

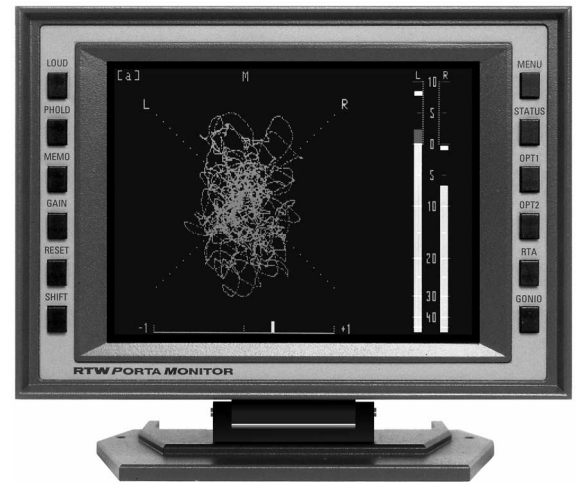
GENERAL DESCRIPTION

The 2-channel PortaMonitor 1062 is a table-top unit in a 176.5 x 125.5 x 62.5 mm case. It contains five instruments:

Audio vectorscope/goniometer	plus
Correlation display	plus
Peakmeter	plus
AES/EBU Status display	plus
Real Time Analyzer	

PPM-Mode and colour settings are selectable via menu. The RTW PortaMonitor 1062 features balanced analog inputs as well as an alternative AES/EBU digital input.

TECHNICAL DATA PORTAMONITOR 1062



Analog
Digital

Goniometer

Correlator
Loudness

Peakmeter

2-channel

Status

RTA

TECHNICAL SPECIFICATIONS

General

Supply voltage: +24 V/570 mA
 Dimensions: 176.5 x 125.5 x 62.5 mm
 Weight: approx. 1100 g
 Connector: 3 x XLR-f,
 1 x DC-power supply socket

Operating

temperature range: 0° to +45° Celsius

Display:

- active colour matrix-LCD
- viewing direction 6 o'clock
- active display area: 111 x 83 mm
- contrast ratio: > 85 at optimal viewing angle
- viewing angle: hor. ±45°; ver. +10/-34°

Colour of display: selectable via menu

Inputs: selectable via menu

- analog: sym. > 10 kΩ
- digital: AES/EBU; x-former bal., 110 Ω
 32 kHz; 44.1 kHz; 48 kHz

Standby-mode:

- cut of backlight
- 10 min; 60 min; inactive

Peakmeter

Display modes: 2ch, 2ch + S + D
 Input mode: Digital or analog
 Scales:

- DIN-5, DIN-10, NORDIC, BRITISH IIa or IIb, VU, 0 to -60 dB FS, 0 to -20 dB FS, Zoom 20
- Norm; 1 ms; 0.1 ms; sample

Integration time:

Operation mode

analog:

- +20 dB-Gain for DIN, VU
- +40 dB-Gain for NORDIC, BRITISH
- headroom -5 dB to -20 dB, in 1 dB-steps
- overload display; wordlength and number of samples adjustable
- operation field adjustable 0 - 15 dB
- +40 dB-gain
- DC/HP-filter 5 Hz, 10 Hz, 20 Hz, OFF

digital:

Peakhold:

display of peaks

Peakhold time:

'auto' approx. 2.5 s, 4 s and 'manual'

Loudness

selectable, spot, display in goniometer mode only

Numerical level display

display in goniometer mode only
 permanent or on request

Correlator

Mode: spot
 Attack/Release time: 1.0 s or 2.5 s

Audio vectorscope/goniometer

Display area: 75 x 75 mm
 AGC: Auto:

- attack 1 ms
- release 1 s/10 dB or 2 s/10 dB

 Fix:

- gain selectable in steps of 5 up to 35 dB

 Calibration mode:

- Dual AGC
- graduated scale 90°, 20°

Real Time Analyzer and Peakmeter

Input: depending on goniometer settings
 Number of frequency bands: 30
 Filter curve: acc. IEC 225 (CLASS II)
 Display range: 15 dB, 30 dB, 45 dB
 Ballistics: peak, average
 Longtime memory (freeze): 8
 Peakhold: display of peaks

AES/EBU-Status-Monitor

Status bytes: selectable channel 1 or 2

- hexadecimal, plaintext, binary
- Audio-signal-evaluation

Items delivered

PortaMonitor 1062:

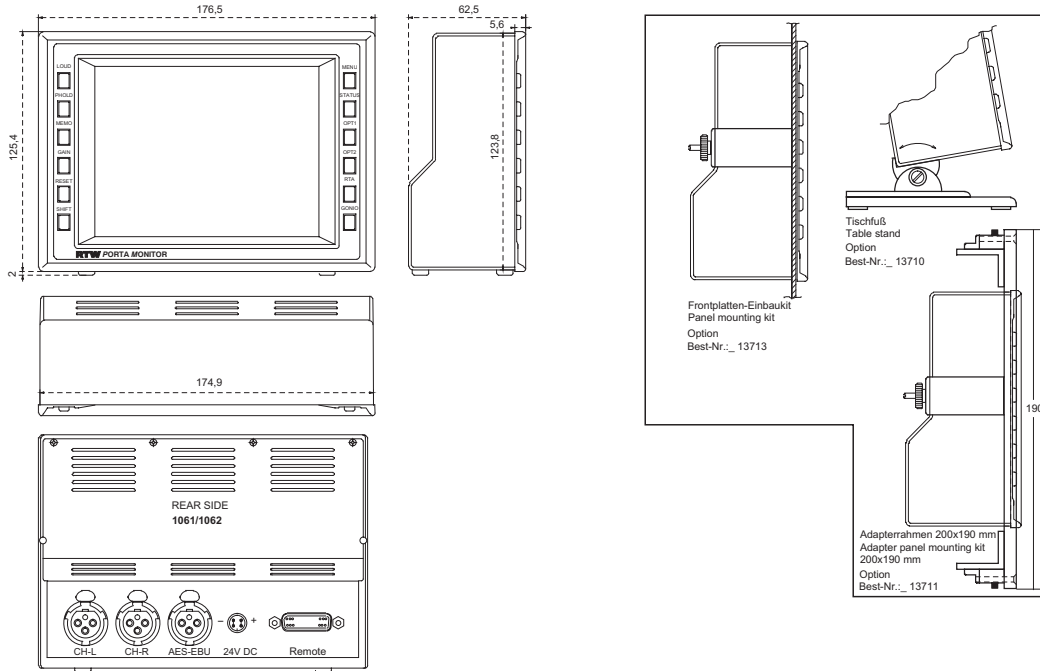
- operating manual

Order number: 1062

PortaMonitor 1062-PLUS:

- operating manual
- power supply
- table stand

Order number: 1062-PLUS



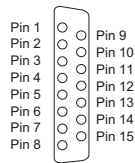
CONNECTION

The PortaMonitor is connected up as follows:

XLR-f/analog in

Pin assignment:

- 1 shield (case)
- 2 signal hot
- 3 signal cold



XLR-f/digital in

Pin assignment:

- 1 shield (case)
- 2 signal hot
- 3 signal cold

Power supply connector

Pin assignment:



15p-Sub-D remote

Pin: Function:

- 1 common potential for external switches
- 2 external function selection: gain
- 3 external function selection: memory reset
- 6 external function selection: loudness
- 7 external function selection: peak hold
- 8 external function selection: shift
- 9 external function selection: memory
- 10 external function selection: menu
- 11 external function selection: status
- 12 external function selection: opt 1
- 13 external function selection: opt 2
- 14 external function selection: RTA
- 15 external function selection: gonio

COLOURS

- Scale RAL 7000 Squirrel grey
- Case RAL 7015 Slate grey

ACCESSORIES



Power supply, Euro
Orderno. 1171-R

Power supply, Euro, UK, US, AUS
Orderno. 1172-R

Table stand
Orderno. 13710

Adapter frame
Orderno. 13711

Mounting set
Orderno. 13713

Subject to technical changes without prior notice 04/2004