

# Audio-Visual Sign

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ISO 9001: 2008

International Standards  
Certifications  
QAC/R64/0012

## Product Overview:

The Pertronic Industries Audio-Visual Sign has been designed to provide reliable visual and audible alerts as required by AS4214 and ISO14520.

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 voice messages at sound levels up to 98dBA.

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.

### Features:

- ▶ Sleek, low-profile design
- ▶ Preloaded with 47 tones including AS2220 Evacuation and Alert Tones, plus voice 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

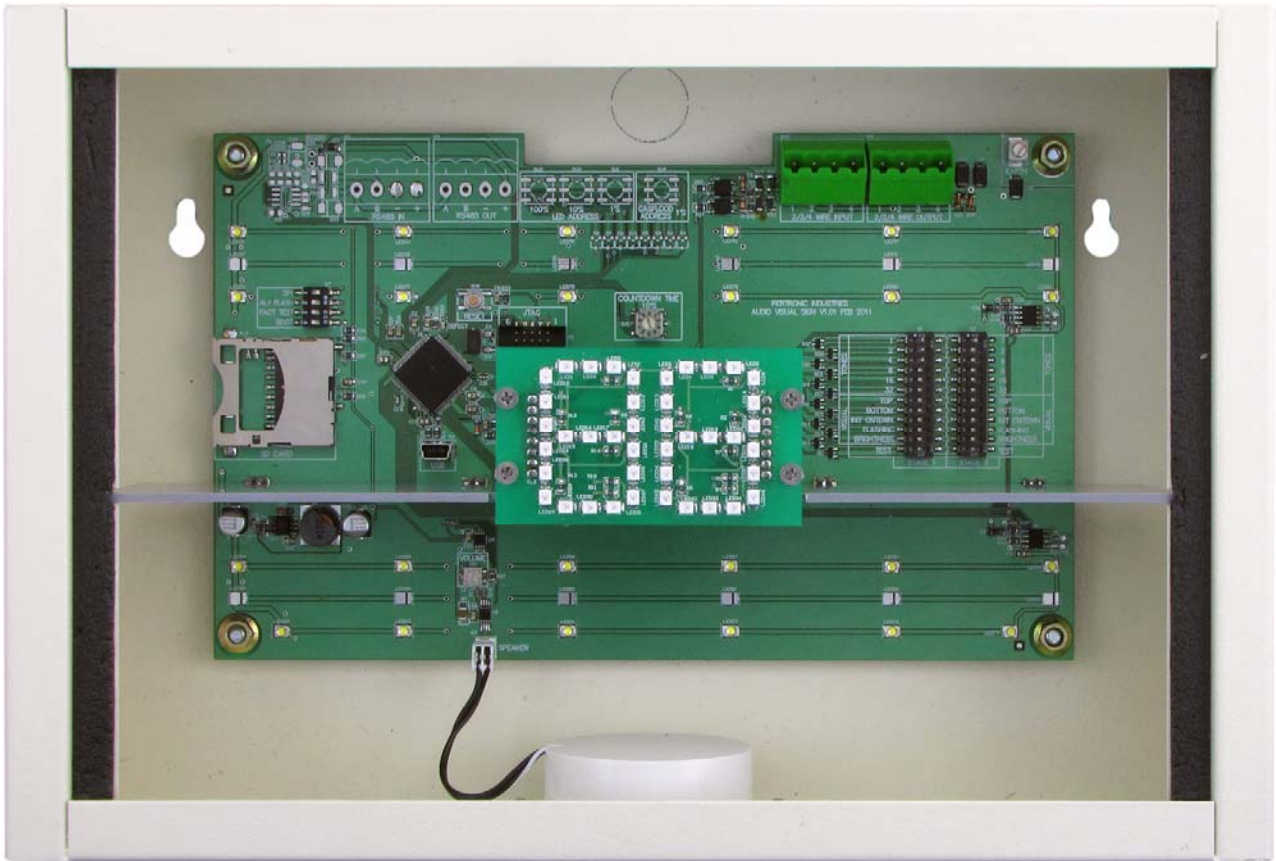


## Specifications:

<b>Electrical:</b>	<b>Operating Voltage</b> 20 to 30Vdc	<b>Quiescent Current (4 Wire)</b> 0.2µA Standby	<b>Alarm Current</b> 38 - 130mA (configuration dependant)
<b>Environmental:</b>	<b>Operating Temperature Range</b> -10 to +50°C		<b>Humidity</b> 10 to 95% RH (non-condensing)
<b>Mechanical:</b>	<b>Dimensions (H x W x D mm)</b> 182 x 345 x 75	<b>Weight</b> 1.4Kg	<b>Material</b> 1.2mm Steel Powder Coated
			<b>Colour</b> Beige

- ▶ Monitoring voltage: ≤0.5V in 2 wire mode
- ▶ Cable terminations: 0.5 to 2.5mm<sup>2</sup>
- ▶ Tones and Messages: 47 selectable tones and voice messages. Stage selectable
- ▶ Countdown time: Up to 90 seconds
- ▶ Backlight: 8 combinations of operations. Stage selectable
- ▶ Audible Level @24V: Tone 95dBA +/- 3dBA @1m

**Internal View:**



**Product Codes**

<b>NZS Code</b>	<b>Description</b>
<b>Basic Version</b>	
AVS-B	Audio Visual Sign, No Fascia
AVS-B+F	Audio Visual Sign, C/W Fascia
AVD-FDNE	A/V Sign, Fascia, Fire Alarm, Do Not Enter
AVD-FEA	A/V Sign, Fascia, Fire Alarm, Evacuate Area
AVD-ESI	A/V Sign, Fascia, Extinguishing System Inoperative
AVD-DNEGD	A/V Sign, Fascia, Do Not Enter, Gas Discharged
AVD-FDC	A/V Sign, Fascia, Fire Door Closing
AVD-WSFD	A/V Sign, Fascia, Warning Sliding Fire Door
AVD-F	A/V Sign, Fascia, Fire Alarm
<b>Countdown Timer Version</b>	
AVS-C	Audio Visual Sign, with Countdown Module No Fascia
AVS-C +F	Audio Visual Sign, with Countdown Module C/W Fascia
AVDC-FDNE	A/V Sign, Countdown Fascia, Fire Alarm, Do Not Enter
AVDC-FEA	A/V Sign, Countdown Fascia, Fire Alarm, Evacuate Area
AVDC-DNEGD	A/V Sign, Countdown Fascia, Do Not Enter, Gas Discharged
AVDC-FDC	A/V Sign, Countdown Fascia, Fire Door Closing
AVDC-WSFD	A/V Sign Countdown Fascia, Warning Sliding Fire Door
AVSCM	Countdown module for Audio Visual Sign
Note: Custom Fascias available on request	

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