

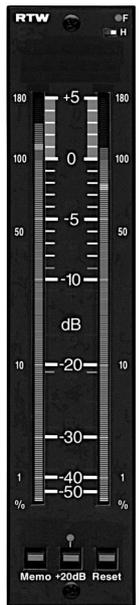
Data Sheet

Peakmeter 1117G

Description

Peakmeter

The level meter 1117G is a plug-in unit in a 190 x 40 x 107 mm case. It is featured by a two-channel plasma bargraph display.



Sandwich scale, horizontal and vertical

Analog • DIN • x-former bal. • 10 ms/1 ms • Scale 127 mm • Peak hold • +20 dB/Memo

TECHNICAL SPECIFICATIONS

General

Supply voltage:	+24 V DC \pm 10 %	or	
	\pm 15 V DC \pm 10 %		
Current drain:	max. 180 mA		
Weight:	approx. 750 g		
Dimensions:	190 x 40 x 107 mm		
Operating temperature range:	+5° to +45° Celsius		
Connector:	DIN 41612/C (32-pin male connector)		
Fastening:	M3 screws (see accessories)		
Controls:	<ul style="list-style-type: none">• 20 dB gain of input sensitivity• display of the stored peak values• memory reset• slide switch for activating 'peak hold' display		
Indicators:	<ul style="list-style-type: none">• Fast-LED (short integration time)• 20 dB-LED (gain of input sensitivity)		

Peakmeter

Measuring standard:	acc. IRT 3/6 and DIN 45406
Input sensitivity	
for 0 dB reading:	+6 dBu (1.55 V)
Max. input level:	+21 dBu
Adjustable range of input sensitivity:	0 dBu to +15 dBu
Inputs:	transformer balanced
Rejection factor:	> 60 dB
Input impedance:	> 10 k Ω (30 Hz to 20 kHz)
Integration time:	10 ms, 1 ms (0.1 ms optional)
Fall back time:	1.5 s for 20 dB 2.5 s for 40 dB
Scale range:	-50 dB to +5 dB
Scale marks:	-50, -40, -30, -20, -10, -5, dB
Calibration marks:	superimposed marks between -10 dB and +5 dB in steps of 1 dB (on/off switchable)

Headroom segments:	0 dB to +5 dB
Scale length:	127 mm
Display segments:	201 segments/channel
Colour of display segments:	to 0 dB orange, to +5 dB red
Measuring accuracy:	\pm 0.3 dB in the range of -10 dB to +5 dB \pm 1.0 dB in the range of -40 dB to -10 dB

Items delivered

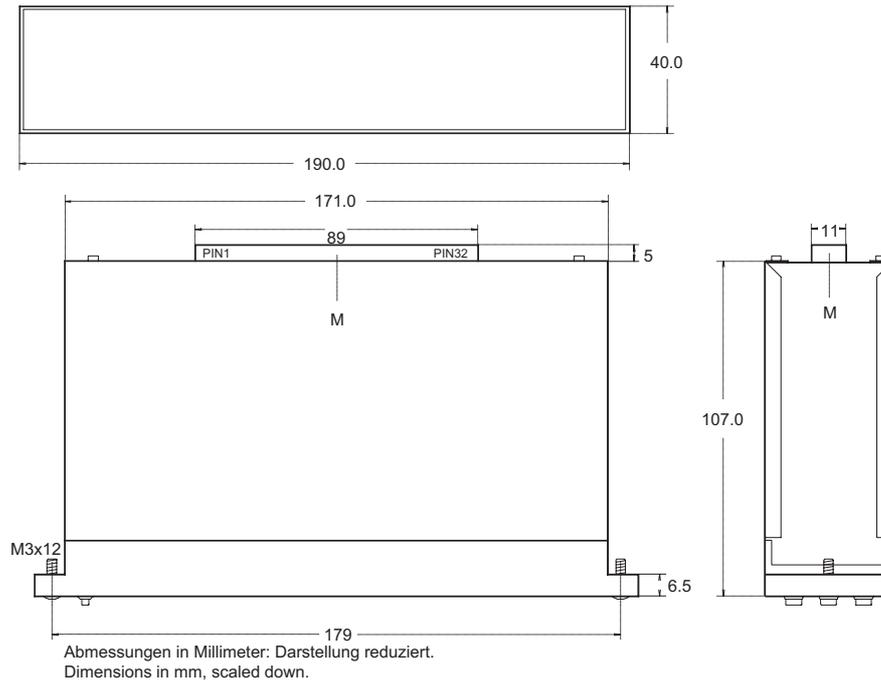
Peakmeter 1117G:	<ul style="list-style-type: none">• horizontal scale and vertical scale which is fitted underneath (sandwich)• counter plug (DIN 41612/C)• operating manual
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Order number: 1117G

Data Sheet

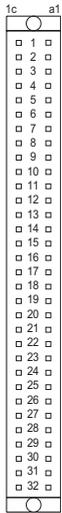
Peakmeter 1117G

DIMENSIONS



CONNECTION

The meter is connected up using a 32-pin female connector (counter plug, DIN 41612/C). This connector is wired as follows (view to the solder side of the counter plug):



- pin 1a: audio input (+), upper or left display column (CH I)
- pin 3a: audio input (-), upper or left display column (CH I)
- pin 5a: external control 10 ms - 1 ms
- pin 7a: audio input (+), lower or right display column (CH II)
- pin 9a: audio input (-), lower or right display column (CH II)
- pin 13a: external control +20 dB
- pin 14a: external control for activating peak hold mode
- pin 15a: external control memory reset
- pin 17a: external control memory display
- pin 19a: common ground for external controls
- pin 21a: external control for additional scale marks
- pin 22a: case
- pin 24a: -15 V for symmetrical power supply
- pin 26a: 0 V (center) for symmetrical power supply
- pin 28a: +15 V for symmetrical power supply
- pin 30a: 0 V for single power supply
- pin 32a: +24 V for single power supply

COLORS

RAL 9011 graphite black

ACCESSORIES

Subject to technical changes without prior notice 10/2006



19" - 1U mounting frame
Order no. 12991

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19" - 1U mounting frame
Order no. 12961

Cover plate mounting frame
Order no. 12996

Power pack and bracket
Order no. 1128H

Case including power supply
Order no. 1020E

Case without power supply
Order no. 1018

19"-5U sub rack with power supply
Order no. 1125-10

Clamping locks
Order no. 13973



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