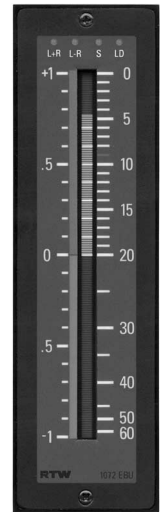
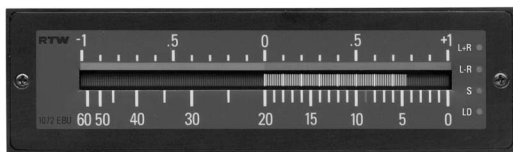


Correlator

The stereo correlation meter 1072-40EBU is a 140 x 40 x 66 mm compact plug-in unit which displays digital signals. It can also operate as a digital mono peak program meter or loudness meter and is featured by a high resolution bargraph display.



Scale, horizontal and vertical

- Digital
- MONO PPM
- AES/EBU
- 1 s / 2.5 s
- Scale 100 mm
- Peakhold
- +40 dB/Memo

TECHNICAL SPECIFICATIONS

General

Supply voltage:	21.5 V to 30 V DC nom. 24 V DC
Current drain:	max. 200 mA
Weight:	approx. 320 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) • loudness-LED • L+R-LED (sum signal) • L-R-LED (difference signal)
Controls:	BCD stepping switch on the back side for setting the headroom range
Signal input/output:	AES/EBU digital format, x-former bal.
Impedances:	approx. 10 kΩ; 110 Ω termination
Scale length:	100 mm
Display segments:	201 segments/channel
Colour of display:	orange
Sampling frequency:	27 kHz to 55 kHz
DC/LP-filter:	on/off
Threshold frequency:	5 Hz
Switching inputs:	TTL level, 'active low'

Operating mode correlator

Scale marks:	+1 r to -1 r in steps of 0.1
Brighter scale marks:	every 0.1 r - mark
Display without signals:	3 display segments (+1 r, 0 r, -1 r)
Integration time/ fall back time (switchable):	'Fast' = 1 s 'Slow' = 2.5 s
Display mode:	Spot: 3 segments Bar: bargraph from 0 r to +1 r or 0 r to -1 r
Memory:	minimum correlation
Memory accuracy:	±1 segment

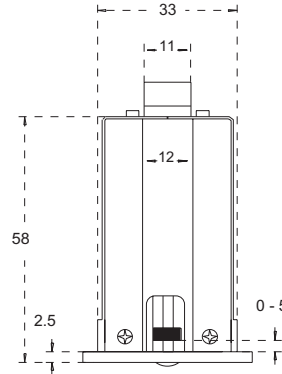
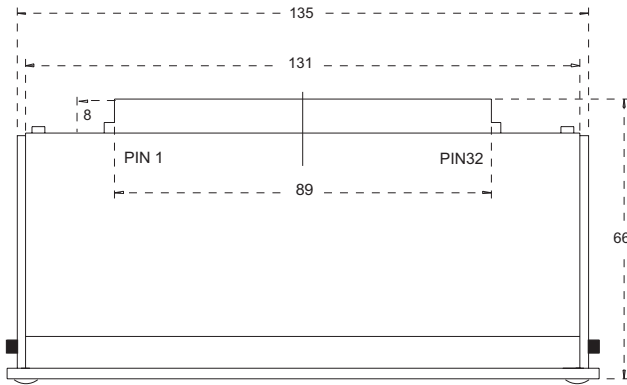
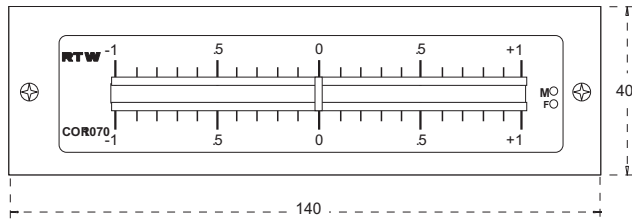
Operating mode peakmeter

Scale marks:	0 dB to -60 dB
Brighter scale marks:	-10, -15, -20, -30, -40, -50 dB
Display without signal:	2 display segments
Gain:	40 dB switchable
Headroom segments:	programmable, in steps of 1 dB, in the range of -20 dB to -5 dB
Measuring standard:	switchable between sample or PPM acc. PH-3/6

Items delivered

- | | |
|------------------------|--|
| Correlator 1072-40EBU: | <ul style="list-style-type: none"> • scale (0 dB to -60 dB) • counter plug (DIN 41612/C) • operating manual |
|------------------------|--|

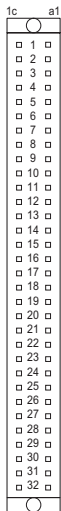
Order number: 1072-40EBU



Abmessungen in Millimeter: Darstellung reduziert. Tasten, LED's und Skalen variieren je nach Gerätetyp
 Dimensions in mm. Size reduced. Controls and scales vary depending on type.

CONNECTION

The meter is connected up using a 32-pin female connector (DIN 41612/C).
 The connector is wired 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 12a: 'Spot-Bar'-switching input (correlator operating mode only)
- pin 16a: 'Peak-Hold-Man'-switching input (peakmeter operating mode only)
- pin 17a: 'Peak-Hold-On'-switching input (peakmeter operating mode only)
- pin 18a: 'Gain'-switching input (peakmeter operating mode only)
- pin 19a: 'Memory-Reset'-switching input
- pin 20a: 'Memory'-switching input
- pin 21a: 'Slow'-switching input (correlator operating mode only)
- pin 22a: case
- pin 23a: 'Peak-Hold-Mode'-switching input (peakmeter operating mode only)
- pin 26a: operating mode 'PPM Loudness L+R'
- pin 27a: operating mode 'PPM L-R'
- pin 28a: operating mode 'PPM L+R'
- pin 29a: case
- pin 30a: - V
- pin 31a: case
- pin 32a: + V

COLOURS

RAL 9011/7011 Graphite black/Iron grey

ACCESSORIES

Subject to technical changes without prior notice 04/2004



Meter bridge cabinet

Orderno. 1075-280



Adapter frame

Orderno. 13722



Adapter frame

Orderno. 13729



19"-1 unit height mounting panel
 Orderno. 13725



19"-1 unit height mounting panel
 Orderno. 13726



Powerpack and bracket
 Orderno. 1028D