

## GENERAL DESCRIPTION

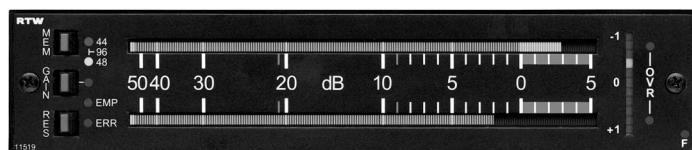
## TECHNICAL DATA PEAKMETER 11519G-DIN

### Peakmeter

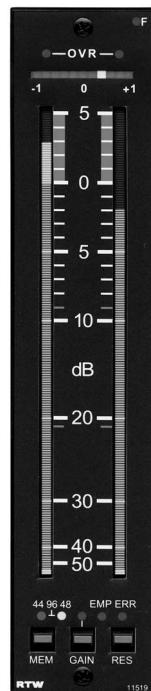
The level meter 11519G-DIN is a plug-in unit in a 190 x 40 x 107 mm case. It is featured by a two channel plasma bargraph display and a -50 dB to +5 dB DIN-scale.

### Stereo Correlation display

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



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. 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:	<ul style="list-style-type: none"> <li>• 20 dB gain of input sensitivity</li> <li>• display of the stored peak values and minimum correlation</li> <li>• memory reset</li> <li>• LEDs for sample frequency</li> <li>• LED for gain</li> <li>• LED for pre-Emphasis</li> <li>• LED for interface-Error</li> <li>• LED for FAST integration mode</li> <li>• Overload LEDs</li> </ul>
Indicators:	<ul style="list-style-type: none"> <li>four internal hex switches to preselect Overload range, Overload counts, word width, DIP switch for DC-filter and Standby-mode</li> </ul>
Presettings:	<ul style="list-style-type: none"> <li>Signal in- and output: AES/EBU Digital format, x-former bal.</li> <li>Input impedance: 110 Ω or Hi-Z</li> <li>Output impedance: 110 Ω</li> </ul>

### 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:  
Measuring accuracy:

up to 0 dB orange, up to +5 dB red  
±0.3 dB in the range of -10 dB to +5 dB

±1.0 dB in the range of -40 dB to -10 dB

27 kHz to 96 kHz

intern on/off switchable

5 Hz

40 dB

1 red LED per channel

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

internal preselect via hex switch,  
24 Bit to 9 Bit

internal preselect via hex switch  
TTL level, 'active low'

Overload response  
word length:  
Overload repetition rate:  
Switching input:

### Correlation display

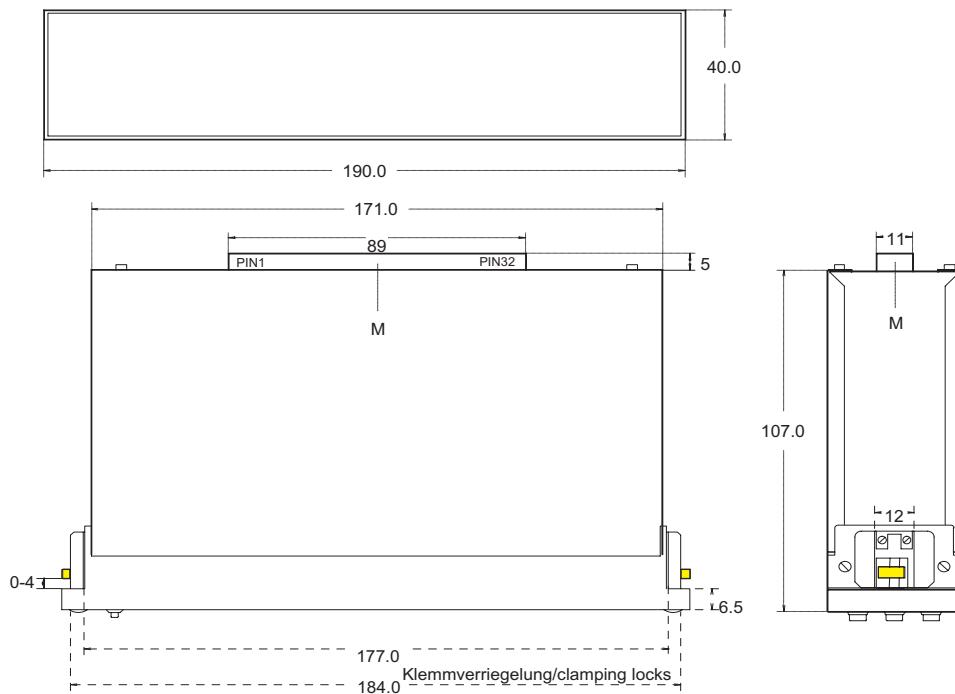
Display:	LED-Display
Scale segments:	-1r to + 1r
Colour of display:	red -1r to -0,2r yellow 0r green +0,2r to +1r

### Items delivered

Peakmeter 11519G-DIN:

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

Order number: 11519G-DIN

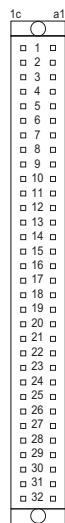


Abmessungen in Millimeter: Darstellung reduziert.  
Dimensions in mm, scaled down.

## CONNECTION

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

The connector is wired up as follows:



- Pin 11a: external integration time selection
- 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 18c: mounting direction (operation mode for correlator display)
- 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, n. u.
- Pin 28a: control output, n. u.
- 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

## ACCESSORIES

Subject to technical changes without prior notice 04/2004



19"-1 unitheight  
mounting panel  
Order no. 12993

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

19"-1 unit height  
mounting panel  
Order no. 12961

Coverplate  
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