

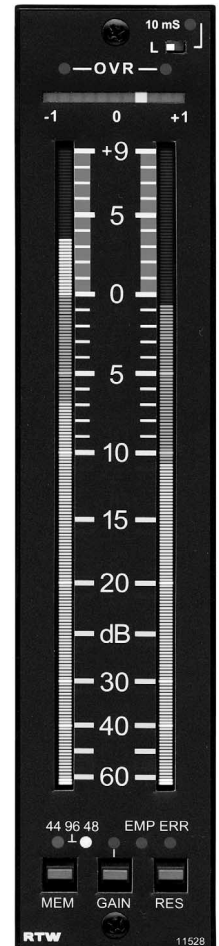
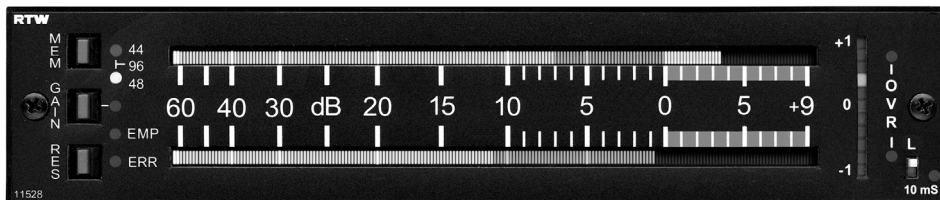
Product information

Panel mount peak program meter 11528G

11528G

Digital panel mount peak program meter for AES/EBU interfaces

- +9 dB scale designed specifically for use in radio and TV studios
- 9 dB headroom preset, conforming to EBU/ITU recommendations
- Twin display with “sample” and “10 ms” time weighting on every bar graph
- RTW loudness display selectable instead of the 10 ms time weighting
- Digital “over” display with adjustable sensitivity
- Integrated phase correlation display
- Sampling rates from 27 kHz to 96 kHz
- DC filter, can be disabled internally
- AES/EBU input, electronically balanced and actively buffered
- High-resolution, 201-segment gas plasma display
- 127 mm sandwich scale for alternative vertical or horizontal installation
- Standard broadcasting studio cassette with choice of screw or clip fastening
- Simple installation, comprehensive installation accessories



Twin display: sample precision and 10 ms

The 11528G digital peak program meter is designed from the ground up for use in radio and TV broadcasting applications. Although digital signals should ideally be monitored with sample precision peak level displays, measurements with a 10ms integration period are still frequently necessary in combined analog/digital systems. The 11528G displays both values on its bar graphs.

Clear 0-dB_{rel} reference point

In broadcasting applications the levels of digital systems are usually adjusted with a headroom of 9 dB. The +9 dB scale of the 11528G makes it easier for the user to monitor the maximum levels with a clearly-visible 0 dB_{rel} reference mark. The overload range is also clearly marked in red, in the same way as on conventional analog +5 dB scales.

Practical design features

Gas plasma displays are still ideal because of their high resolution, pleasant performance and good legibility. The +9 dB scale, the robust construction in a sturdy metal cassette, and the high-contrast, light-proof scale make the 11528G the ideal choice for all professional broadcasting requirements. RTW digital peak program meters are easy to install and can be adapted for all applications with the comprehensive installation accessories. The special sandwich scale, a speciality of RTW peak meters, makes it possible to install the unit either vertically or horizontally. Other useful highlights include the integrated phase correlation display, the “digital over” display with an adjustable response threshold, the selectable supplementary digital gain of 40 dB and the peak value memory.

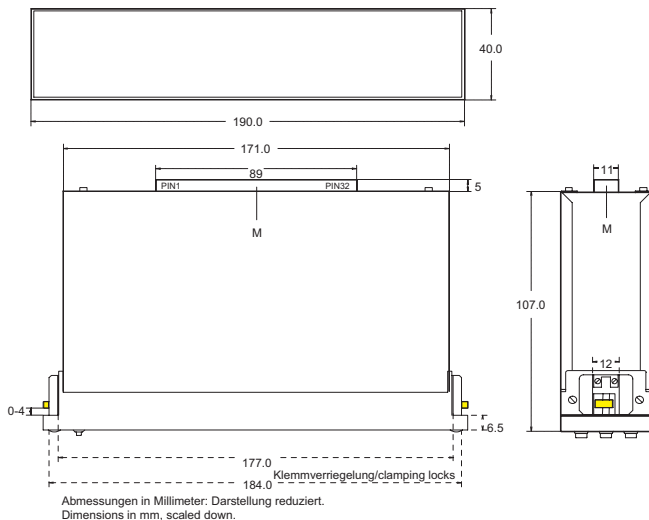
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Accessories (optional):

- 12993 19"/1U rack mount kit for one instrument 11528G
- 12994 19"/1U rack mount kit for two instruments 11528G
- 11280 Power pack and bracket with XLR connectors for mounting 11528G into 19"/1U rack mount kits
- 1125DIG 19"/5U rack frame for up to 11 instruments, with power supply and XLR connectors
- 10220 Instrument case with power supply, XLR connectors and mounting bracket
- 1018 Instrument case without power supply, rear panel with cable inlet
- 12996 Cover plate and mounting frame for mounting 11528G into tables or cover plates

Dimensions:



Specifications 11528G (excerpt)

• General

Supply voltage	21,5 - 30 V DC, nom 24 V DC
Current drain	0,2 A
Weight	700 g
Dimensions	190 x 40 x 107 mm (H x W x D)
Fastening	clamping locks/screws M3
Orientation	horizontal or vertical (sandwich scale)
Connector	DIN 41612A/C connector, 64-pin, male
Keys	Memo, Gain, Reset
Switches	Switcher for Loudness or Integration time 10 ms
Indicators (LED)	Sampling rate (44.1/48/96 kHz), Emphasis, Error, +40 dB, OVER
Remote control	key functions, other functions

• Peak meter

Inputs	AES/EBU, stereo, transformer balanced
Impedance	selectable: 110 Ω /high-Z
Output	AES/EBU, 110 Ω , input signal
Sampling rate	27 kHz to 96 kHz
Integration time	Sample or 10 ms
Fall back time	1,5 s for 20 dB, 2,5 s for 40 dB
Display range	-60 dB to +9 dB
Headroom	9 dB preset
Overload indicators (OVER)	2 LED's, threshold level selectable: FS, FS-1, FS-2, -0.1, -0.2, -0.5 dB, 1 dB bis -10 dB
Attack time (OVER)	1 to 15 samples
Word length OVER detector	selectable from 24 bit to 9 bit
DC filter	selectable, 5 Hz
Loudness meter	RTW curve, selectable
Scale length	127 mm
Display elements	201/channel
Display type	gas plasma display, neo orange

• Phase meter

Display range	-1 r to +1 r
Display type	11 LED's
Display color	red: -1 r to -0,2 r yellow: 0 r green: 0,2 to +1

• Items delivered

DIN connector (female), operating manual

Subject to technical changes without prior notice! Pi_11528G_E_PDF