CHOP SHOP

DANGEROUS

CONVERT-8

DANGEROUS MUSIC

PRODUCT OVERVIEW:

Whether you're tracking, mixing or mastering, the CONVERT-8 will deliver powerful low-end, articulate mids and transcendent highs to every channel in your analog rig. Patched into one of our award-winning analog summing units like the 2-BUS+ or the D-BOX (or to your favorite analog console) the CONVERT-8 will empower you to create the spacious, three-dimensional soundscapes that only real analog summing can deliver. Compatible with all of today's digital signals (including the ubiquitous ADAT format) the CONVERT-8 is ready to take on any mixing or monitoring job from standard stereo and 2.1 to 5.1 and the increasingly popular 7.1 surround format. Recognizing the needs of those who don't need more analog inputs, the CONVERT-8 brings today's very best digital-to-analog conversion within reach of any studio.

THE DANGEROUS MUSIC LEGACY:

"Sacrifice Nothing" This is the credo upon which Dangerous Music is founded. Conceived and designed by end users– not by engineers in lab coats--the results are products that resurrect dynamic range, punch, intelligibility and emotion. These high-fidelity, uncompromised signal paths are achieved by harnessing over 20 years of Chris Muth's design wizardry; creator of infamous custom black boxes for world class facilities like Hit Factory, Masterdisk, Absolute Audio and Sterling Sound Mastering. Then the critical listening skills of golden-eared luminaries are applied, with the result being musical tools that fulfill the actual needs of today's flexible computer based studio.

ANALOG CIRCUITRY

A legend among mixing and mastering engineers for decades, Chris Muth has designed the analog gear used to mix and master an endless list of hit records and classic reissues. Chris's powerful, articulate, hi-fi designs dominated the big studios in New York City since the 80s, and via Dangerous his designs have become essential components in the best modern DAW-based mixing and mastering studios. When we set out to develop a new dedicated stereo DAC, Chris brought his relentless design philosophy and world-renowned sound to the CONVERT's analog technology.

DIGITAL DESIGN

We brought in digital guru Paul Messick to make sure the digital side of the CONVERT-8 would sing in perfect harmony with its finely tuned analog circuit. Paul rigorously refined the CONVERT's JetPLL ultra-low jitter clocking technology until it surpassed the JET's stated specs, resulting in the virtual elimination of jitter throughout the audio band and beyond.

MASTERING GRADE COMPONENTS

Components selected for both performance and sound, tested to draconian tolerances, breathe the analog soul back to life for stunning imaging, headroom, punch and detail.

DC COUPLED

No transformers that color your sound or filter caps that smear stereo. Instead, DC coupling with a custom instrumentation grade power supply for simple, electronic elegance. Bandwidth from DC to light.

AUDIO TRANSPARENCY

Dangerous Music products are "musical, yet transparent". With decades of experience building custom mastering consoles for the most selective ears in the business, our "sound" will never interfere- we let you hear everything in order to craft the finest end product.

HAND ASSEMBLED IN USA

Avoids 6,000 miles of oceanic circuit board rattling, while keeping USA citizens employed.

WARRANTY:

2 years, because it's built to last a lifetime.

FACT SNACK

DANGEROUS MUSIC

SAMPLE RATE SELECT
FEATURE: Select Switch adjusts the Sample Rate.
BENEFIT: Cycle through the 6 sample rates and Auto Mode for universal compatibility with other devices.
TIP: Auto Mode detects the appropriate rate from an external source and selects it automatically (except for ADAT- see manual).
Tip: Lock Light turns green when the Convert-8 has achieved sync from an external source.

CALIBRATION
FEATURE: Choose Calibration Level via the Select Switch.
BENEFIT: Cycle through 3 calibration levels for compatibility with other devices. For example, while Avid is generally -18dBFS, Apogee is generally -16dBFS and much of the mastering community prefer -14dBFS.

INPUT SOURCE
FEATURE: 4 Selectable Inputs.
BENEFIT: Choose between USB, AES/SPDIF, ADAT and OPTICAL SPDIF (TOSLINK). Thus allowing toggling between sources (i.e. iTunes via USB vs. your stems via ADAT).

METERING
FEATURE: 8 digital meters
BENEFIT: Instant visual reference for all 8 inputs simultaneously. Built in "3 Word Over Indicator" saves your time on digital overs by lettting you know the signal has reached the tolerance at which it will be rejected by the CD pressing plant. (LED turns from green to red).

WORD CLOCK
FEATURE: 3 Modes; Normal, External and Master.
Normal: Sync to any incoming clock via any of the digital sources.
External: Slave to an external word clock source. For example, if utilizing a master studio clock, this would distribute WC to the Convert-2.
Master: Make it the master studio clock: all other digital sources will slave to it. (Try it.)

ANALOG OUTPUTS
FEATURE: High quality DB25 Connectors
BENEFIT: Wired to the Tascam / Avid standards.

AES/SPDIF INPUTS 1-8
FEATURE: Format Agnositc Inputs
BENEFIT: Both formats (AES or SPDIF) can utilize any connector. Simply obtain the appropriate cable from your favorite audio dealer. SPDIF is is 75 ohms and AES is 110 ohms (Mogami and Redco both manufacture these).

AES/SPDIF THRU INPUTS 1&2
FEATURE: AES/SPDIF thru ports.
BENEFIT: Monitor external A/D converters while simultaneously utilizing the "thru" for sending to other recorders or route the audio back into the session for more processing. Send the thru to secondary D/A's or into external digital meters.

ADAT IN
FEATURE: Accept ADAT optical lightpipe.
BENEFIT: Leverage that unused ADAT output on your interface and upgrade it to the highest audio quality all the way to 192kHz.

MONITOR ST REMOTE I/O
FEATURE: Connect the Dangerous Music MONITOR-ST here.
BENEFIT: Control the four input selection options on the CONVERT-8 directly from the MONITOR-ST.