

DB4 & DB8 Software

Version history

3.20

Supported processors:

DB4MKII
DB8MKII
DB4 (original)
DB8 (original)

Versions:

Icon software v.: 6.20
Frame software v.: 3.20
DSP software v.: 3.20
Ethernet software v.: 6.00

Features:

- **DMix: Optimum Mobile Platform Delivery**
In just one engine, DMix can downmix, loudness process and true-peak limit any mono, stereo or 5.1 source. Input formats are dealt with automatically without the need for metadata, downmix takes place at overload-proof 48 bit resolution, loudness processing complies with ATSC or EBU standards, and transparent transcoding keeps the output perfectly conditioned for mobile TV, iPod or IPTV. Even a wide loudness range feature film is transcoded automatically on the fly at an impeccable audio quality.

DMix presets for ATSC and EBU standards may be found in the new Down-conversion factory preset bank. Be sure to try the new iX presets featuring image enhancement for an extra enveloping experience when listening in headphones
- **BS.1770-2 Based Processing**
New EBU R128 and ATSC A/85 compliant processing algos and presets for mono, stereo, 5.1 and format conversion.
- **BS.1770-2 Compliant Metering**
New LM6 loudness radar meter compliant with EBU R128, ATSC A/85, TR-B32 and ITU-R BS.1770-2. For legacy purposes, LM6 can also be switched to the ungated, original BS.1770 measure of Program Loudness.
- **Loudness meters in MKII frames feature 24/7 logging capability without even seeing a computer.**
Measurement and logging presets are found in the new Metering factory preset bank.
- **More Improvements**
Version 3.20 includes various other enhancements. To name a few: Centralized preset handling, more SNMP functions, anti-aliased meter graphics, new Metering, Down-conversion and Up-conversion preset banks.

3.10

Version 3.10 makes sense only to the original DB4 and DB8, since all version 3.10 features are included with the DB4 MKII and DB8 MKII.

Supported processors:

DB4
DB8

Versions:

Icon software v.: 5.50
Frame software v.: 3.10
DSP software v.: 3.10
Ethernet software v.: 6.00

Features:

- LM6 Radar Loudness Meter
 - New descriptors specified in EBU R128: Program Loudness, Sliding Window Loudness, Max Loudness and Loudness Range
 - The measurement of Program Loudness may be switched to ATSC A/85 mode, allowing A/85 based production to take advantage of new developments. In full compliance, only with a better result
- ALC 5.1 update
 - Loudness correction with dedicated EBU R128 and ATSC A/85 settings
 - true-peak limiting that may be switched to AC3 pre-conditioning
 - ALC5.1 now automatically differentiates between stereo and 5.1, allowing for Target Level offset based on format
- General stability and performance improvements