

## 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.

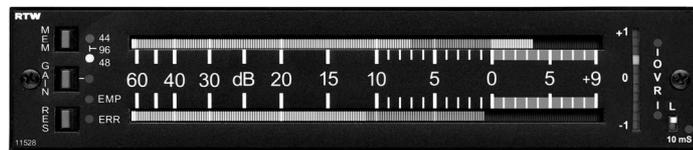
### Loudness display

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.

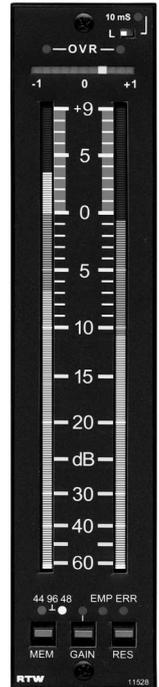
### Stereo Correlation display

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

## TECHNICAL DATA PEAKMETER 11528G



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

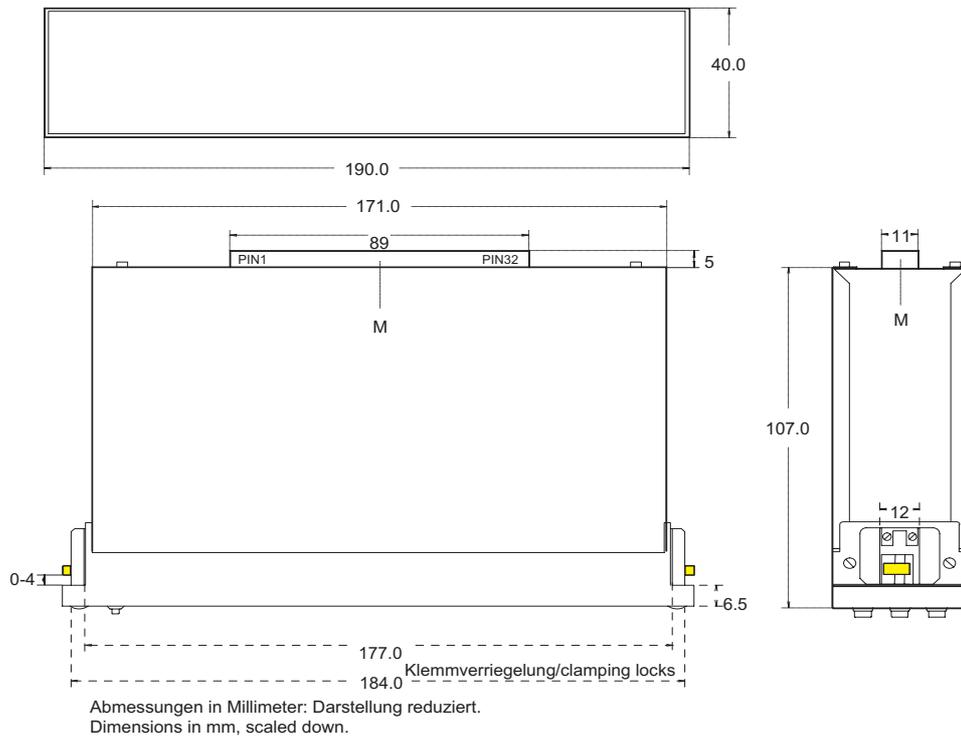
Peakmeter 11528G:
 

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

Order number: 11528G

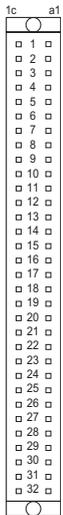
## DIMENSIONS

## 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

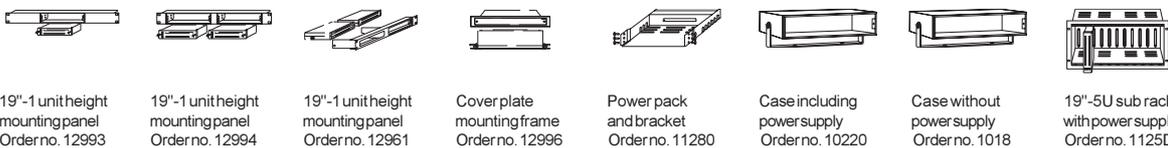
Pin 29a: control output OVL-flag, both channels merged  
Pin 29c: control output mute flag, both channels merged  
Pin 30ac: - V (0 V)  
Pin 31ac: case  
Pin 32ac: + V

## 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  
powersupply  
Orderno. 10220

Case without  
powersupply  
Orderno. 1018

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