The latest software version for the DBMAX is software version 2.90

Software changes from 2.60 to 2.90: Release date: Aug. 5th 2002

1. On Power up, machine no longer defaults to Mainpage "IN", but to the Recall page. This avoids danger of having the dial accidentally change Input.
2. Preset #46 "FM AOR" has been substituted with "FM Power ISPA".
3. With additional hardware modification, DBMax can now be used in 600 ohm terminated environments. Software auto-detects if hardware modification has been carried out. If hardware has not been modified, "---" is shown on screen at line "In Term Comp" (Utility page). If hardware has been modified and "on" is selected, "dBm" replaces "dBu" for on-screen level measure. Note: New DBMaxes dispatched from TC are not hardware modified unless requested.

NB. Selftest: Analog I/O, Digital I/0 and System does not work when the DBMAX has the Input term modification

Software changes from 2.02 to 2.60:

1. Spectral Stereo Enhancer Insert Added. At Insert 1-3 a Spectral Stereo Enhancer is now available. The function is known from Finalizer 96 and useful for Mastering, FM transmission and Webcast.
2. Improved AGC. Faster release times are enabled to add more dramatic action in the AGC typically needed for FM transmission or other low dynamic range processing. Up to 9.9 dB/sec is allowed. (Previous max was 2 dB/sec).
3. Distortion Cancelling Applied to Final Limiter. Distortion is down from typically -92 dBFS to -124 dBFS in the final limiter.
4. Extra Soft Clipper Added to Final Limiter. Added loudness can be obtained using a new soft clip headroom limiter in Insert 4. Old presets will default to having the headroom limiter on if soft clip was previously engaged.
5. Input Channel Swap Function Added. On IN page no 2, Left and Right can be reversed by selecting "SWAP" in the PROCESS fileld.
6. RS485 Remote Enabled. Due to a bug in software 2.02, full remote functionality was not obtained. This has been corrected.
7. Improved Dynamic Eq. Lower distortion and better detection has been implemented in the Dynamic Eq.
8. User Lock Maintained on Power Down. User Lock (front panel security lock) is now no longer cleared on power down.
9. Fine Trims on Analog Inputs. Fine trims in 0.1 dB increments has been added to analog input calibration now found on the Utility page.
10. Analog Trims in Utility Menu. Analog input and output trims have been moved away from the Reference Level settings, so they are now machine specific instead. They can be adjusted on the Utility page.
11. Reference Level Set-ups can be Stored on Card. User Ref. Level Set-ups are now stored together with Presets using the RAM to CARD

command in the Utility page. User Ref. Level Set-ups are restored CARD to RAM command in the Utility page.

12. Auto-load of Default Settings. User defaults (= all settings) can be recalled on every power up of the machine by selecting the AUTO load function in the Reset menu. The Reset menu is found by holding the BYPASS key during power-up. Auto-load enables the machine to be in a completely known state on every power-up. To use the function, first adjust all settings (Preset, Ref. Levels, Utility parameters, Sync etc.) to what you want as Default. Power down the machine. Power up the machine holding the BYPASS key. Select "STORE USER DEF" and press OK. To auto-load settings on every power-up, select "AUTO" in the "LOAD USER DEFAULT" line.

13. Bypass of Input Filters. Bypass modes "Att" and "1:1" now bypass input hi-pass and low-pass filters. Bypass mode "THRU" is not changed. It has always worked this way.

14. New Presets and Set-ups. Many new presets have been added for Webcast, DTV and even FM transmission. There is no built-in composite generator, but some of the added functions are useful for FM applications also. For Webcast presets, use Set-ups EBU or NAB Webcast. For DTV presets, use Set-ups EBU or NAB DTV. For FM presets, use Set-up FM Generator.

Software changes from 2.01 to 2.02

1. New function, Dynamic Stereo Enhancer Insert.
2. Ability to handle I/O analog levels up to +26dBu (requires hardware field modification).
3. Presets may now recall level set-ups, if desired.
4. Greatly improved and more intelligent Wizard.
5. Improved More/Less settings for compressor.
6. Status display on compressor page 1.
7. Selectable Hi-cut and Lo-cut 20th order input filters.
8. Two units now work in redundancy and bi-lingual configuration.
9. New Presets.
10. New Level Set-Ups.
11. 24 bit bypass mode.