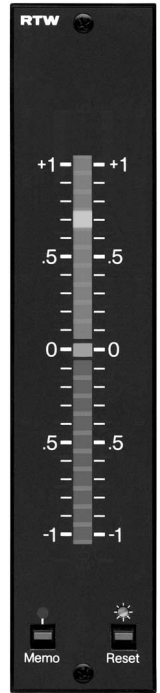
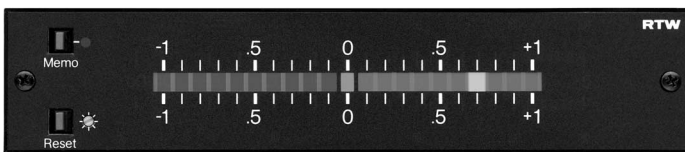


Correlator

The stereo correlation meter 1170CR is a 190 x 40 x 107 mm plug-in unit. The three-colour display gives a clear indication of the phase relationship of stereo signals. It is featured by a LED display.



NO LONGER AVAILABLE



Scale: horizontal or vertical

- Analog
-
- X-former bal.
- 1 s
- Scale 105 mm
-
- Memo

TECHNICAL SPECIFICATIONS

General

Supply voltage: +24 V DC ± 10 %
 Current drain: max. 50 mA
 Weight: approx. 550 g
 Dimensions: 190 x 40 x 107 mm
 Operating temperature range: +5° to +45° Celsius
 Connector: Tuchel T2700
 Fastening: clamping locks
 Controls:

- minimum correlation
- memory reset
- potentiometer for intensity adjustment
- memory-LED

 Indicators:

Stereo correlation display

Scale range: -1 r to +1 r
 Scale length: 105 mm
 Display segments: 21-segment LED display
 Colour of display:

- red -1 r to -0.1 r
- yellow 0 r
- green +0.1 r to +1 r

Accuracy

20 Hz to 20 kHz: ±0.1 r in the range of -20 dB to +22 dB
 200 Hz to 15 kHz: ±0.1 r in the range of -36 dB to +22 dB
 Integration time: 1 s
 Fall back time: 1 s
 Inputs: transformer balanced
 Max. input level: +22 dBu
 Min. input level: -20 dBu
 Rejection factor: > 60 dB
 Input impedance: > 10 kΩ (20 Hz to 20 kHz)

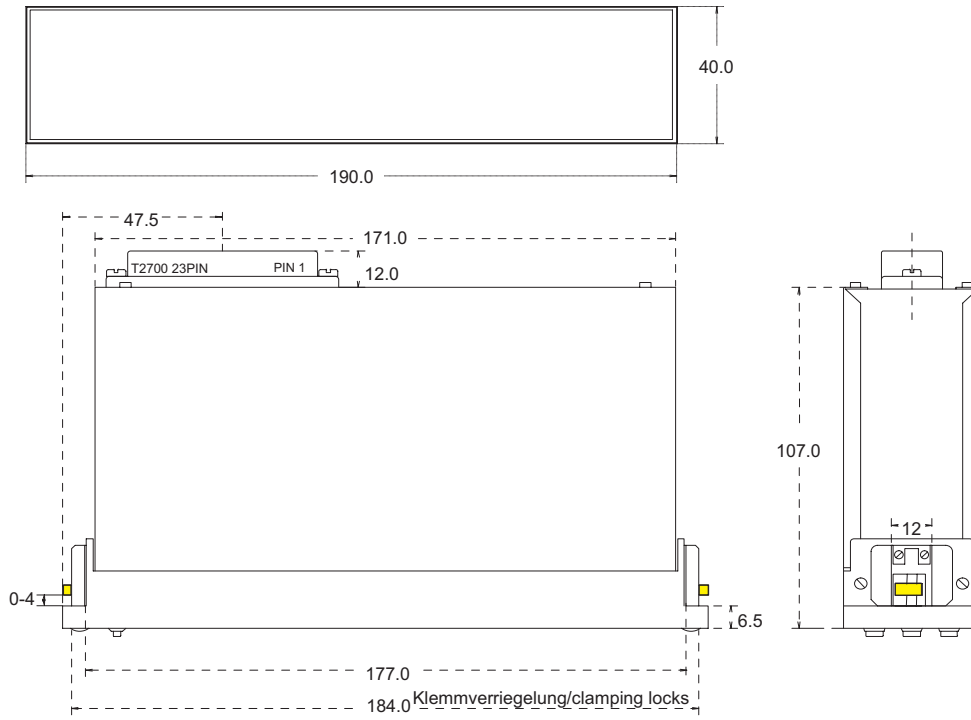
Items delivered

- Correlator 1170CR:
- horizontal scale
 - alternative vertical scale
 - counter plug (T2701)
 - operating manual

Order number: 1170CR

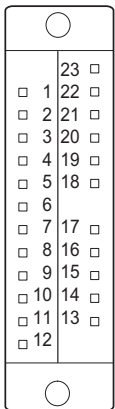
DIMENSIONS

CORRELATOR 1170CR



CONNECTION

The correlator is connected up using a 23-pin female connector (Tuchel T2700).
The connector is wired as follows:



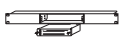
- pin 7: external control memory reset
- pin 8: external control memory display
- pin 9: common ground for external controls
- pin 10: audio input (+), CH II
- pin 11: audio input (-), CH I
- pin 12: 0 V
- pin 13: case
- pin 14: audio input (+), CH II
- pin 15: audio input (-), CH I
- pin 23: +24 V

COLOURS

RAL 9011 Graphite black

ACCESSORIES

Subject to technical changes without prior notice 04/2004



19"-1 unit height
mounting panel
Orderno. 12993



19"-1 unit height
mounting panel
Orderno. 12994



19"-1 unit height
mounting panel
Orderno. 12961



Cover plate
mounting frame
Orderno. 12996



Powerpack and
bracket
Orderno. 1128HR



Case including
power supply
Orderno. 1020ER



Case without
power supply
Orderno. 1018