

chromatec

AM-2 In-Picture Audio Meter



The Chromatec AM-2 is an in-picture and dedicated on-screen audio level meter for displaying two channels of analog or digital audio, in bargraph form.

Either signal format may be displayed depending on the options chosen. Level bars can be positioned on the left or the right side of the screen together with a phase bar which may be positioned at the top or bottom of the screen.

A range of standard meter scales and their corresponding ballistics may be selected.



A comprehensive on-screen menu may be displayed in order to select the parameters required and to set user defaults. Above each channel bar a latching red marker indicates when the audio signal reaches the top of the scale. When operating in the digital domain data related to the incoming signal is displayed in the menu.

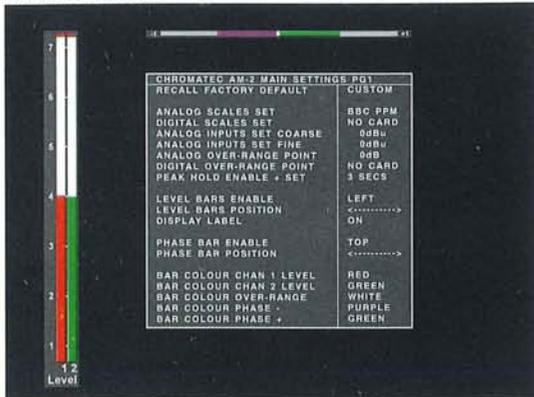
A connector is fitted to the rear panel duplicating the front panel button contacts, allowing remote control of all functions. The AM-2 is housed in a 1U rackmount case thereby occupying little space.

The meter is viewed on a dedicated video monitor using the AM-2's internal background generator or superimposed on an external composite video signal.

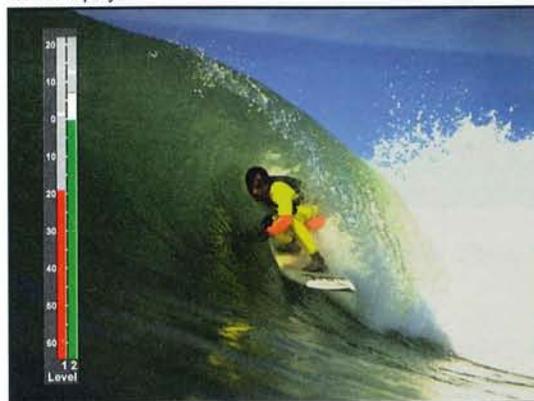
Level display with phase bar



On-screen menu



Level display



Level display with phase bar (reversed)



Main Features:

- ◇ Two audio channels. Level and phase bars may be displayed together or individually.
- ◇ Option of AES/EBU digital or analog inputs, depending on the input card fitted.
- ◇ Meter information may be displayed on an internally generated black background or superimposed on an incoming composite video signal.
- ◇ Front panel insert on/off and fade controls allow adjustment of the mix level of the inserted information.
- ◇ A lock function prevents inadvertent operation of secondary controls.
- ◇ A full function on-screen menu may be displayed to set user preferences and defaults.
- ◇ A wide range of analog scales and ballistics may be user selected plus two AES/EBU digital scales when a digital input card is fitted.
- ◇ All bar positions and colours may be user selected to suit individual requirements.
- ◇ AES/EBU status information is displayed in the menu when a digital card is fitted.
- ◇ Signal peak indicators together with peak store.
- ◇ Over scale indicators.
- ◇ Full or partial wired remote control facility.
- ◇ PAL or NTSC operation.

Specification

Analog audio inputs	Electronically balanced
Input impedance	25kΩ
Digital audio input	AES/EBU with buffered loop-through
Frequency response	20Hz - 20kHz ±0.5dB
Video input/output	75Ω composite
Video standard	.625 line PAL or 525 line NTSC
Meter characteristics & scales	BBC 1-7 + DIN type 1, +5 to -50dB Nordic +12 to -42dB + VU1, VU2 +3 to -20dB Extended VU +20 to -60dB + Digital 0 to -60dB + Extended Digital 0 to -80dB
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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