Release Notes Masterclass PlugIns Series EN
RTW Loudness Tools V1.0

Software version: 1.0
Build Number: 1.0-LDT0017
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The RTW Loudness Tools are part of the RTW Masterclass PlugIns, an entirely new range of products that provides RTW meters as standard-format PlugIns for Windows® and Mac OS X®. RTW Loudness Tools feature Metering and Loudness display for mono, stereo, multichannel, and surround applications (8 channels max.) and all standard sampling rates up to 96 kHz. It supports all widely used PPM and TruePeak measurements and scales.

Key Features

- Selectable window frames for tailorable positioning
- Flexible display layout with scalable instruments
- Up to 8-ch. PPM, TruePeak, and Loudness measurement
- Sampling rates up to 96 kHz
- Loudness acc. to EBU R128, ITU-R BS.1770-3/1771-1, ATSC A/85, ARIB, OP-59, AGCOM, CALMAct
- Loudness range (LRA) with MagicLRA
- SPL view
- Bargraph type and/or numerical displays
- Function parameters for extra flexibility: integration time, operational range, tolerance, viewing options for metering data and scales
- VST 2.4 format for Windows®, RTAS format for Mac OS X® (others will follow)
- Copy protection with iLok USB smart key (not included)

Compatibility

Platforms:	• VST 2.4 for Windows® 7 32/64 bit.
	• VST 2.4 for Windows® 8 32/64 bit.
	Reference testing performed with Cubase 7 and 7.5
	• RTAS for Mac OS X® 10.6 or higher.
	Reference testing with Pro Tools® 9 and 10

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

Known Issues

ID 963	When changing the size of the PlugIn to a smaller layout, graphical artefacts may occur.
Platform	Cubase 7
Workaround	Close and reopen the window. Other versions of Cubase do not show this behaviour.

ID 1040	If no audio device is selected, the PlugIn starts always in 8 channel mode.
Platform	Cubase 7
Workaround	Select audio device before starting the PlugIn.

ID 1122	Moving or copying the PlugIn between different channels, loudness parameters might change to default values.
Platform	All
Workaround	Review and correct parameters if needed.

ID 1118/1123	If loudness instruments are already instantiated and if then the loudness type is changed to SPL, the parameters in SPL mode may not be updated anymore.
Platform	All
Workaround	Close and reopen the PlugIn.

ID 1071	With DAW's not transmitting the value of the channel count, the PlugIn starts in 8 channel mode.
Platform	All (except Cubase and Pro Tools®)
Workaround	None

ID 970	1 | If "LCRS" is selected in Pro Tools®, the PlugIn is not available in the list. 2 | If "LCR" is selected in Pro Tools®, the PlugIn is available, but the channels are labelled as "1", "2", and "3" in PPM mode.
Platform	Pro Tools®
Workaround	1 | Rename channels or use "quad" channel mode for "LCRS". 2 | Rename channels.

ID 1142	When "Bypass" will be pressed, Sequoia may crash.
Platform	Sequoia 12
Workaround	Avoid pressing "Bypass".

ID 1143	Incompatibilities to WaveLab 8 have been recognized.
Platform	WaveLab 8
Workaround	None

Notes

Reset of PPM Peakhold or Sum Peakhold	Use the keyboard instrument or a double-click on the particular instrument.
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 will not reset the loudness measurement.
Presets	PlugIn preset management is performed by the DAW software.
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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