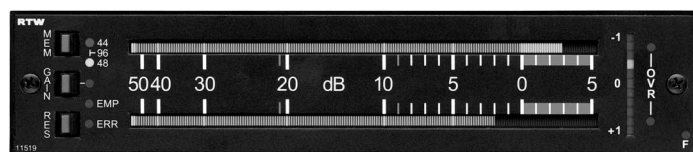


**Peakmeter**

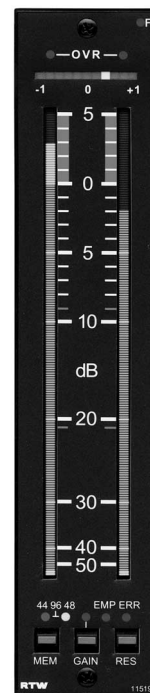
The level meter 11519G-DIN is a plug-in unit in a 190 x 40 x 107 mm case. It is featured by a two channel plasma bargraph display and a -50 dB to +5 dB DIN-scale.

**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> </ul>
Indicators:	<ul style="list-style-type: none"> <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>
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
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'

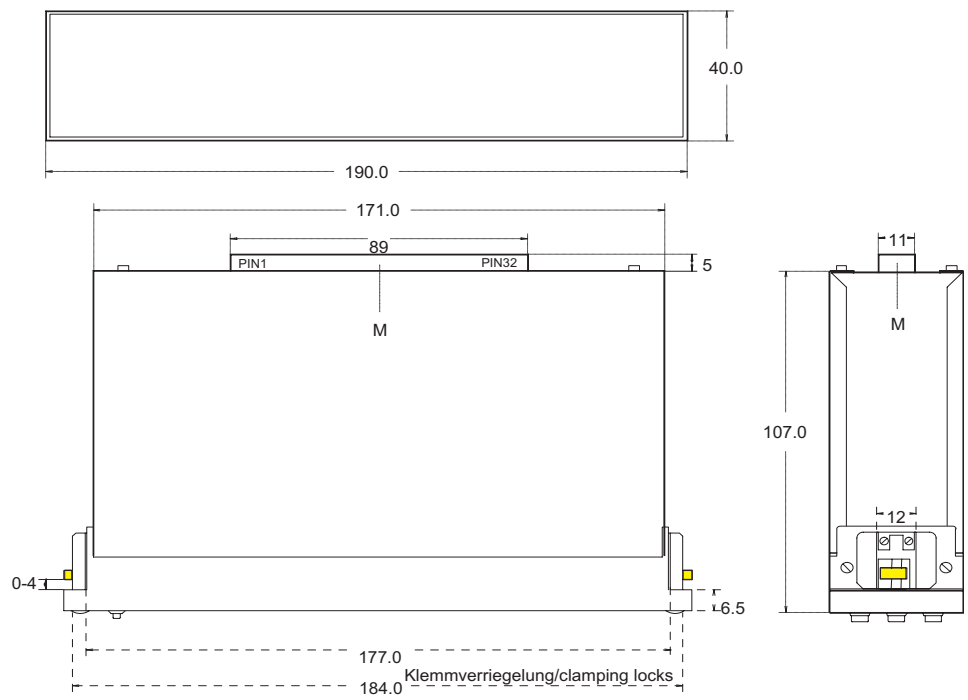
**Correlation display**

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

**Items delivered**

Peakmeter 11519G-DIN:	<ul style="list-style-type: none"> <li>• DIN sandwich scale</li> <li>• counter plug (DIN 41612A/C)</li> <li>• operating manual</li> </ul>
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**Order number: 11519G-DIN**



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

