

## GENERAL DESCRIPTION

The 2-channel RTW PortaMonitor 1061 is a table-top unit in a 176.5 x 125.5 x 62.5 mm case. It contains four instruments:

Audio vectorscope/goniometer plus  
 Correlation display plus  
 Peakmeter plus  
 AES/EBU status display

PPM-Mode and colour settings are selectable via menu. The RTW PortaMonitor 1061 features balanced analog inputs as well as an alternative AES/EBU digital input.

## TECHNICAL DATA PORTAMONITOR 1061



Analog  
Digital

Goniometer

Correlator  
Loudness

Peakmeter

2-channel

Status

## TECHNICAL SPECIFICATIONS

### General

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

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: bal. > 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: Analog or digital  
 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  
 digital: • 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

Peakhold: display of peaks  
 Peakholdtime: '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°

### AES/EBU-Status-Monitor

Status bytes: selectable channel 1 or 2  
 • hexadecimal, plaintext, binary  
 • audio-signal-evaluation

### Items delivered

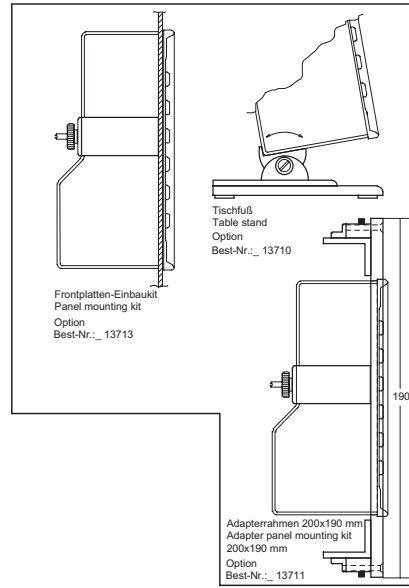
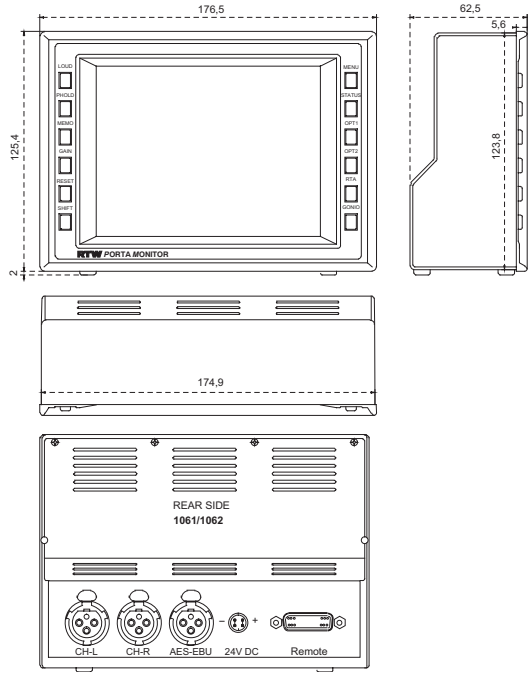
PortaMonitor 1061: • operating manual

**Order number: 1061**

PortaMonitor 1061-PLUS:

• operating manual  
 • power supply  
 • table stand

**Order number: 1061-PLUS**



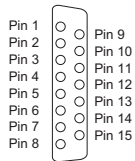
CONNECTION

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 control 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
- 15 external function selection: gonio

COLOURS

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

ACCESSORIES

Subject to technical changes without prior notice 04/2004



- Power supply, Euro Orderno. 1171-R
- Power supply, Euro, UK, US, AUS Orderno. 1172-R
- Table stand Orderno. 13710
- Adapter frame Orderno. 13711
- RTA-module Orderno. 13712
- Mounting set Orderno. 13713