Release Notes Masterclass PlugIns Series EN
RTW Mastering Tools V4.0 | RTW Loudness Tools V4.0

Software version: 4.0
Build Number: 4.0-0062

New Features

- **Offline Bouncing** is now supported. It allows the accelerated measurement of the I, Mmax, Smax, TPmax, and LRA values via export or rendering of the audio file.
- Additional installation as **"stand-alone" application** for measuring audio data without DAW.
- Support of **TASA** and **SAWA** Cinema Loudness standards for **Leq(m)** measurement of Stereo and 5.1 audio signals. Corresponding presets for SAWA and TASA are included.
- The spectral frequency distribution of single channels, channel pairs or groups up to 7.1 measured with the Real Time Analyzer (**RTA**) can now be controlled on **122 bands plus H band (1/12 octave)**. The included low frequency mode allows the optimized control of low frequencies.

Updates

- Support of the optimized and resources sparing **OpenGL® rendering** to reduce CPU utilization.
- When using the Mastering Tools with Pro Tools, the channels of multi-channel tracks (e. g. 5.1) will be allocated automatically. There is no need of hand operated routing in this case.

Compatibility

Platforms:

- Windows® 7 to 10:
  VST2.4, VST3, RTAS, AAX, Stand-alone

  Compatibility testing performed with:
  – Sequoia 12, Samplitude Pro X, Samplitude Pro X II,
    Pyramix 9 (VST2.4)
  – Cubase 7 to 8.5,
    Nuendo 6 to 7,
    WaveLab 8.5
    Premiere Pro CC 2015 (VST3)
  – Pro Tools 10 (RTAS)
  – Media Composer 8 (AAX)
  – Pro Tools 11, Pro Tools 12 (AAX)

- Mac OS X® 10.6. to 10.11:
  VST3, RTAS, AAX, AU, Stand-alone
  *Special feature: Only stand-alone operation is available
  on OS X 10.6.8

  Compatibility testing performed with:
  – Cubase 7 to 8,
    Nuendo 6 to 7,
    WaveLab 8.5
    Premiere Pro CC 2015 (VST3)
  – Pro Tools 10 (RTAS)
  – Media Composer 8 (AAX)
  – Pro Tools 11, Pro Tools 12 (AAX)
  – Logic Pro X 10.2, Final Cut Pro X 10.2 (AU, 64 Bit)

System Requirements:

- Dual-core processor 2.5 GHz
- 4 GB RAM
- 200 MB free hard disk space
- iLok USB smart key and iLok account
- Internet connection required for activation process

Sample rates: 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz

Updates

ID 963	When changing the size of the PlugIn to a smaller layout in Cubase 7, no graphical artefacts may occur any more.
ID 970	1 | If selecting "LCRS" in Pro Tools®, the PlugIn is now available in the selection list. 2 | If selecting "LCR" in Pro Tools®, the channels are now correctly labelled in PPM mode.
ID 1143	The following DAW's will now be supported: • WaveLab 8 • Media Composer 8 • Final Cut Pro X 10.2 • Adobe® Premiere® Pro CC 2015
ID 1621	Preset "R128 Analyzer" was allocated to "CALM Act" Loudness type. According to the standard it is now set to "EBU R128".
Presets	The delivered presets have been updated and also include now: • Loudness standards for cinema • Adjustments to the new EBU loudness specifications

Notes

Reset of PPM Peakhold or Sum Peakhold   Use the keyboard instrument, a double-click on the particular instrument, or use the right mouse key and click "Reset Peakholds".

Change instrument size   Fast instrument size change can be achieved by a right mouse click on the desired instrument frame.

Changing between absolute and relative scales   Unit changes for Loudness scales between LUFS and LU will not reset the loudness measurement.

Presets   PlugIn preset management is performed either by the DAW software or via the export and import functions of internal preset exchange option (see Menu -> System -> General -> Preset exchange).

Slider parameters   To reset the slider parameters to their respective default value hold ALT or CTRL and click into the slider.

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