

PERTRONIC INDUSTRIES LTD

DATASHEET

Weatherproof Audio Visual Sign (NZ)



Overview

The Pertronic Weatherproof Audio Visual Warning Sign (AVS-B-WP+S) provides reliable visual alerts as required by AS 4214 and ISO 14520. The device also produces clear audible tones and voice messages.

The audio visual warning sign uses the latest LED technology to provide high visibility.

It is housed in an IP-66 rated weatherproof enclosure.

An on-board microcontroller provides an eight stage selectable backlight operating modes and a 90 second (maximum) countdown timer.

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

The visual warning sign supports 2, 3, or 4-wire connections.

Configuration DIP switches provide tone control for each of two stages.



*Pertronic Weatherproof Audio Visual Sign with Sounder (AVS-B-WP+S)
Fitted with optional Fire Alarm Display and Red Fascia (AVD-FA-R)*

Features

- » Preloaded with 47 tones including NZS4512:2010 evacuation and alert tones, including verbal messages
- » Volume control for tones and voice 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 μ A Standby
	Alarm	38 to 130 mA (configuration dependant)
Monitoring Voltage		\leq 0.5 V in 2 wire mode
Cable Terminations		0.5 to 2.5 mm ²
Countdown Time		Up to 90 seconds
Backlight		8 selectable combinations of operations, stage selectable
Audio Power		1 Watt @ 24 V (Tone)
Dimensions (H x W x D mm)		280 x 280 x 135 mm
Shipping Weight		2.0 kg
Operating Temperature		-10 °C to +50 °C
IP Rating		IP66 – with suitable cable glands
Material		ABS Plastic
Colour		Light Grey

Internal View



Ordering Information & Notes

Product Code	Description
AVS-B-WP+S	Audio Visual Sign Weatherproof Version with Sounder (Requires Separate Fascia)
AVD-ESI-A-WP	A/V Sign Fascia, Extinguishing System Inoperative, Amber, Weatherproof
AVD-FADNE-R-WP	A/V Sign Fascia, Fire Alarm, Do Not Enter, Red, Weatherproof
AVD-FAEA-R-WP	A/V Sign Fascia, Fire Alarm, Evacuate Area, Red, Weatherproof
AVSCM	Countdown Module for Audio Visual Sign

The information in this document must not be treated as partial or complete instructions for the design, construction, installation, commissioning, or maintenance of fire detection, fire alarm, or building evacuation systems. Fire and evacuation systems must be designed and installed by properly qualified persons, in accordance with all regulatory requirements.

Unless explicitly stated otherwise, this document provides typical specifications and nominal dimensions. Actual product performance and dimensions may vary.

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