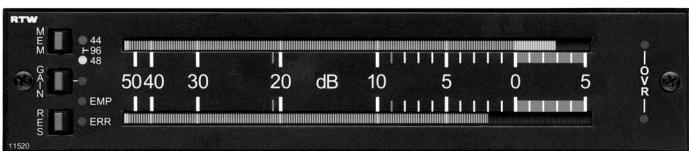


GENERAL DESCRIPTION

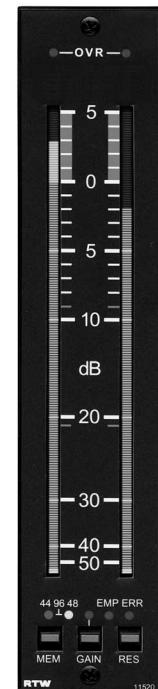
TECHNICAL DATA PEAKMETER 11520G-DIN

Peakmeter

The level meter 11520D-DIN is a plug-in unit in a 190 x 40 x 107 mm case. It is featured by a two-channel plasma bargraph display and a -50 dB to +5 dB DIN-scale.



NO LONGER
AVAILABLE



Sandwich scale, horizontal and vertical

Digital

AES/EBU

X-former bal.

DIN

Scale 127 mm

+20 dB/Memo

TECHNICAL SPECIFICATIONS

General

Supply voltage:	+21.5 V to 30 V DC, nom. 24 V DC
Current drain:	max. 160 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:	DIN 41612 A/C
Fastening:	Clamping locks and M3
Controls:	<ul style="list-style-type: none"> • 20 dB gain of input sensitivity • display of the stored peak values • memory reset • LEDs for Sample frequency • LED for Gain • LED for Pre-Emphasis • LED for Interface-Error • Overload LEDs
Indicators:	
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

Display standard:	according IRT 3/6 and DIN 45406
Sensitivity for 0 dB reading:	intern selectable via BCD switch in 1 dB steps for a range from -15 to -6 dB FS
Integration time:	10 ms
Fall back time:	1.5 s for 20 dB
	2.5 s for 40 dB
Scale range:	-50 dB to +5 dB
Scale marks superimposed:	-40, -30, -20, -10, -5 dB
Headroom:	0 dB to +5 dB
Scale length:	127 mm
Display segments:	201 segments/channel
Colour of display:	up to 0 dB orange, up to +5 dB red

Measuring accuracy:

±0.3 dB in the range of -10 dB to +5 dB
±1.0 dB in the range of -40 dB to -10 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

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,

Overload repetition rate:

24 Bit to 9 Bit

Switching input:

internal preselect via hex switch

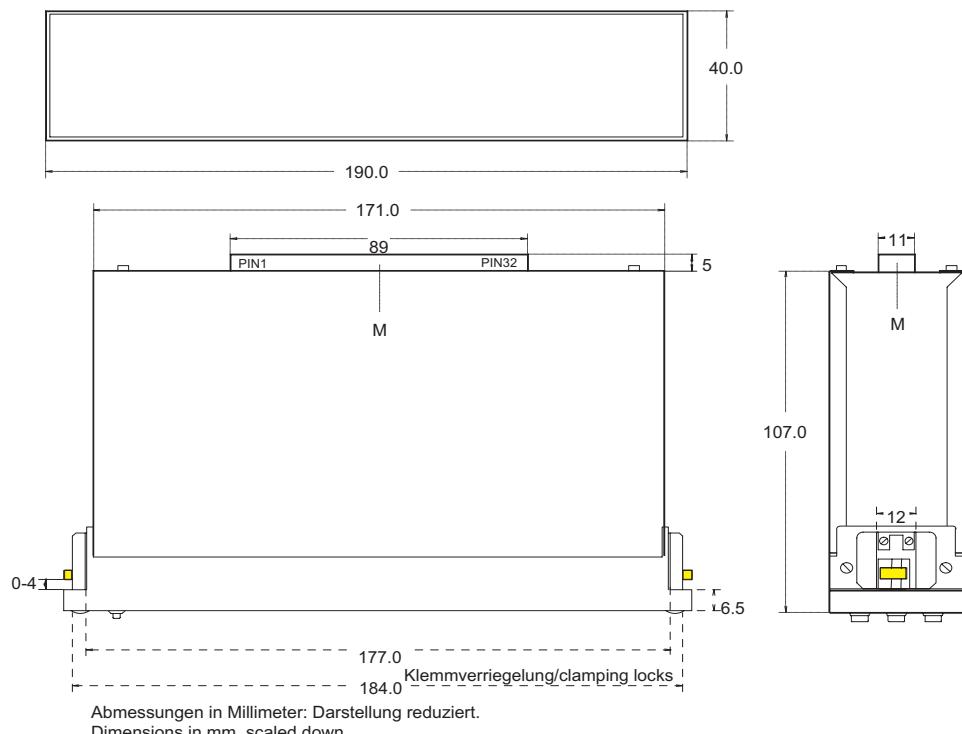
TTL level, 'active low'

Items delivered

Peakmeter 11520G-DIN:

- DIN sandwich scale
- counter plug (DIN 41612A/C)
- operating manual

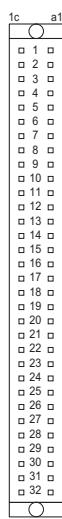
Order number: 11520G-DIN



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 15a: external function selection: memory reset
- pin 17a: external function selection: memory
- 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: not used
- pin 28a: 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

19"-1 unit height
mounting panel
Order no. 12994

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. 1018

Case without
power supply
Order no. 1018

19"-5U sub rack
with power supply
Order no. 1125DIG