

Release Notes EN

RTW TouchMonitor Firmware 5.11

Software version: rtw-tm-fw-5-11.bin

Build Date: August 21st, 2014



ATTENTION! – Please check the firmware version of your unit!
Depending on that version interim updates shall be executed!
Mandatory order of updates: 1.0 --> 1.15 --> 2.17 --> 2.30 --> then higher versions.



NOTE – Copy the file to an USB flash drive. The USB flash drive shall be correctly unmounted. Not until then remove it from your computer and insert it into your TouchMonitor.



ATTENTION! – Disconnecting WITHOUT unmounting may damage the copied file and thus may cause malfunctions after update!

New Features

- The Loud. Recal. instrument (Loudness Recalculation) is now part of the Timecode Reader licence SW20008 (see Notes below).
- The Loudness Chart instrument is now part of the Logging Data Server licence SW20014 (see Notes below).
- The peakhold color now also can be set to be in dependence on the bargraph color and position. Assuming the bargraph is orange in the normal area and red in the headroom area that would mean a peakhold shown in the normal area would be orange as well, as it would be red in the headroom area.
- Loudness definitions for AGCOM, OP-59, and CALM standards have been added to the selection list of loudness modes.

Updates

ID 938 (general)	The Headroom Ref settings for British II scales are now correctly preset to -10 dB.
ID 1012 (general)	When switching in Demo mode, TM comes with the defined startup preset now.
ID 918 (SW20008)	The LTC timecode now also works, if the Timecode group lies beyond the first 16 channels. (If e. g. 2 audiogroups with 8 channels each have been created and a timecode group was added afterwards, the timecode didn't work. This is fixed now.)
ID 1191 (SW20014)	The incomplete generation of USB log files has been fixed (some information in the config table of the database was missing).

Known Issues

ID 1265	The GLITS generator sends a phase-shifted signal by 30°.
ID 1281	Loudness Chart menu: The Tolerance Indicator and TP scale options are not accessible, if the graphs were set to Off before. If the TP graph is activated, the TP scale option should be selectable. If only one graph is activated, the Tolerance Indicator option should be selectable
Workaround	Completely leave the menu after all settings have correctly been made. Then enter the Loudness Chart menu again.

Restrictions

ID 1231	The "Loud. Recal." instrument cannot simultaneously be used with the Radar instrument.
ID 1246	The "Gain" function is still not available with TP scales.

Notes

Loud. Recal. instrument

With the Loud. Recal. instrument the loudness measurement can be controlled by a timecode either with recalculation or without. The Loud. Recal. instrument displays start and end time and the current timecode or only the timecode. An audio group with Timecode as mode has to be applied before in the preset. To use the recalculation option, the Loud. Recal. instrument has to be added to another audio group including one of the loudness instruments.

The option of continuous recalculation directly updates the I value without the need of a complete passage through the program after corrections on overdriven program spots have been done. The timecode display located between start and end time display uses colors to signalize its current state: a green-colored timecode means normal data collection, a running recalculation is signalized in yellow, and red is used to alert a timecode running out of the collected time range. The Loudness Chart instrument (available with Logging Data Server licence SW20014 activated) being used to show the course of and to analyse loudness measurements is an ideal addition.

Loudness Chart instrument

The Loudness Chart displays the quality (e. g. exceedings) of the relevant loudness values TP, M, S, and I on horizontal bars with individually definable colors. The progress of a measurement (value over time) can be displayed on a coordinate system with up to four graphs. Therefore, different display options are available. A dynamic line shows the position of the Relative Gate, and an additional bargraph for the display of the current I loudness value can be selected. If only one value is displayed, the tolerance range can additionally be displayed as a kind of corridor.

The setting functions for the coordinate system and analysis of the graphs are controlled with the keys that will be available in the instrument's and the local Control Bar and have been defined for the global keyboard. If the Timecode Reader Instrument is available on the unit (with Timecode Reader licence SW20008 activated) and if this instrument is added to its own audio group, the loudness measurement can also be controlled via timecode including the option of recalculation.

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