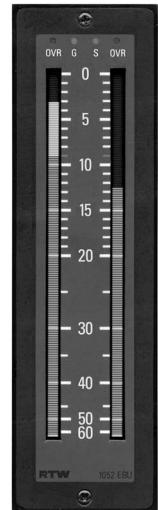
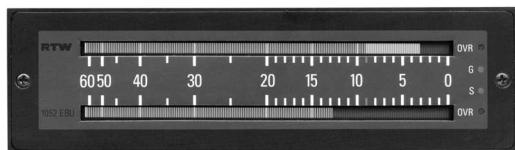


**Peakmeter**

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"> <li>• slow-LED (integration time)</li> <li>• gain-LED (gain of input sensitivity)</li> <li>• overload-LED</li> </ul>   |
| 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:              | intern programmable via BCD-stepping switches 24 Bit to 9 Bit   |
| 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:                     | 5 Hz  |
| Threshold frequency:              | TTL level, 'active low'   |
| Switching inputs:                 | display of selected channels/blank selected channel   |

Scale range:  
Brighter scale marks:

Headroom range:

-60 dB to 0 dB  
-10, -15, -20, -40, -50 dB

intern programmable via BCD-stepping switches in the range of -20 dB to -5 dB sample

Integration time:

1.5 s for 20 dB

Fall back time:

2.5 s for 40 dB

Peak hold mode:  
Peak hold time:

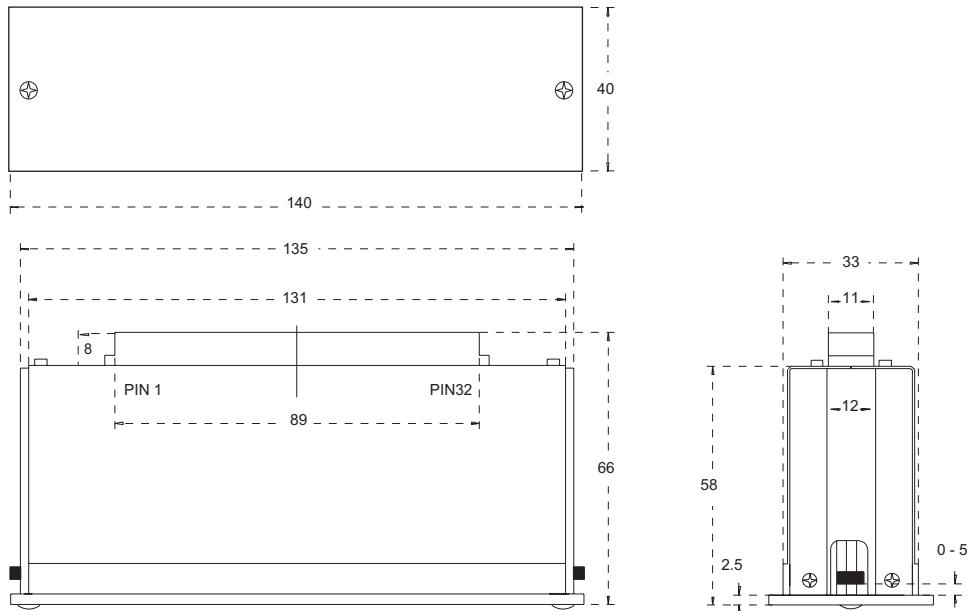
switchable, background bargraph  
'auto' approx. 2.5 s or 'manual'

**Items delivered**

Peakmeter 1052-40EBU:

- sandwich scale (0 dB to -60 dB)
- counter plug (DIN 41612/C)
- operating manual

**Order number: 1052-40EBU**

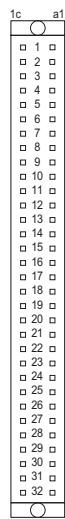


Abmessungen in Millimeter: Darstellung reduziert.  
Dimensions in mm, scaled down.

## CONNECTION

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

The connector is wired up as follows:



pin 1a: AES/EBU in (+)  
 pin 2a: case  
 pin 3a: AES/EBU in (-)  
 pin 4a: terminating resistor terminal  
 pin 5a: terminating resistor terminal  
 pin 6a: case  
 pin 7a: AES/EBU out (+)  
 pin 8a: case  
 pin 9a: AES/EBU out (-)  
 pin 10a: HP/DC-filter OFF switching input  
 pin 11a: 'Solo' switching input CH I  
 pin 12a: 'Solo' switching input CH II  
 pin 13a: 'Solo' common  
 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

pin 20a: 'Memory' switching input  
 pin 21a: Integration time: 10 ms (slow mode)  
 pin 22a: case  
 pin 23a: 'Indicator' CH I — see  
 pin 24a: 'Indicator' CH II — manual  
 pin 25a: 'OVR-1'  
 pin 26a: 'OVR-2' — external control of overload  
 pin 27a: 'OVR-4' — detector range  
 pin 28a: 'OVR-8'  
 pin 29a: case  
 pin 30a: - V  
 pin 31a: case  
 pin 32a: + V

## COLOURS

RAL 9011 Graphite black/7011 Iron grey

## ACCESSORIES

Subject to technical changes without prior notice 04/2004



Meter bridge cabinet  
Order no. 1075-280



Adapter frame  
Order no. 13722



Adapter frame  
Order no. 13729



19"-1 unit height  
mounting panel  
Order no. 13725



19"-1 unit height  
mounting panel  
Order no. 13726



Power pack and  
bracket  
Order no. 1028D