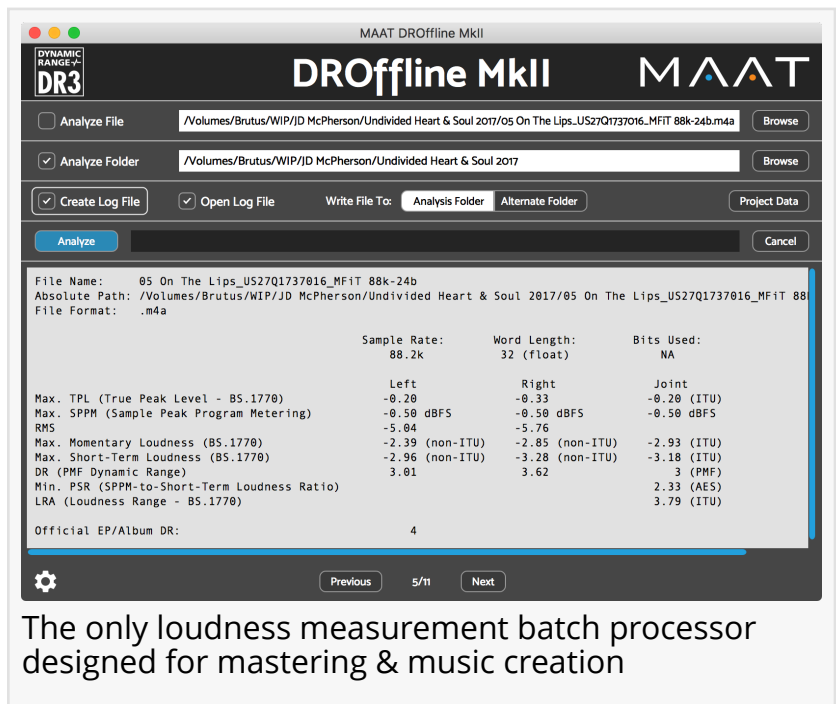


MAAT Delivers One Two Punch

Company announces release of their next generation DROffline MkII app for Loudness measurement

SANTA CRUZ, CA, US, July 24, 2018 /EINPresswire.com/ -- MAAT Incorporated, a manufacturer of exceptional performance professional audio solutions, today announced the release of [DROffline MkII](#), a cross platform application for the background detection of file characteristics, measurement of audio Loudness and dynamics and logging of all parameters. The new native utility brings several firsts to the Loudness metering marketplace, and is the only loudness measurement batch processor specifically designed for mastering and music creation in addition to the more traditional broadcast production and post markets.



The screenshot shows the DROffline MkII application window. It has a dark theme and includes a 'DYNAMIC RANGE DR3' logo. The interface features several input fields for file paths and checkboxes for 'Analyze File', 'Analyze Folder', 'Create Log File', and 'Open Log File'. A 'Write File To:' section offers 'Analysis Folder' and 'Alternate Folder' options. A large 'Analyze' button is prominent. Below the input fields, a table displays analysis results for a file named '05 On The Lips_US27Q1737016_MF1T 88k-24b'. The table includes columns for Sample Rate, Word Length, and Bits Used, as well as rows for various loudness and dynamic range metrics.

	Sample Rate:	Word Length:	Bits Used:
	88.2k	32 (float)	NA
Max. TPL (True Peak Level - BS.1770)	Left	Right	Joint
	-0.20	-0.33	-0.20 (ITU)
Max. SPPM (Sample Peak Program Metering)	-0.50 dBFS	-0.50 dBFS	-0.50 dBFS
RMS	-5.04	-5.76	
Max. Momentary Loudness (BS.1770)	-2.39 (non-ITU)	-2.85 (non-ITU)	-2.93 (ITU)
Max. Short-Term Loudness (BS.1770)	-2.96 (non-ITU)	-3.28 (non-ITU)	-3.18 (ITU)
DR (PMF Dynamic Range)	3.01	3.62	3 (PMF)
Min. PSR (SPPM-to-Short-Term Loudness Ratio)			2.33 (AES)
LRA (Loudness Range - BS.1770)			3.79 (ITU)
Official EP/Album DR:	4		

Below the table, there are navigation buttons for 'Previous', '5/11', and 'Next'.

The only loudness measurement batch processor designed for mastering & music creation

Available for both Windows and macOS, DROffline MkII follows on the success of MAAT's original DROffline. DROffline MkII is designed for engineers working in all audio industries, from mainstream music production, content streaming, broadcast radio and television to gaming, theatrical, industrial, AR and VR.

“

DROffline MkII is the only loudness measurement batch processor specifically designed for mastering and music creation in addition to traditional broadcast production and post.”

Friedemann Tischmeyer

Measurement methods have been expanded to include all international Loudness metrics, plus Minimum PSR as well as MAAT's own integrated DRi Dynamic Range standard for judging “dynamic density,” the amount of dynamic range contrast in a recording.

Continuing to lead the Loudness measurement community, DROffline MkII is the first Loudness

measurement utility to combine high accuracy R128 and A/85 conformance with elements crafted expressly for music production. It is the only batch Loudness logger that provides channel-specific trends by augmenting EBU-mandated monaural gauges with classic L/R metering, for Maximum Short Term, Maximum Momentary and True Peak, to allow the operator to identify significant trends and channel-specific issues often overlooked during production. It is also the first app to offer both the AES' newly defined Minimum PSR metric, Sample Peak-to-Short-term Loudness Ratio. In total, twenty measurements are available, along with six informative facets of each file or folder.

All measurements are performed locally, so DROffline MkII is faster and more secure than on-line services. Log outputs, available in plain text or tab delimited format, are highly

configurable by the user and, with embedded studio information, are suitable for delivery to the client. The application accepts all modern PCM and lossless formats, including WAV, BWF, AIFF, FLAC and ALAC files at up to 384 kHz sampling rates.

Workflow efficiency is always front of mind at MAAT, and DROffline MkII reinforces that commitment. Working with the current version of DRMeter MkII, the real-time measurement and monitoring plug-in companion to DROffline MkII, engineers receive instant answers without leaving their Digital Audio Workstations (DAWs). A quick drag and drop of a clip onto a current DRMeter MkII instance in a session will trigger a background evaluation and measurement by DROffline MkII, which opens a log file in the foreground for inspection.

The affordably priced DROffline MkII is available now directly from MAAT and select pro audio distributors. Images, specifications and additional information including user manual and videos are accessible anytime at www.MAAT.digital on the web.

ABOUT MAAT INC.

MAAT Incorporated, a manufacturer of professional audio solutions, is built on the belief that higher accuracy, exceptional fidelity, enhanced workflows and less visual fatigue are hallmarks of better quality. MAAT is derived from "Mastering Academy Audio Tools," reflecting the deep connection and practical wisdom derived from years of practical experience. MAAT's reliance on hard science and in-depth research balanced by extensive listening redefines audio tools for professionals worldwide.

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The top screenshot shows a spreadsheet with columns: File Name, Format, SR, Word Length, Bits Used, Max, TPL LEFT, and Max. TP. It lists 11 audio files with their respective characteristics.

File Name	Format	SR	Word Length	Bits Used	Max	TPL LEFT	Max. TP
01 Desperate Love_US27Q1737012_MFIT 88k-24b	.m4a	88.2k	32 (float)	NA	-0.3	-0.1	-0
02 Crying's Just A Thing You Do_US27Q1737013_MFIT 88k-24b	.m4a	88.2k	32 (float)	NA	-0.41	0	0
03 Lucky Penny_US27Q1737014_MFIT 88k-24b	.m4a	88.2k	32 (float)	NA	-0.24	-0.0	-0
04 Hunting For Sugar_US27Q1737015_MFIT 88k-24b	.m4a	88.2k	32 (float)	NA	-0.33	-0.0	-0
05 On The Lips_US27Q1737016_MFIT 88k-24b	.m4a	88.2k	32 (float)	NA	-0.2	-0.0	-0
06 Undivided Heart And Soul_US27Q1737017_MFIT 88k-24b	.m4a	88.2k	32 (float)	NA	-0.37	-0.0	-0
07 Blood Hound Rock_US27Q1737018_MFIT 88k-24b	.m4a	88.2k	32 (float)	NA	-0.34	-0.0	-0
08 Style (Is A Losing Game)_US27Q1737019_MFIT 88k-24b	.m4a	88.2k	32 (float)	NA	-0.37	0	0
09 Jubilee_US27Q1737020_MFIT 88k-24b	.m4a	88.2k	32 (float)	NA	-0.39	-0.0	-0
10 Under The Spell Of City Lights_US27Q1737021_MFIT 88k-24b	.m4a	88.2k	32 (float)	NA	-0.06	0	0
11 Let's Get Out Of Here While We're Young_US27Q1737022_MFIT 88k-24b	.m4a	88.2k	32 (float)	NA	0.4	0	0

The bottom screenshot shows the MAAT DROffline MkII software interface. It displays a file analysis window with fields for File Name, Absolute Path, File Format, Sample Rate, Word Length, and Bits Used. It also shows a detailed table of audio characteristics including Left, Right, and Joint channel metrics for TPL, SPPF, RMS, and Loudness.

Log outputs, in plain text or tab delimited formats, are highly configurable & client ready

Cross platform background measurement & logging of file characteristics, Loudness and dynamics