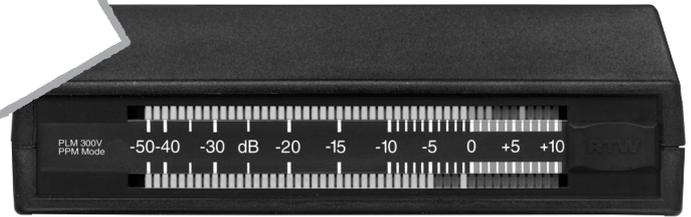


Peak Level Meter PLM 300DV/PLM 300DV-PLUS

Description

The program level meter PLM 300DV is an analog instrument, 207 x 41 x 141 mm dimensioned and designed for table-top use. It is featured by a two-channel LED display.



Sliding scale: DIN/VU horizontal

Analog • PPM/VU • Electr.-bal. • 10 ms/300 ms • Scale 127 mm • Peakhold

TECHNICAL SPECIFICATIONS

General

Supply voltage:	nom. 10 - 30 V/DC min. 10 V/470 mA max. 30 V/200 mA
Weight:	approx. 600 g
Dimensions:	207 x 41 x 141 mm
Ambient temperature:	+5° to +45° Celsius
Connectors:	2 XLR female connector 2 RCA connector
Controls:	sliding scale

Level meter

Measuring standard:	PPM acc. DIN 45406 VU similar ASA-C 16.5
Type of display:	LED-display
Scale length:	127 mm
Display segments:	51 segments/channel
Scale range	
PPM:	-50 dB to +10 dB
VU:	-20 dB to +3 dB
Headroom segments	
PPM:	0 dB to +10 dB
VU:	0 dB to +3 dB
Color of display	
PPM:	to 0 dB yellow, to +10 dB red
VU:	to 0 dB yellow, to +3 dB red
Integration time	
PPM:	10 ms
VU:	300 ms
Fall back time:	
PPM:	1.5 s for 20 dB 2.5 s for 40 dB
VU:	300 ms for 20 dB

Scale resolution	
PPM:	1 segment per dB in the range of -10 dB to +10 dB
VU:	3 segments per dB in the range of -7 dB to +3 dB ± 1 segment at scale marks
Lead:	VU mode +6 dB, variable via internal jumper to 9 dB

Inputs

XLR-female connector:	electronically balanced
Input sensitivity for 0 dB reading:	selectable via jumper: 0 dBu, 2 dBu, 4 dBu, 6 dBu
Max. input level:	+21 dBu
Rejection factor:	> 40 dB
Input impedance:	> 10 kΩ (30 Hz to 20 kHz)
RCA connector:	unbalanced
Input sensitivity for 0 dB reading:	selectable via jumper: 155 mV to 30 V (77.5 mV to 15 V if lead is activated)
Input impedance:	> 40 kΩ

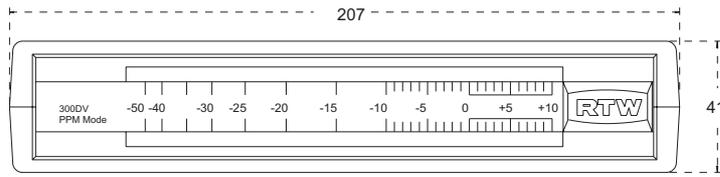
Items delivered

PLM 300DV:	<ul style="list-style-type: none"> voltage supply plug operating manual
	Order number: 300DV
PLM 300DV-PLUS:	<ul style="list-style-type: none"> same as PLM 300DV swivel mount strap and mains adapter
	Order number: 300DV-PLUS

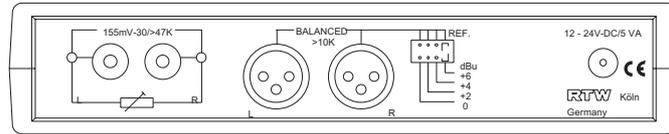
Data Sheet

Peak Level Meter PLM 300DV/PLM 300DV-PLUS

DIMENSIONS



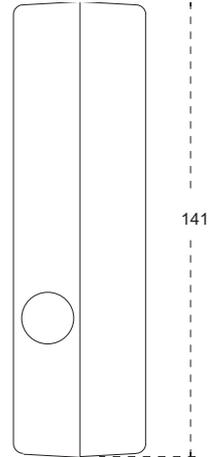
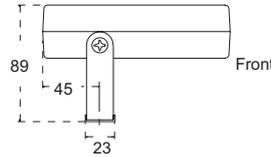
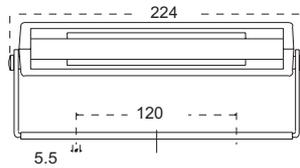
Frontansicht / front panel



Rückansicht / rear panel

Abmessungen in Millimeter: Darstellungsgröße reduziert
Dimensions in millimeter: Drawing size reduced.

Ausführung 300DV-PLUS: 300DV mit Schwenkbügel und Netzteil
300DV-PLUS version: 300DV with swivel mount strap and mains adapter.



CONNECTION

(View to mounted connectors)

Connectors

XLR connectors for L + R:

balanced use:

Pin 1 case
Pin 2 + (hot)
Pin 3 - (cold)

unbalanced use:

Pin 1 + 3 connected - (cold)
Pin 2 + (hot)

CINCH connectors for L + R: unbalanced inputs

Power supply

Power supply socket:

tip + pole
ring - pole

COLORS

RAL 9011 graphite black

ACCESSORIES



19" - 1U mounting frame
Order no. 12991
(300DV-PLUS only)



19" - 1U mounting frame
Order no. 12992
(300DV-PLUS only)



19" - 1U mounting frame
Order no. 12961
(300DV-PLUS only)



Mains adapter
Euro plug
Order no. 1198

Mains adapter
UK plug
Order no. 14549

Subject to technical changes without prior notice 10/2006



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