDUSTRIES LTD

DATASHEET
Audio Visual Sign

Overview

The Pertronic Industries Audio-Visual Sign has been designed to provide reliable visual and audible alerts as required by AS 4214:2018 and ISO 14520.

The Audio-Visual Sign uses the latest LED technology to provide high visibility and improved performance compared to other technologies.

An inbuilt microcontroller and amplifier enable the device to produce clear audible tones and verbal messages at sound levels up to 98 dBA.

An LED matrix is available as an option for visual indication of a countdown timer.

The Audio-Visual Sign supports 2, 3, or 4-wire standard connections.

Configuration DIP Switches provide visual and tonal control for each of two stages.

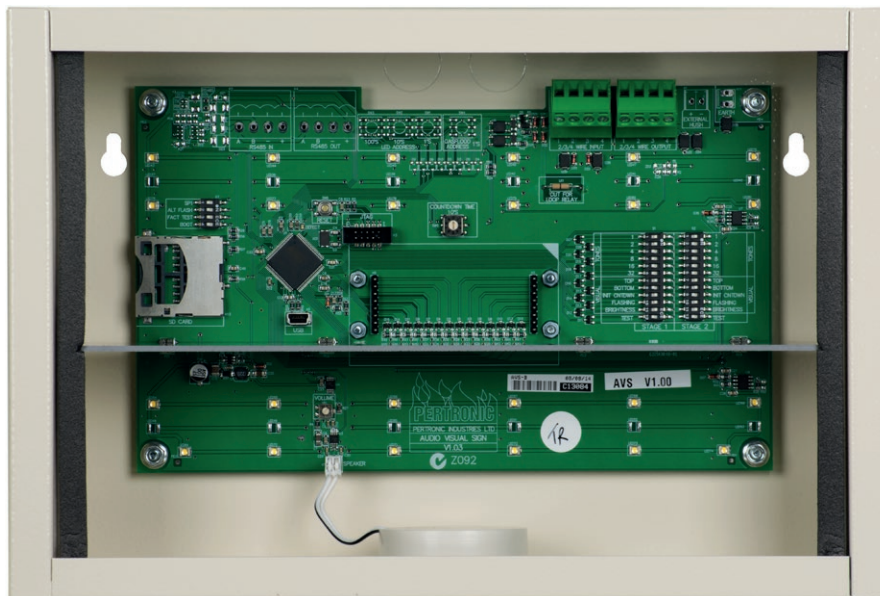*Pertronic Audio Visual Sign*

Features

- » Preloaded with 47 tones including NZS 4512:2010 Appendix F Evacuation and Alert tones with verbal messages
- » Volume control for tones and verbal messages
- » Dual stage configuration options
- » Optional LED Countdown display
- » Low current consumption
- » 2-wire, 3-wire and 4-wire operation
- » Large range of visual messages available

Specification

Operating Voltage		20 to 30 Vdc
Current	Quiescent (4 wire)	0.2 µA standby
	Alarm Active	38 – 130 mA (configuration dependent)
Monitoring Voltage		≤ 0.5 V in 2 wire mode
Cable Terminations		0.5 to 2.5 mm²
Tones and Messages		47 selectable tones and verbal messages, stage selectable
Countdown Time		Up to 90 seconds
Backlight		8 combinations of operations, stage selectable
Audible Level @ 24 V		Tone 95 dBA ± 3 dBA @ 1 m
Dimensions (H x W x D mm)		182 x 345 x 75
Weight		1.4 kg
Operating Temperature		-10 °C to +50 °C
Operating Environment		10 to 95 % RH (non-condensing)
Material		1.2 mm powder coated steel
Colour		Beige

Internal View

Ordering Information & Notes

Product Code	Description
AVS-C	Audio Visual Sign c/w Countdown Timer (Requires Separate Fascia)
AVDC-WSFD-R	A/V Sign Countdown Fascia Warning Sliding Fire Door Red
AVDC-DNEGD-R	A/V Sign Countdown Fascia Do Not Enter Gas Discharged Red
AVDC-FDC-R	A/V Sign Countdown Fascia Fire Door Closing Red
AVDC-FADNE-R	A/V Sign Countdown Fascia Fire Alarm Do Not Enter Red
AVDC-FAEA-R	A/V Sign Countdown Fascia Fire Alarm Evacuate Area Red
AVD-DNEGD-R	A/V Sign Fascia Do Not Enter Gas Discharged Red
AVD-ESI-A	A/V Sign Fascia Extinguishing System Inoperative Amber
AVS-B	Audio Visual Sign (Requires Separate Fascia)
AVD-FA-R	A/V Sign Fascia Fire Alarm Red
AVD-FDC-R	A/V Sign Fascia Fire Door Closing Red
AVD-FADNE-R	A/V Sign Fascia Fire Alarm Do Not Enter Red
AVD-FAEA-R	A/V Sign Fascia Fire Alarm Evacuate Area Red
AVD-WSFD-R	A/V Sign Fascia Warning Sliding Fire Door Red
AVD-CFDNE-R	A/V Sign Fascia Carpark Fire Do Not Enter Red
AVD-FAI-B	A/V Sign Fascia Fire Alarm Isolated Blue
AVD-FAO-B	A/V Sign Fascia Fire Alarm Off Blue
AVD-GD-B	A/V Sign Fascia Gas Discharged Blue
AVD-GR-B	A/V Sign Fascia Gas Released Blue
AVD-FDI-B	A/V Sign Fascia Fire Detectors Isolated Blue
AVD-FPI-A	A/V Sign Fascia Fire Panel Isolated Amber
AVD-FPI-B	A/V Sign Fascia Fire Panel Isolated Blue
AVD-SFPI-A	A/V Sign Fascia Sub-Fire Panel Isolated Amber