

Peakmeter

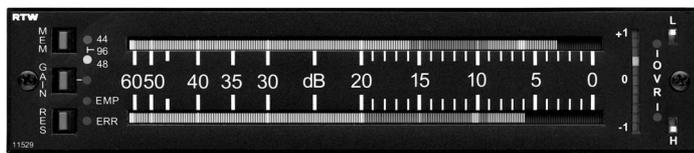
The level meter 11529G is a plug-in unit in a 190 x 40 x 107 mm case. It is featured by a two-channel plasma bargraph display.

Loudness display

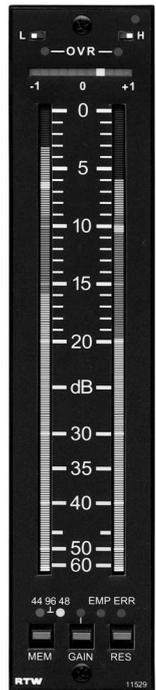
Additional to the peak level values the loudness values can be shown on the same display. Analogous to the physiological process which takes place in the human ear the both dominant signal parameters "frequency" and "impulse" are weighted and displayed.

Stereo Correlation display

The three-colour display gives a clear indication of the phase relationship of stereo signals.



Sandwich scale, horizontal und vertical



- Digital
- AES/EBU
- X-former bal.
- Sample 10 ms/1 ms
- Scale 127 mm
- Peak hold
- +40 dB/Memo

TECHNICAL SPECIFICATIONS

General

Supply voltage: +21,5 V to 30 V DC, nom. 24 V DC
 Current drain: max. 200 mA/24 V
 Weight: ca. 700 g (1.6 lbs) net
 Dimensions: 190 x 40 x 107 mm
 Operating temperature range: 0° to +45° Celsius
 Connector: 64 pin VG (DIN 41612 A/C)
 Fastening: Clamping locks and M3
 Controls:

- 40 dB gain of input sensitivity
- display of the stored peak values and minimum correlation
- memory reset
- switch for activating 'loudness' display
- switch for activating 'Peak hold' mode

 Indicators:

- LEDs for sample frequency
- LED for gain
- LED for pre-Emphasis
- LED for interface-Error
- Overload LEDs

 Presettings: four internal hex switches to preselect Overload range, Overload counts, word width, DIP switch for DC-filter and Standby-mode
 Signal in- and output: AES/EBU Digital format, x-former bal.
 Input impedance: 110 Ω or Hi-Z
 Output impedance: 110 Ω

Sampling frequency: 27 kHz to 96 kHz
 DC/HP-Filter: intern on/off switchable
 Cutoff frequency: 5 Hz
 Gain: 40 dB
 Overload display: 1 red LED per channel
 Response level of Overload LED: internal preselect via hex switch
 Fullscale, Fullscale-1, Fullscale-2, -0,1 dB, -0,2 dB, -0,5 dB, -1 dB, -2 dB, -3 dB, -4 dB, -5 dB, -6 dB, -7 dB, -8 dB, -9 dB, -10 dB
 Overload response word length: internal preselect via hex switch, 24 Bit to 9 Bit
 Overload repetition rate: internal preselect via hex switch
 Switching input: TTL level, 'active low'

Correlation display

Display: LED-Display
 Scale segments: -1r to +1r
 Colour of display: red -1r to -0,2r
 yellow 0r
 green +0,2r to +1r

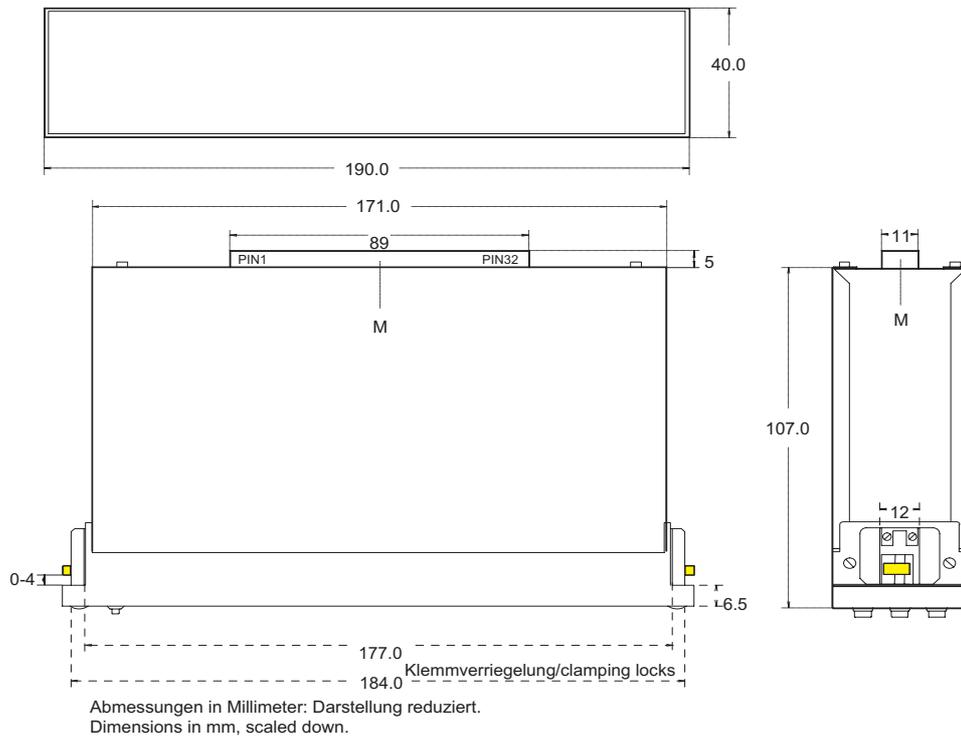
Items delivered

- Peakmeter 11529G:
- digital sandwich scale (0...-60 dB FS)
 - counter plug (DIN 41612A/C)
 - operating manual

Order number: 11529G

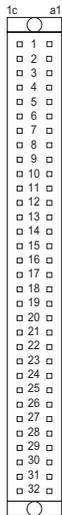
Peakmeter

Scale length: 127 mm
 Display segments: 201 segments/channel
 Colour of display: orange
 Scale range: -60 dB to 0 dB
 Scale marks superimposed: -10, -15, -20, -30, -40, -50 dB
 Headroom segments: intern selectable via BCD switch in 1dB steps for a range from -15 to -6dB
 Integration time: Sample, 10ms/1ms
 Fall back time: 1,5 s for 20 dB
 2,5 s for 40 dB



CONNECTION

The meter is connected up using a 64-pin connector (DIN 41612A/C).
The connector is wired up as follows:



- Pin 12a: external function selection: calibration scale
- Pin 13a: external function selection: gain
- Pin 13c: external function selection: PPM spot - peakhold on
- Pin 14a: external function selection: PPM spot - peakhold on
- Pin 14c: external function selection: PPM spot - peakhold off
- Pin 15a: external function selection: memory reset
- Pin 16a: external function selection: peakhold manual
- Pin 17a: external function selection: memory
- Pin 18a: external function selection: loudness
- Pin 18c: correlator mounting direction (horizontal/vertical)
- Pin 19ac: 0 V
- Pin 22a: case
- Pin 23a: AES/EBU in (+)
- Pin 24a: AES/EBU in (-)
- Pin 25a: 0 V
- Pin 26a: AES/EBU out (+)
- Pin 26c: 0 V
- Pin 27a: AES/EBU out (-)
- Pin 27c: control output, not used

- Pin 28a: control output, not used
- Pin 28c: control output ERR-flag
- Pin 29a: control output OVL-flag, both channels merged
- Pin 29c: control output mute flag, both channels merged
- Pin 30ac: - V (0 V)
- Pin 31ac: case
- Pin 32ac: + V

COLOURS

RAL 9011 Graphite black
RAL 7035 Light grey

ACCESSORIES

Subject to technical changes without prior notice 04/2004



- 19"-1 unit height mounting panel
Order no. 12993
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- 19"-1 unit height mounting panel
Order no. 12961
- Cover plate mounting frame
Order no. 12996
- Power pack and bracket
Order no. 11280
- Case including power supply
Order no. 10220
- Case without power supply
Order no. 1018
- 19"-5U sub rack with power supply
Order no. 1125DIG