

Chromatec

AM-I In-Picture Audio Meter



The Chromatec AM-I is an in-picture audio level meter for displaying two channels of audio in bargraph form.

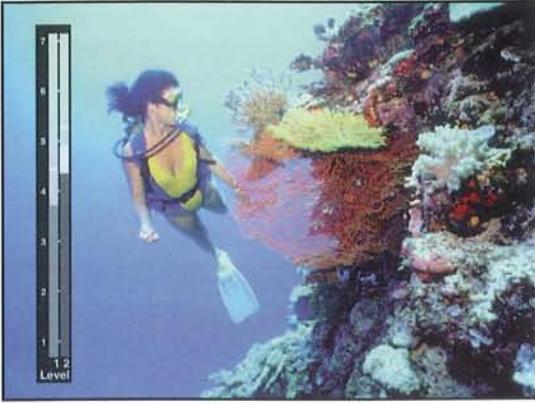
The AM-I is connected in-line with a standard composite video monitor. The superimposed monochrome bargraph may be displayed on the left or right side of the screen and may be shown full or half height, depending on the meter accuracy required or to minimise the area of picture occupied when used in the half-height mode.



The meter can be instantaneously switched on or off from the Insert On button. Fade buttons determine the level of the mix between the bargraph and the video picture thereby minimising obstruction of the picture in critical monitoring situations. Four standard meter scales and their corresponding ballistics may be selected from the Scale button. A peak hold cursor may be switched on and a choice of five decay times can be user selected. The decay time chosen is momentarily displayed at the top of the bargraph during switching.

A connector is fitted to the rear panel duplicating the front panel button contacts, allowing remote control of all functions. The AM-I is housed in a 1U rackmount case thereby occupying little space.

Full height, left side



Half height, left side



Full height, right side



Half height, right side



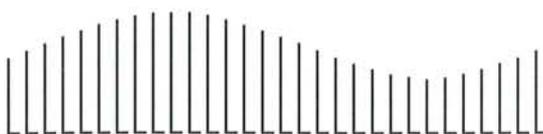
Main Features:

- ◇ Cost effective audio metering solution for any application involving audio and video.
- ◇ Four audio meters in one providing VU, DIN PPM, BBC PPM and Nordic PPM scales & ballistics.
- ◇ Bar position and size may be user selected according to requirements.
- ◇ Front panel insert on/off and fade controls allow adjustment of the mix level of the inserted information.
- ◇ User settings retained on power down.
- ◇ Peak hold cursor with on-screen indication of decay times selected.
- ◇ Two channel analog balanced inputs.
- ◇ Switchable input sensitivity from -10dB to +20dB.
- ◇ Provision for full or partial remote control facilities.
- ◇ Broadcast quality video path.
- ◇ PAL or NTSC operation, auto selected.

Specification

Analog audio inputs	Electronically balanced
Input impedance	25kΩ
Frequency response	20Hz - 20kHz ±0.5dB
Video input/output	75Ω composite
Video standard (auto selected)	.625 line PAL or 525 line NTSC
Meter characteristics & scales	BBC 1-7 + DIN type 1, +5 to -50dB Nordic +12 to -42dB + VU +3 to -20dB
External control	Female 15 pin "D" type connector
Power requirements	110/230VAC, 30W
Dimensions	482w x 330d x 45h
Weight	approx 4kg

Specifications subject to change without notice



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