

## GENERAL DESCRIPTION

### Peakmeter

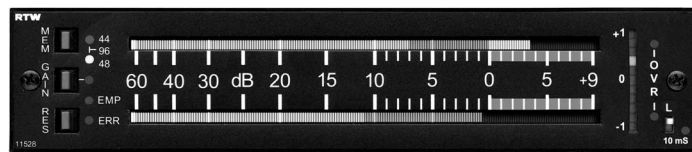
The level meter 11528G is a plug-in unit in a 190 x 40 x 107 mm case. It is featured by a two-channel plasma bargraph display.

### Loudness display

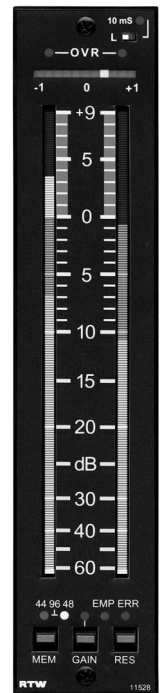
This peak meter features either a selectable 10 ms integrated (Q-DIN) or a loudness weighted display of the digital signal in addition to a non integrated (sample-precise) level reading. Analogous to the physiological process which takes place in the human ear the both dominant signal parameters "frequency" 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

Scale 127 mm

Loudness

+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: approx. 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' or 'Q-DIN' display

 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

### Peakmeter

Scale length: 127 mm  
 Display segments: 201 segments/channel  
 Colour of display: orange  
 Scale range: -60 dB to +9 dB  
 Scale marks superimposed: -5, -10, -20, -30, -40 dB  
 Headroom segments: intern selectable via BCD switch in 1dB steps for a range from -15 to -6dB  
 Integration time: Sample and 10 ms  
 Fall back time: 1,5 s for 20 dB  
 2,5 s for 40 dB

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

**Loudness/10 ms**  
 Display: superimposed bargraph overlaying the normal bright peak value display (sample)  
 3-section filter circuit per channel  
 True-RMS

Frequency weighting: 3-section filter circuit per channel  
 Detector: True-RMS

### Items delivered

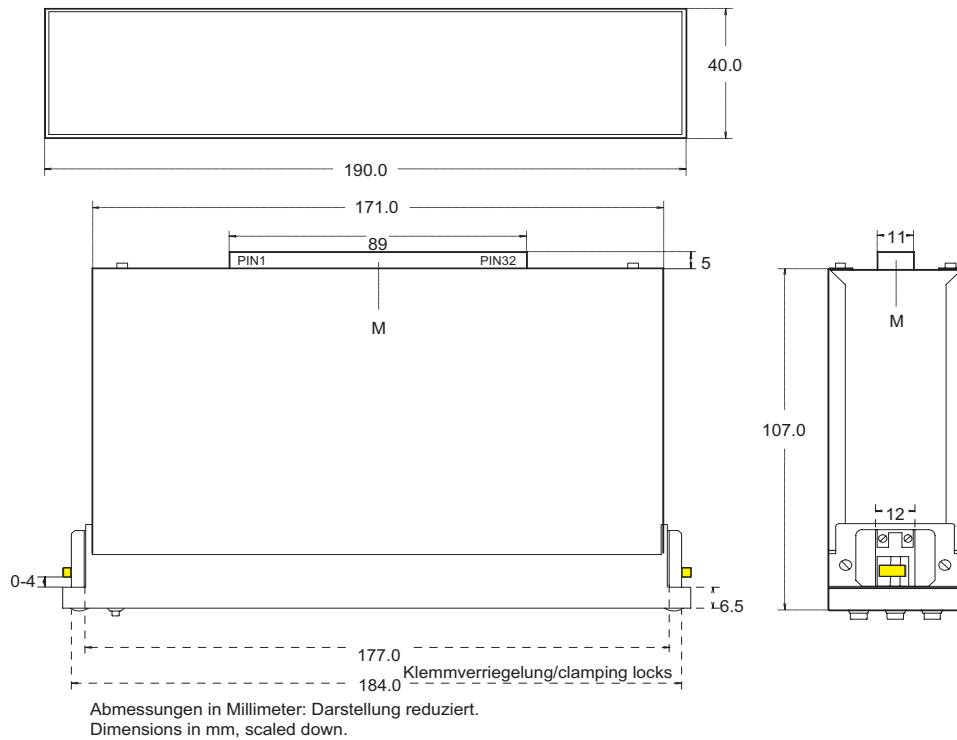
Peakmeter 11528G:
 

- digital sandwich scale (+9...-60 dB)
- counter plug (DIN 41612A/C)
- operating manual

Order number: 11528G

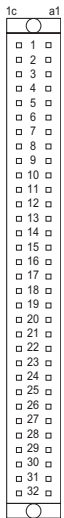
## DIMENSIONS

## TECHNICAL DATA PEAKMETER 11528G



## CONNECTION

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



Pin 13a: external function selection: gain  
Pin 15a: external function selection: memory reset  
Pin 16a: external function selection: peakhold manual  
Pin 17a: external function selection: memory  
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

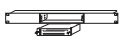
Pin 29a: control output OVL-flag, both channels merged  
Pin 29c: control output mute flag, both channels merged  
Pin 30ac: - V (0 V)  
Pin 31ac: case  
Pin 32ac: + V

## 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  
Orderno. 12993



19''-1 unit height  
mounting panel  
Orderno. 12994



19''-1 unit height  
mounting panel  
Orderno. 12961



Cover plate  
mounting frame  
Orderno. 12996



Power pack  
and bracket  
Orderno. 11280



Case including  
power supply  
Orderno. 10220



Case without  
power supply  
Orderno. 1018



19''-5U sub rack  
with power supply  
Orderno. 1125DIG