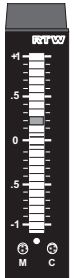
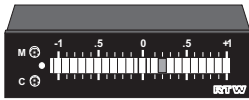


Correlator

The stereo correlation meter 1160C is a 77 x 20 x 106 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.



Scale, horizontal or vertical

Analog
X-former bal.
1 s
Scale 55 mm
Memo

TECHNICAL SPECIFICATIONS

General

Supply voltage: +24 V DC ±10 %
 Current drain: max. 90 mA
 Weight: approx. 200 g
 Dimensions: 77 x 20 x 106 mm
 Operating temperature range: +5° to +45° Celsius
 Connector: DIN 41617
 Fastening: M3 screws
 Controls:
 • minimum correlation
 • memory reset
 Indicators:
 • memory-LED

Stereo correlation display

Scale range: -1 r to +1 r
 Scale length: 55 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

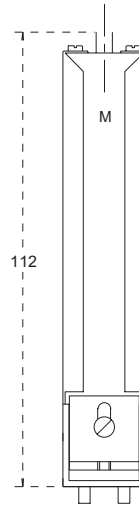
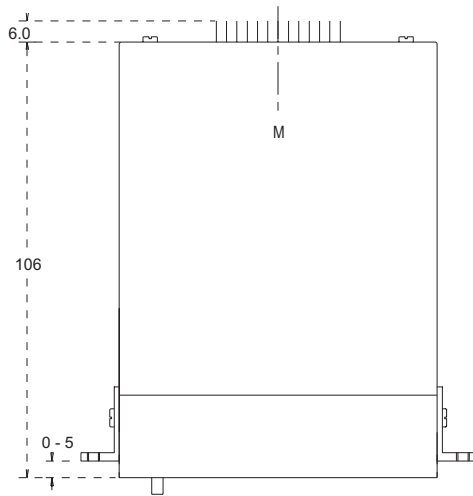
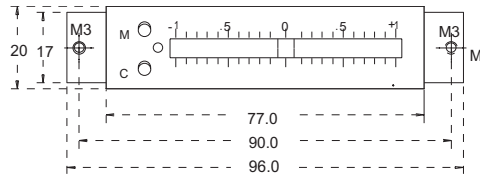
20 Hz to 20 kHz: ±0.1 r in the range of -20 dB to +22 dB
 200 Hz to 15 kHz: ±0.1 r in the range of -36 dB to +22 dB
 Integration time: 1 s
 Fall back time: 1 s
 Inputs: transformer balanced
 Max. input level: +22 dBu
 Min. input level: -20 dBu
 Rejection factor: > 60 dB
 Input impedance: > 10 kΩ (20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

Items delivered

Correlator 1160C:
 • horizontal or vertical scale
 • counter plug (DIN 41617)
 • operating manual
Order number: 1160C

DIMENSIONS

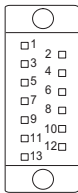
CORRELATOR 1160C



Abmessungen in Millimeter: Darstellung reduziert
Dimensions in mm: Size reduced

CONNECTION

The correlator is connected up using a 13-pin connector (DIN 41617).
The connector is wired as follows:



- pin 1: 0 V
- pin 2: +24 V
- pin 3: external control memory reset
- pin 4: common ground for external controls
- pin 5: external memory display
- pin 6: n. u.
- pin 7: case
- pin 8: external capacitor for changing integration time
- pin 9: external capacitor for changing integration time
- pin 10: audio input (+), CH I
- pin 11: audio input (-), CH I
- pin 12: audio input (+), CH II
- pin 13: audio input (-), CH II

COLOURS

RAL 9011 Graphite black

ACCESSORIES

Subject to technical changes without prior notice 04/2004