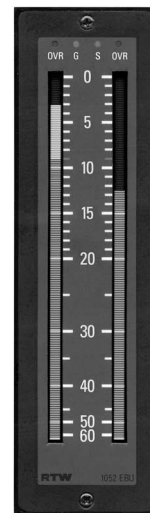
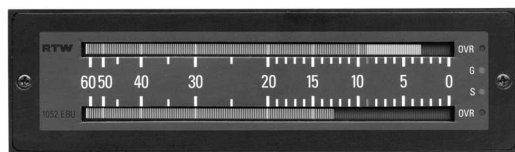


Peakmeter

The level meter 1052-40EBU is a 140 x 40 x 66 mm compact plug-in unit which displays digital signals acc. to the AES/EBU standard.

It is featured by a two-channel plasma bargraph display.



Sandwich scale, horizontal and vertical

Digital

AES/EBU

x-former bal.

Sample/10 ms

Scale 100 mm

Peakhold

+40 dB/Memo

TECHNICAL SPECIFICATIONS**General**

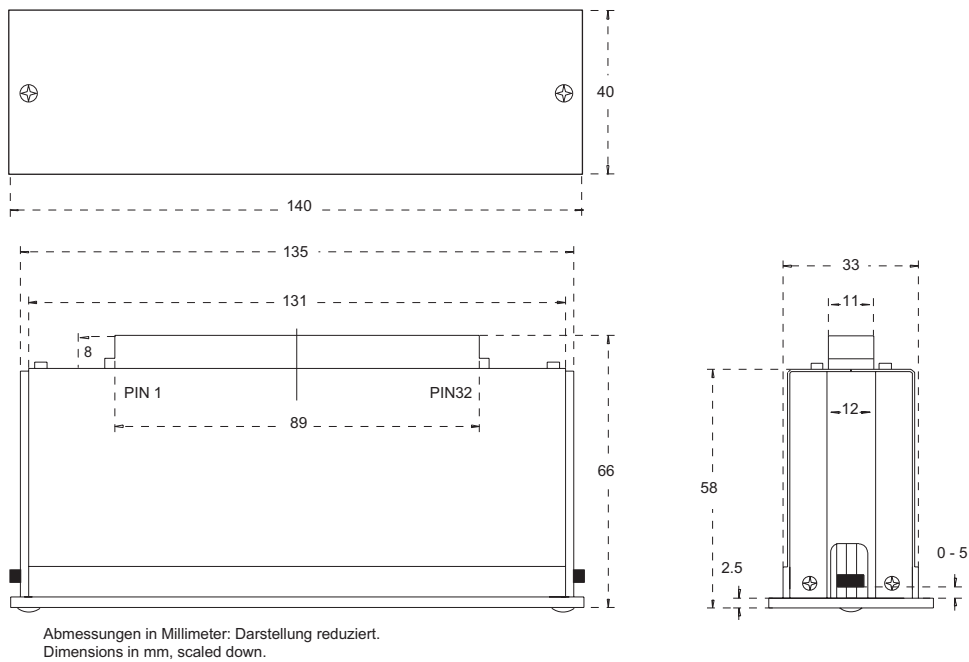
Supply voltage:	+21.5 to 30 V DC, nom. 24 V DC
Current drain:	max. 200 mA/24 V
Weight:	approx. 310 g
Dimensions:	140 x 40 x 66 mm
Operating temperature range:	+5° to +45° Celsius
Connector:	DIN 41612/C
Fastening:	clamping locks
Indicators:	<ul style="list-style-type: none"> • slow-LED (integration time) • gain-LED (gain of input sensitivity) • overload-LED
Controls:	3 BCD stepping switches on the back side for setting headroom range, overload word width and overload response characteristic
Signal input/output:	AES/EBU digital format, x-former bal.
Impedances:	approx. 10 kΩ; 110 Ω termination programmable (counter plug pins 4 & 5)
Scale length:	100 mm
Display segments:	201 segments/channel
Colour of display:	orange
Sampling frequency:	27 kHz to 55 kHz
Overload display:	1 red LED per channel
Overload detector range:	extern programmable Fullscale, Fullscale-1, Fullscale-2, -0,1 dB, -0,5 dB, -1 dB, -2 dB, -3 dB, -4 dB, -5 dB, -6 dB, -7 dB, -8 dB, -9 dB, -10 dB, intern programmable via BCD-stepping switches 24 Bit to 9 Bit
Overload word width:	
Overload response characteristic:	intern programmable via BCD-stepping switches, the repetition rate which triggers the overload display can be set on/off settable
DC/HP-Filter:	
Threshold frequency:	5 Hz
Switching inputs:	TTL level, 'active low'
Solo/Mute:	display of selected channels/ blank selected channel

Scale range:	-60 dB to 0 dB
Brighter scale marks:	-10, -15, -20, -40, -50 dB
Headroom range:	intern programmable via BCD-stepping switches in the range of -20 dB to -5 dB
Integration time:	sample
Fall back time:	1.5 s for 20 dB 2.5 s for 40 dB
Peak hold mode:	switchable, background bargraph
Peak hold time:	'auto' approx. 2.5 s or 'manual'

Items delivered

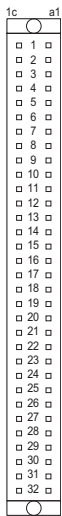
Peakmeter 1052-40EBU:	<ul style="list-style-type: none"> • sandwich scale (0 dB to -60 dB) • counter plug (DIN 41612/C) • operating manual
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Order number: 1052-40EBU



CONNECTION

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



- | | |
|---|---|
| pin 1a: AES/EBU in (+) | pin 20a: 'Memory' switching input |
| pin 2a: case | pin 21a: Integration time: 10 ms (slow mode) |
| pin 3a: AES/EBU in (-) | pin 22a: case |
| pin 4a: terminating resistor terminal | pin 23a: 'Indicator' CH I — see |
| pin 5a: terminating resistor terminal | pin 24a: 'Indicator' CH II — manual |
| pin 6a: case | pin 25a: 'OVR-1' — external control of overload |
| pin 7a: AES/EBU out (+) | pin 26a: 'OVR-2' — detector range |
| pin 8a: case | pin 27a: 'OVR-4' |
| pin 9a: AES/EBU out (-) | pin 28a: 'OVR-8' |
| pin 10a: HP/DC-filter OFF switching input | pin 29a: case |
| pin 11a: 'Solo' switching input CH I | pin 30a: - V |
| pin 12a: 'Solo' switching input CH II | pin 31a: case |
| pin 13a: 'Solo' common | pin 32a: + V |
| pin 14a: 'Solo' mute switching input | |
| pin 16a: 'Peak Hold Man' switching input | |
| pin 17a: 'Peak Hold On' switching input | |
| pin 18a: 'Gain' switching input | |
| pin 19a: 'Memory Reset' switching input | |

COLOURS

RAL 9011 Graphite black/7011 Iron grey

ACCESSORIES

Subject to technical changes without prior notice 04/2004

Meter bridge cabinet	Adapter frame	Adapter frame	19"-1 unit height mounting panel	19"-1 unit height mounting panel	Power pack and bracket
Orderno. 1075-280	Orderno. 13722	Orderno. 13729	Orderno. 13725	Orderno. 13726	Orderno. 1028D