

System 6000 Software

Version history

CHANGES FROM VERSION 3.69 TO VERSION 3.80

VSS4 HD

The World's best stereo reverb just got an upgrade.

Separate mutes for Reverb and Early Reflections, separate Pre and Reverb delays, plus a new Width control. Width and Reverb Delay default to "0" to retain backwards preset compatibility.

The new features have had raving reviews with testers. Five of the original VSS4 factory presets have been updated to take advantage of the new possibilities (F2-01 "Large Hall", F2-07 "Medium Room", F2-13 "Medium Basement", F2-15 "Shortstop Hall", F2-16 "Big Jazz Scene").

New VSS4 HD presets added

Music presets in F2-3 and F2-4.

Film presets in F6-9.

New multichannel Reverb presets added

Music presets in F3-3 and F3-7

Film presets in F8-2.

New Outdoor environments added

Film presets in F8-4.

New DVR2 presets added

Music stereo and quad output presets in F1-8.

New MD4 Mastering presets

Parallel multiband compression starting points from Bob Katz. Factory bank F9-7.

Icon improvements

Support of Intel based Macs.

Improved Preset Save and Restore function.

Improved operation in multi-frame setups.

"Graphite" color scheme added.

CHANGES FROM VERSION 3.60 TO VERSION 3.69

New UnWrap™ HD

UnWrap is the world's de facto standard up-conversion stereo to 5.1 processor for dialog, music and sound effects. Contrary to one-size-fits-all solutions, UnWrap is a professional production tool, which provides a vast number of options and tweaking possibilities to the engineer in order to bring out the intentions behind an original stereo mix.

Software #3.69 includes UnWrap HD, an upgrade of the original algorithm. While maintaining backwards preset compatibility with UnWrap, UnWrap HD extends the algorithm's capabilities to extract dialog and enveloping sources from a stereo or LtRt mix with new Contour and Decorrelation settings. Typical applications include upconversion for film production, mastering and broadcast production for HDTV. UnWrap HD is 48-bit internal precision, and capable of running at any sample rate between 32 and 96 kHz.

Original UnWrap presets can be found in Factory Bank F11-3. Note that UnWrap HD reads old UnWrap presets, converting them upon Recall. UnWrap HD presets for music and sound effects are located in Factory Bank F11-4. UnWrap HD presets for film and post are located in Factory Bank F11-5. UnWrap HD presets targeted Voice Over applications for post production are located in Factory Bank F11-6.

Read This before proceeding to Download

Unless you're a current license holder of UnWrap, or wish to try UnWrap HD, there is no need to update your System 6000 software from 3.60 to 3.69. Instead, wait for the next general System 6000 software #3.80, ETA February 2007.

If you're already holding an UnWrap license for your System 6000, you will automatically gain access to UnWrap HD after downloading software #3.69.

If you have acquired an UnWrap HD Demo Key for your System 6000, you should first download and install software #3.69 before entering the Demo Key Number.

CHANGES FROM VERSION 3.50 TO VERSION 3.60

New MDX5.1

56k users have asked for multichannel DXP processing. This is it. MDX5.1 is the most sophisticated dynamics processor TC has ever created. MDX5.1 is ideal for dynamic range re-mapping in, for instance, Film and DVD production, Live mixing of 5.1 material, or for Ingest purposes at an HDTV station.

Low level lift can be applied to specific channels selectively in one, two or three frequency bands. This enables different settings for the Center or Surround channels, where speech intelligibility or low level ambience tend to get lost. Like when a feature film is re-purposed for broadcast or DVD under domestic listening conditions, or to bring up the surround ambience in a 5.1 concert only when levels are low, so the result doesn't get all muddy.

To process more audio channels than 5.1, Engines can be run in parallel to cater for 6.1, 7.1, 10.2, 12.2 or even higher number formats. Parallel Engines attain perfect phase conservation and resolution, and do not compromise audio in any way. MDX5.1 features 48 bit fixed point processing throughout. Split and reconstruction filters are phase linear when the algorithm is used in multiband modes. MDX5.1 is available free of charge to users with Multichannel Mastering license.

MD4

The output limiter can now be turned Off by taking the Threshold to its top position.

New "Madison" presets for stereo mastering. Presets bring out low level ambience detail, and selectively boosts the image width to brush up acoustic recordings, or to counteract image collapse associated with MP3 or MP4 data reduction.

Madison presets are located at F9, decade 6.

New Mastering Stereo Bank

The new F9 bank holds Eq, De-Ess, BrickWall 2, MD3 and MD4 presets.

New Mastering Surround Bank

The new F10 bank holds Eq, MD5.1 and MDX5.1 presets.

New presets for Film, Music and Dynamic Range re-mapping based on MDX5.1 located at F10, decade 1 and 2.

New Outdoor Spaces for Film Production

5.1 and 6.1 presets for emulating City environments located at F8, decade 3.

New Reverb Presets for Live Music and Theatre

Left-Center-Right presets specifically created for Theatre and Live Music located at F2, decade 8.

Yellow/Red Alerts

Better at-a-glance overview through differentiated Yellow (non-critical) and Red (critical) Icon alerts.

Improved Multi-frame Support

Icon now supports up to 32 frames (more than 500 audio channels) controlled from one computer.

Better Icon fader handling

TC Icon is now more tolerant of aging faders. Previous versions could accidentally edit values.