

CMDM Cross Modulation Distortion Meter by MWA Nova GmbH



Professional Film & Audio Products

Product sheet

The **CMDM** serves, as cross-modulation analyser for the fast and easy determining of the correct exposure of stereo sound tracks on negative or print film

- As compared with other systems the CMDM neither requires a reference (i.g.400 Hz) nor the appropriate level adjustment.
- The CMDM can be used for almost all existing cross modulation signals.
- It enables the simultaneous two channel measurement of a cross-modulation signal (f1/f2) within a frequency range of 4 kHz to 16 kHz at a difference frequency (f2-f1)

The CMDM measures the cross-modulation distortion with reference to the measured level of the cross-mode signal (similar to different tone measurement according to DIN 45 403 or IEC 468-3).

It displays in percent (%) distortion with a +(plus) sign indicating that the level is over exposed and a – (minus) sign indicating that the the negative is under exposed.

The unit is small, portable and can be easily connected via a combined XLR/Jack input connector.

Main Specifications

Input:	Electronically balanced, Imp. 10 kOhm Max. input level 6 Vpp, Min. input level 0.4 Vpp Combined XLR/1/4 Jack input connector
Frequency Range:	XM carrier 4 kHz to 16 kHz Difference frequency 70 Hz to 500 Hz.
Display:	Percent (%) 3 ½ digit plus sign (+-)
Power Supply:	Separate plug-in power supply 100-230VAC/ 6W
Size:	103mm x 42mm x 168mm
Weight:	approx. 0,5 Kg



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