NUGEN Audio

LOUDNESS. STANDARD.

Loudness Toolkit feature comparison table

»   [VisLM - Visual Loudness Meter](#)

»   [LM-Correct - Loudness Measurement and Correction](#)

»   [ISL - InterSample Limiter](#)

VisLM Features	VisLM-H 1	VisLM-H 2
NEW v2.8 Dialogue LRA Measurement (Netflix Best Practice)	-	✔
NEW v2.8 Simultaneous Dialogue and ITU gated measures	-	✔
NEW v2.8 Dialogue % measure	-	✔
NEW v2.8 Immersive 7.1.2 format support	-	✔
NEW v2.8 Leq(m) SAWA	-	✔
NEW v2.8 Leq(a) Measurement	-	✔
NEW v2.8 Enhanced Alerts	-	✔
NEW v2.8 Minimum LRA parameter	-	✔
NEW v2.8 New Presets (Netflix, DPP, DPP RP, DPP Factual)	-	✔
NEW v2.8 Reduced ReMem data footprint	-	✔
ReMEM Time-code locked loudness data	-	✔
ReMEM Loudness profile saved with project	-	✔
ReMEM Loudness over-dub mode	-	✔
Fully resizable interface	-	✔
Double size text option	-	✔
Switchable M, S and variance loudness graphing	-	✔
Switchable M, S, M+S, S+M bar metering	-	✔
Switchable large numeric Momentary loudness readout	-	✔
Adjustable loudness scales	-	✔
Full M, S, I and LRA Max & Min alert system	-	✔
Loudness history macro view	-	✔
TP and Loudness simulatneous view	-	✔
Full history inspector - scroll and zoom	-	✔
Always-on-top stand alone option	-	✔
Leq(m) measurement	-	✔
DSP version	-	✔
ITU-R B.S. 1770-4 ready	-	✔
Loudness history (up to 12 hours)	✔	✔
Selectable historical timebase	✔	✔
Loudness distribution histogram	✔	✔
Full text file logging	✔	✔
Loudness variance display	✔	✔
History flagging	✔	✔
Stand-alone application	✔	✔
iLok licensing option	✔	✔
Integrated Program loudness measurement	✔	✔
Short-term loudness measurement	✔	✔
True peak metering	✔	✔
Mono through 7.1 surround compatibility	✔	✔
ITU	EBU	ATSC	ARIB	AGCOM (& more) compliant	✔	✔
AAX	RTAS	AU	VST2	VST3	✔	✔

LM-Correct Features	LM-correct 1	LM-Correct 2	With DynApt Option
NEW v2.8 Immersive 7.1.2 format support	-	✔	✔
NEW v2.8 De-interleaved channel file extension configuration	-	✔	✔
NEW v2.8 New Streaming Presets (Spotify, YouTube)	-	✔	✔
NEW v2.8 Leq(a) Measurement	-	✔	✔
NEW v2.8 Leq(m) SAWA	-	✔	✔
NEW v2.8 DynApt included in Loudness Toolkit Bundle	-	-	✔
DynApt dialog sensitive Dynamics adapation	-	-	✔
LRA Targetting	-	-	✔
Apple afclip true peak option	-	✔	✔
Momentary analysis	-	✔	✔
Momentary Max correction	-	✔	✔
Combined Integrated and Momentary & Short Term correction	-	✔	✔
Optional dynamics processing of Momentary & Short Term	-	✔	✔
EBU R128 Commercials guidelines ready	-	✔	✔
File handling up to 7.1	-	✔	✔
Single click analysis and correction	-	✔	✔
Text log reporting	-	✔	✔
LEQ(m)	-	✔	✔
ITU-R B.S. 1770-4 ready	-	✔	✔
True peak correction	✔	✔	✔
Stand alone version	✔	✔	✔
TP, Short-term, Integrated program analysis	✔	✔	✔
Integrated program correction	✔	✔	✔
Short-term Max correction	✔	✔	✔
Dialog gate mode	✔	✔	✔
File handling up to 5.1	✔	✔	✔
Analysis only option	✔	✔	✔

ISL Features	ISL 1	ISL 2
NEW v2.8 Immersive 7.1.2 format support	-	✔
NEW v2.8 24 bit, power compensated dither option	-	✔
Power Compensated true-peak-safe dither options	-	✔
Advanced variable (C channel) link options	-	✔
Intelligent dynamic hold/release feature	-	✔
Resizable interface (compact mode)	-	✔
Level and limiting history view	-	✔
Ducking meter Visualization	-	✔
Steering meter Visualization	-	✔
DSP version	-	✔
ITU-R B.S. 1770-4 ready	-	✔
Stereo, 5.1, 7.1 inter-sample true-peak limiting	✔	✔
Apple afcip true-peak variant option	✔	✔
Variable channel linking	✔	✔
Two-stage non linear adaptive algorithm	✔	✔
Multiple diagnostic listen modes	✔	✔