# Release Notes EN
# RTW TouchMonitor Firmware 6.00

Software version:          rtw-tm-fw-6-00.bin

Build Date:                Dezember 22nd, 2016

⚠ **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 --> 2.38 --> 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

**Common for all units:**

- The basic software has been expanded. Up to 4 channels (up to 4 x Mono, 2 x Stereo, 1 x Stereo/up to 2 x Mono, no 3.1) can now be measured without the need of an activated Multichannel licence SW20001.
- The Output Routing can individually be adjusted for each preset now.
- Preset Import and Export has been expanded. All presets can be exported or imported at the same time.
- Customers with TouchMonitor units of TC electronic® can purchase licence SW20021: TC-RTW included in firmware 6-00 to get access to the new features.
- The TP Over resp. TPmax threshold can be adjusted in steps of 0.1 dB.

**For units with SW20002 (Loudness):**

- The set of implemented loudness standards has been expanded with measuring standards for cinema loudness: LEQ(M), TASA, SAWA.
- A red line marks the 0 LU target value on scales of the Loudness Sum instrument.
- The Loudness Numeric instrument has been expanded with the display of the I measuring time value "I-time".

**For units with SW20003 (RTA):**

- The spectral distribution of the frequency range has been expanded to 1/12-octave.

**For units with SW20006 (Premium PPM plus VSC):**

- The 2-channel Audio Vectorscope is now implemented with 4 instances.

## Updates

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| | SDI: 3G-Dual stream signals can be received resp. synchronized now. |
| **ID 1265** | In BLITS instrument, the phase shifting of the GLITS generator has been corrected. |

## Restrictions

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| **ID 1231** | The "Loud. Recal." instrument cannot simultaneously be used with the Radar instrument. |

## Important Notice

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