

## Low Cost, Portable In-Vision Composite Video and Audio Level Monitoring Unit



### Features and Functions

- Composite input output version.
- Coloured bar graph displays of video and audio levels.
- Video: Signal present, peak, black, sync levels, overload and no signal.
- Audio: Signal present, overload and no signal.
- Displays may be Inserted or mixed with Input.
- Gamut alarm mode flashes respective trace on screen.
- On screen, LED and Audio alarm, Safe area generator.
- Internal PP3 or 12VDC powered.

**Specify NTSC or PAL standard on order**

Designed for the non-technical, the PLM1 displays NTSC or PAL Composite video and analog audio levels as coloured bar graphs, which are displayed on screen, mixed or left in the gamut mode. In the gamut mode they are off screen until levels are exceeded, when the appropriate bar graph flashes. Includes also signal loss, non sync., visual, audible alarms and safe area generator. Powered by a PP3 battery or via its 12Vdc adapter (included).

*This product contains proprietary patented designs.*

## TECHNICAL SPECIFICATION

### STANDARDS

PAL, NTSC and PAL-M supported, in composite or YC.

### INPUTS

1 Composite or YC with loop through. Zin = 22K ohm.  
4 Balanced audio XLR inputs. Zin = 22K ohm.

### OUTPUTS

1 Composite or YC Picture and bar graphs.

### FUNCTIONS

Power on/off.  
On/off for each display set.  
Gamut on/off for each display set.  
Alarm on/off for each display set.  
Mix on/off.  
Mix amplitude.  
Scale (graticule) amplitude.  
Safe area on/off.  
Automatic internal pulse generator with no video input.

### VIDEO

Luminance bar with black, white and +/-2% white graticules.  
Chrominance bar with 75%, 100% and +/-2% levels.

### AUDIO

PPM movements with related graticules (VU ballistics option).

### ACCURACY

+/-<math>\alpha\%</math> and +/-0.1db.

### POWER

Internal PP3 battery (life typ 4hrs alkaline).  
External 6V to 12V @ 120ma. Centre neg 2.1mm skt.

### PHYSICAL

**DIMENSIONS:** - 18 x 10 x 4 cm.

**WEIGHT:** - 425 grams (inc battery).

**WARRANTY:** - 1 Year.

Extendable free on registration: - To 2 Years  
By using the service area of our web site  
<http://www.hamlet.co.uk/serv.html>

## ORDERING INFORMATION

### PLM1 PROGRAMME LEVEL METER

Low cost video and audio monitoring unit with bar graph display where waveforms and vectorscopes are not required Suitable for use in broadcast environments, PAL or NTSC capable Composite Video and 4 audio monitoring channels.

### Options

PLM1 - GPI	GPI alarm outputs for video, audio, plus a no audio present sensor
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