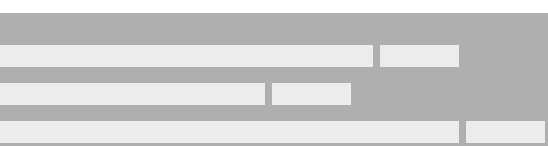
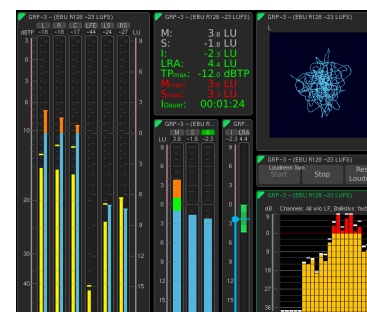


# Licenses of the Implemented Software TouchMonitor TM7 | TMR7 | TM9



## RTW TouchMonitor TM7

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20700  
20700OEM  
TM7-Dante  
TM7-Video  
TM7-Studio  
TM7-Rack  
TM7-Mount

## RTW TouchMonitor TM9

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20900  
20900OEM  
TM9-Dante  
TM9-Video  
TM9-Studio  
TM9-AES16  
TM9-BNC

## RTW TouchMonitor TMR7

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TMR7  
TMR7OEM  
TMR7-Radio  
TMR7-Mount

Manual Version: 4.0  
Issued: 25.11.2019  
Software Version: 8-02 (11.2019)

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WEEE Reg.-no.: DE 90666819

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glibc	sysfsutils	util-linux
libz	sysvinit	util-linux-ng

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gdb

### LGPLv2.1

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Köln (Cologne), November 20th, 2019

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Version 3, 29 June 2007

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```
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```

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## LGPLv2.1 (continued)

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Sub-



## LGPLv2.0 (continued)

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## DejaVu (continued)

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=====

loginrec.c  
loginrec.h  
atomicio.h  
atomicio.c  
and strlcat() (included in util.c) are from OpenSSH 3.6.1p2, and are licensed under the 2 point BSD license.

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# Product Line-up TMR7

**TouchMonitor TMR7 table-top unit**  
7" touch screen 16 : 9 TFT, main unit with table-top frame, table-stand, power supply. Audio interface included!  
Order number: **TMR7**

**TouchMonitor TMR7 OEM unit**  
7" touch screen 16 : 9 TFT, main unit w/o table-top frame, w/o power supply for panel-mounting. Audio interface included!  
Order number: **TMR7OEM**

**3U Mounting Adapter TM7-MA3U**  
Mounting kit including a 19"/3U/42HP rack-mount panel (half-19"/3U) and fastening material for mounting TMR7OEM into standard 19" sub-racks.

**VID Mounting Adapter TM7-MAVID**  
Mounting kit including a half-19"/3U plug-in panel and fastening material for mounting TMR7OEM into standard 19" rack-mount cabinets for video racks.

**Table-top Mounting Adapter TM7-MADT**  
Mounting kit including a table-top frame, robust swivel-mounted table-stand, housing cover, and material for remodeling TMR7OEM to a table-top unit.

Audio Interface (I/O)	Max. Channel Count (Hardware)	Inputs Analog (Balanced)	Inputs Digital (balanced)	Outputs Digital
integrated	4-channel digital In and 4-channel digital Out	---	2 x XLR-F (2 x AES3 in)	2 x XLR-M (2 x AES3 out)
<b>Standard Hardware:</b>	Table-top unit with easy-to-use graphical interface, integrated audio interface, Ethernet, 2 x USB, GPIO, VGA Out, table-stand, mains adapter. OEM-unit for panel-mounting with easy-to-use graphical interface, integrated audio interface, Ethernet, 2 x USB, GPIO, VGA Out.			
<b>Standard Software:</b>	Basic PPM for up to 4 channels with digital scales (0 to -60 dB, +3 to -60 dB True Peak, DIN, Nordic, British Ila and I Ib), audio vectorscope, phase meter, gain reduction, global keyboard. Other software modules available as licences.			
<b>Preconfigured Models</b> (Table-top- or panel-mount units with specific audio interface for typical applications)				
<b>TMR7-Radio</b> (Table-top with psu)/ <b>TMR7-Mount</b> (Panel-mount w/o psu)	4-channel digital In and 4-channel digital Out	---	2 x XLR-F (2 x AES3 in)	2 x XLR-M (2 x AES3 out)
We recommend licences SW20001, SW20002, SW20004 und SW20006 as basic configuration.				
<b>Licences (Software Modules)</b> Further information on <a href="http://www.rtw.de/en/produkte/audio-monitore/touchmonitor-tmr7.html">http://www.rtw.de/en/produkte/audio-monitore/touchmonitor-tmr7.html</a> --> Options				
Loudness and SPL Display Order Number: <b>SW20002</b>	RTA - Real Time Analyzer Order Number: <b>SW20003</b>	Premium PPM (with Moving Coil and second Audio Vectorscope) Order Number: <b>SW20006</b>	Timecode Reader Order Number: <b>SW20008</b> Precondition: installed SW20002!	Logging Data Server (with Chart) Order Number: <b>SW20014</b> Precondition: installed SW20002!

**Dimensions:** W x H x D in mm (with table-stand)

TMR7 (table-top unit): 198 x 139.5 (163) x 46 (95)

TMR7OEM (panel-mount unit): 188 x 109 x 45



\*Gefördert vom Bundesministerium für Wirtschaft und Technologie aufgrund eines Beschlusses des Deutschen Bundestages.\*  
Translation: Due to a resolution of the German Parliament this project is supported by the German Federal Ministry of Economy and Technology.

# Product Line-up TM7

## TouchMonitor TM7 table-top unit

7" touch screen 16 : 9 TFT, main unit with table-top frame, table-stand, power supply. Audio interface required!  
Order number: **20700 +**

## TouchMonitor TM7 OEM unit

7" touch screen 16 : 9 TFT, main unit w/o table-top frame, w/o power supply for panel-mounting. Audio interface required!  
Order number: **20700OEM +**

## 3U Mounting Adapter TM7-MA3U

Mounting kit including a 19"/3U/42HP rack-mount panel (half-19"/3U) and fastening material for mounting 20700OEM into standard 19" sub-racks.

## VID Mounting Adapter TM7-MAVID

Mounting kit including a half-19"/3U plug-in panel and fastening material for mounting 20700OEM into standard 19" rack-mount cabinets for video racks.

## Table-top Mounting Adapter TM7-MADT

Mounting kit including a table-top frame, robust swivel-mounted table-stand, housing cover, and material for remodeling 20700OEM to a table-top unit.

Audio Interface Selection (I/O)	Max. Channel Count (Hardware)	Inputs Analog (Balanced)	Inputs Digital/Outputs Digital	Audio via Network (AoIP)
additional Order Number: <b>HW20711</b>	8-channel analog In, 8-channel digital In, 8-channel digital Out	1 x 25-pin Sub-D	1 x 25-pin Sub-D (4 x AES3 In, 4 x AES3 Out)	---
additional Order Number: <b>HW20712</b>	8-channel analog In, 8-channel digital In, 8-channel digital Out	1 x 25-pin Sub-D	8 x BNC (4 x AES3id In, 4 x AES3id Out)	---
additional Order Number: <b>HW20714</b>	3G-SDI In, 3G-SDI Through, 8-channel digital In, 8-channel digital Out	---	2 x BNC (3G-SDI In/Through), 1 x 25-pin Sub-D (4 x AES3 In, 4 x AES3 Out)	---
additional Order Number: <b>HW20715</b>	16-channel digital In, 16-channel digital Out	---	2 x 25-pin Sub-D (8 x AES3 In, 8 x AES3 Out)	---
additional Order Number: <b>HW20717</b>	32-channels Dante™ AoIP	---	---	2 x RJ-45 (Dante™ network) (Link/Act 1G, Primary and Secondary)

## Standard Hardware:

Table-top unit with easy-to-use graphical interface, Ethernet, 2 x USB, GPIO, VGA Out, table-stand, mains adapter. Audio Interface Selection required! OEM unit with easy-to-use graphical interface, Ethernet, 2 x USB, GPIO, VGA-Out. Audio Interface selection is required!

## Standard Software:

Basic 4-channel PPM with analog scales (DIN +5, Nordic, British IIa, British IIb) and digital scales (0 to -60 dB, +3 to -60 dB True Peak, DIN, Nordic, British IIa and IIb), stereo correlator, gain reduction, global keyboard. Other software modules available as licences.

## Preconfigured Models (Table-top- or panel-mount units with specific audio interface for typical applications)

<b>TM7-Dante</b>	32-channels Dante™ AoIP	---	---	2 x RJ-45 (Dante™ network) (Link/Act 1G, Primary and Secondary)
<b>TM7-Video</b> (Table-top with psu)/ <b>TM7-Rack</b> (Panel-mount w/o psu)	3G-SDI In, 3G-SDI Through, 8-channel digital In, 8-channel digital Out	---	2 x BNC (3G-SDI In/Through), 1 x 25-pin Sub-D (4 x AES3 In, 4 x AES3 Out)	---
<b>TM7-Studio</b> (Table-top with psu)/ <b>TM7-Mount</b> (Panel-mount w/o psu)	8-channel analog In, 8-channel digital In, 8-channel digital Out	1 x 25-pin Sub-D	1 x 25-pin Sub-D (4 x AES3 In, 4 x AES3 Out)	---

We recommend licences SW20001, SW20002, SW20004 und SW20006 as basic configuration.

## Licences (Software Modules) Further information on <https://www.rtw.com/en/products/audio-monitors/touchmonitor-tm7.html> --> Options

Multichannel Mode Order Number: <b>SW20001</b>	Loudness and SPL Display Order Number: <b>SW20002 *</b>	RTA - Real Time Analyzer Order Number: <b>SW20003 *</b>	SSA - Surround Sound Analyzer Order Number: <b>SW20004 *</b> Precondition: installed SW20002!	Radar Display Order Number: <b>SW20005 *</b> Precondition: installed SW20002!	Premium PPM plus Vectorscope Order Number: <b>SW20006</b> . Expands SW20001 with Multi-Correlator
Timecode Reader Order Number: <b>SW20008 *</b> Precondition: installed SW20002!	BLITS (Analyzer and Generator) Order Number: <b>SW20013 *</b> Precondition: installed SW20001!	Logging Data Server Order Number: <b>SW20014 *</b> Precondition: installed SW20002!	ISA - Immersive Sound Analyzer Order Number: <b>SW20015</b> Precondition: SW20001, SW20002 and SW20004 installed!	TC-RTW (Conversion Kit) Order Number: <b>SW20021</b> Precondition: TM of TC electronic!	

\* Licence SW20001 is required for the display of more than 2 channels.

## Dimensions:

W x H x D in mm (approx.)

Table-top units 20700, TM7-Dante, TM7-Video, TM7-Studio: 198 x 139,5 (163) x 46 (95) (with table-stand)

20700OEM, TM7-Mount: 188 x 109 x 45

TM7-Rack: 42HP (213 mm) x 3U (129 mm) x 44,5 mm



\*Gefördert vom Bundesministerium für Wirtschaft und Technologie aufgrund eines Beschlusses des Deutschen Bundestages.  
Translation: Due to a resolution of the German Parliament, this project is supported by the German Federal Ministry of Economy and Technology.

# Product Line-up TM9

**TouchMonitor TM9 table-top unit**  
9" touch screen 16 : 9 TFT, table-top unit with table-stand, power supply. Audio interface required!  
Order number: **20900 +**

**TouchMonitor TM9 OEM unit**  
9" touch screen 16 : 9 TFT, main unit w/o housing, w/o power supply, for panel-mounting. Audio interface required!  
Order number: **20900OEM +**

19"/4U Mounting Adapter **TM9-MA4U**  
for mounting 20700OEM into standard 19" environments. With fastening material and USB extension to front panel

Mounting Adapter **TM9-MADT**  
with table-top frame, table-stand, housing cover, and material for remodelling 20900OEM to a table-top unit

Audio Interface Selection (I/O)	Max. Channel Count (Hardware)	Inputs Analog (Balanced)	Inputs Digital/Outputs Digital	Audio via Network (AoIP)	Option: 3G-SDI interface HW20930/HW20930UPG
additional Order Number: <b>HW20911</b>	8-channel analog In, 8-channel digital In, 8-channel digital Out	1 x 25-pin Sub-D	1 x 25-pin Sub-D (4 AES3 in, 4 x AES3 Out)	---	add. order/can be retrofitted
additional Order Number: <b>HW20912</b>	8-channel analog In, 8-channel digital In, 8-channel digital Out	1 x 25-pin Sub-D	8 x BNC (4 AES3id In, 4 x AES3id Out)	---	add. order/can be retrofitted
additional Order Number: <b>HW20913</b>	16-channel digital In, 16-channel digital Out	---	2 x 25-pin Sub-D (2 x 4 AES3 in, 2 x 4 x AES3 Out)	---	add. order/can be retrofitted
additional Order Number: <b>HW20914</b>	16-channel digital In, 16-channel digital Out	---	16 x BNC (8 x AES3id In, 8 x AES3id Out)	---	add. order/can be retrofitted
additional Order Number: <b>HW20915</b>	16-channel analog In	2 x 25-pin Sub-D	---	---	add. order/can be retrofitted
additional Order Number: <b>HW20917</b>	32-channel Dante™ AoIP	---	---	2 x RJ-45 (Dante™ network) Link/Act 1G, Primary/Secondary	---

**Standard Hardware:** Table-top unit with easy-to-use graphical interface, Ethernet, 2 x USB, GPIO, VGA Out, table-stand, mains adapter. Audio Interface Selection required!  
OEM unit with easy-to-use graphical interface, Ethernet, 2 x USB, GPIO, VGA-Out. Audio Interface selection is required!

**Standard Software:** Basic 4-channel PPM with analog scales (DIN +5, Nordic, British Ila, British Ilb) and digital scales (0 to -60 dB, +3 to -60 dB True Peak, DIN, Nordic, British Ila and Ilb), stereo correlator, gain reduction, global keyboard. Other software modules available as licences.

#### Preconfigured Models (Table-top unit with specific audio interface for typical applications)

<b>TM9-Dante</b>	32-channel Dante™ AoIP	---	---	2 x RJ-45 (Dante™ network) Link/Act 1G, Primary/Secondary	---
<b>TM9-Video</b>	16-channel digital In, 16-channel digital Out	---	2 x 25-pin Sub-D (2 x 4 AES3 in, 2 x 4 AES3 Out)	---	3G-SDI interface mounted: 3G-SDI In/Through
<b>TM9-Studio</b>	8-channel analog In, 8-channel digital In, 8-channel digital Out	1 x 25-pin Sub-D	1 x 25-pin Sub-D (4 AES3 in, 4 AES3 Out)	---	can be retrofitted
<b>TM9-AES16</b>	16-channel digital In, 16-channel digital Out	---	2 x 25-pin Sub-D (2 x 4 AES3 in, 2 x 4 x AES3 Out)	---	can be retrofitted
<b>TM9-BNC</b>	16-channel digital In, 16-channel digital Out	---	16 x BNC (8 x AES3id In, 8 x AES3id Out)	---	can be retrofitted

We recommend licences SW20001, SW20002, SW20004 und SW20006 as basic configuration.

#### Licences (Software Modules) Further information on <https://www.rtw.com/en/products/audio-monitors/touchmonitor-tm9.html> --> Options

Multichannel Mode Order Number: <b>SW20001</b>	Loudness and SPL Display Order Number: <b>SW20002 *</b>	RTA - Real Time Analyzer Order Number: <b>SW20003 *</b>	SSA - Surround Sound Analyzer Order Number: <b>SW20004 *</b> Precondition: installed SW20002!	Radar Display Order Number: <b>SW20005 *</b> Precondition: installed SW20002!	Premium PPM plus Vectorscope Order Number: <b>SW20006</b> . Expands SW20001 with Multi-Correlator
Timecode Reader Order Number: <b>SW20008 *</b> Precondition: installed SW20002!	BLITS (Analyzer and Generator) Order Number: <b>SW20013 *</b> Precondition: installed SW20001!	Logging Data Server Order Number: <b>SW20014 *</b> Precondition: installed SW20002!	ISA - Immersive Sound Analyzer Order Number: <b>SW20015</b> Precondition: SW20001, SW20002 and SW20004 installed!	TC-RTW (Conversion Kit) Order Number: <b>SW20021</b> Precondition: TM of TC electronic!	

\* Licence SW20001 is required for the display of more than 2 channels.

#### Dimensions: W x H x D in mm (approx.)

TM9 Table-top units (20900, Models) 245 x 185.5 x 46.5

TM9 OEM version 20900OEM: 235 x 135 x 45



\*Gefördert vom Bundesministerium für Wirtschaft und Technologie aufgrund eines Beschlusses des Deutschen Bundestages.  
Translation: Due to a resolution of the German Parliament this project is supported by the German Federal Ministry of Economy and Technology.

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