

# CHOP SHOP

## PRODUCT OVERVIEW:

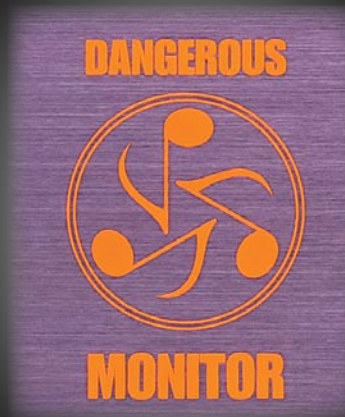
The Dangerous Monitor is the realization of four distinct functions, effortlessly integrated into two rack spaces: analog switching, digital switching, onboard D to A conversion and comprehensive mastering monitoring functions.

"The Monitor is as perfect and flexible a unit as I've ever used. There are so many ways to listen- the sound is wide open. I love the converter, and the digital thru ports let me monitor and buss without thinking about it. The stepped volume control is luxurious and actually sounds the same at any listening level. I'd recommend this unit to anyone."

-David Kahne (Paul McCartney, Fishbone, Sugar Ray)

## THE DANGEROUS MUSIC LEGACY:

"Audio Integrity: non-negotiable." 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.



## 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 massive voltage rails and Mogami point to point wiring for simple, electronic elegance. Bandwidth from DC to light.

## AUDIO TRANSPARENCY

A pristine canvas for painting sonic landscapes utilizing your own personal arsenal of plug-ins and outboard gear.

## HAND ASSEMBLED IN USA

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

## STRINGENT QUALITY CONTROL

An exceptionally low failure rate keeps you in the studio mixing, not at the UPS store shipping repairs.

## WARRANTY:

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

## HEAR EVERYTHING.

Would you drive with a bucket of paint dumped on your windshield? Then why monitor through band-pass filtering circuitry? The Dangerous Music Monitor provides mastering grade, transparent audio with comprehensive control.

Remember: The monitor path is the most critical component in any studio. Every decision from mic placement to mastering is based on what level of detail this device reveals.

Hear everything.



# FACT SNACK



## ANALOG INPUT SELECTION

**FEATURE:** Silently switch between four analog sources.

**BENEFIT:** Compare and contrast different mix sources (i.e. preprocessing and post processing).

**TIP:** The selected source is sent to the **FUNCTIONS** group and the **A-MTR** feed on the back panel. The fourth analog switch selects the built in D/A converter that is fed by the selected **DIGITAL SOURCE SWITCHES**.

## DIGITAL INPUT SELECTION

**FEATURE:** Silently switch between four digital sources.

**BENEFIT:** Monitor every source through the identical D/A. Avoid murky mix decisions based on inferior converters. Don't be fooled by converters aligned to different levels.

## INDIVIDUAL MUTE SWITCHES

**FEATURE:** Mute only the **LEFT CHANNEL**, **RIGHT CHANNEL** or both.

**BENEFIT:** Very powerful when used in conjunction with the mono switch. Isolate and correct issues quickly.

**TIP:** Mute one channel, hit the mono switch and reference the isolated channel in both monitors.

## -6 VU OFFSET

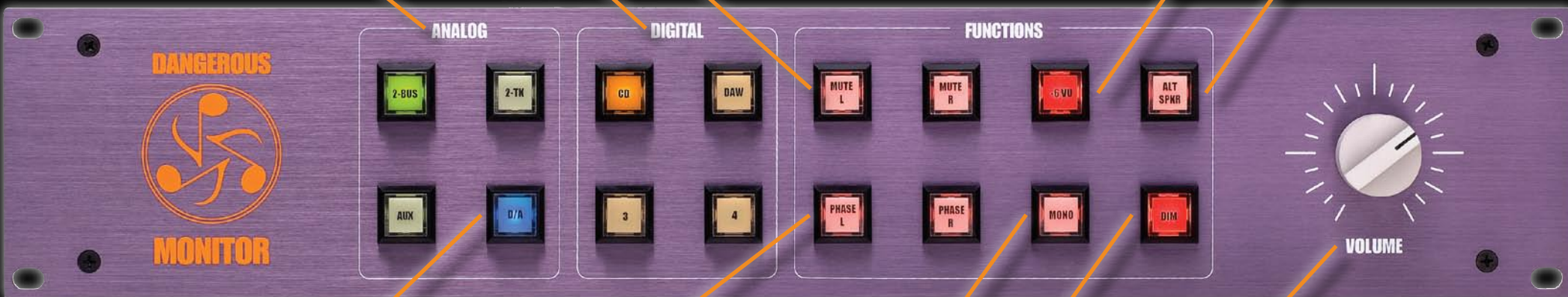
**FEATURE:** Reduces meter sensitivity by 6dB.

**BENEFIT:** Protects the meter from thrashing movements when auditioning loud mastered program material.

## ALTERNATE SPEAKER

**FEATURE:** Noiselessly switch between 2 different sets of monitors.

**BENEFIT:** Not all switchers are equal! The **MONITOR** achieves this noiselessly, without drop outs or phase shift.



## D/A SWITCH

**FEATURE:** This fourth analog switch selects the built in D/A converter. It's fed by any one of the four selected **DIGITAL SOURCE SWITCHES**.

**BENEFIT:** Instantly audition every digital source through the identical D/A. Switch instantly between sources at different sample rates with no delay. Avoid murky mix decisions from dodgy converters.

## INDIVIDUAL PHASE REVERSAL

**FEATURE:** Reverse phase on the **LEFT CHANNEL**, **RIGHT CHANNEL** or both.

**BENEFIT:** Powerful tool! Flip phase when the entire mix is 180° out of phase or use in conjunction with the **MONO SWITCH** (see **TIP**).

**TIP:** Select both the **MONO** & one **PHASE SWITCH** for listening to the difference channel individually (sides only).

## MONO SWITCH

**FEATURE:** The **MONO SWITCH** combines the left and right channels to the monitors.

**BENEFIT:** Always check phase by depressing this button. Did things get quieter? Louder? Instruments missing?

**TIP:** Select **MONO** & reference the **SUM CHANNEL** alone (middle only).

## DIM SWITCH

**FEATURE:** Depress this to lower the monitoring volume by -18 dB.

**BENEFIT:** Instantly drop & resume listening levels.

## VOLUME CONTROL

**FEATURE:** This 21 position **OUTPUT ATTENUATOR** establishes the final level presented to the reference monitors.

**BENEFIT:** Attenuators are far more accurate and consistent at all volume settings, whereas pots often alter the sonic characteristics and balance.

**TIP:** In order to audition the noise floor, use the last two **BIG** steps. ⚠

# FACT SNACK



# DANGEROUS MUSIC

## AES INPUT

**FEATURE:** AES or SPDIF signals are plugged into the XLR(F) connectors. Up to four devices are selectable for seamless routing to the built in D/A converter and digital meter feed.

**BENEFIT:** Monitor every source through the identical D/A. Avoid murky mix decisions based on inferior converters.

**TIP:** Silently switch between analog and digital sources.

## DIGITAL THRU

**FEATURE:** Digital signals pass through the digital input to the XLR(M) flawlessly. The unique buffer circuit cleans & squares up dodgy feeds.

**EXAMPLE:** Monitor the main mix digitally out of your **DAW HARDWARE**. Pass this on through to any digital outboard gear. Now compare the effected version. Pass it back through into your software and apply plug-ins. Now compare that against the original and hardware effected versions. Pass through to an external recorder. Compare the output of the final recorder with all the aforementioned sources. To be informed is to be forewarned.

## ANALOG METER

**FEATURE:** The selected analog sources are sent to meters and phase scopes.

**BENEFIT:** Receive visual intel to improve the monitoring process.

**TIP:** A breakout cable is provided for the A-MTR feed.

## ANALOG INPUT

**FEATURE:** There are three analog stereo inputs. Each is selectable via the switch group marked **ANALOG** on the front panel.

**BENEFIT:** Silently switch between three analog sources.

**TIP:** Silently switch between analog and digital sources.

## CHASSIS & GROUND

**FEATURE:** Utilized for grounding systems where the chassis and audio ground need to be separate (but equal).

**BENEFIT:** Know what it means to telescope your shields? Drop in a grounding bus bar? Then this is for you.



## DIGITAL METER

**FEATURE:** The selected digital sources can be sent to a digital meter and phase scope.

**BENEFIT:** Receive visual intel to improve the monitoring process.

**TIP:** Meters like these look sharp and will help increase your hourly studio rate.

## MAIN OUT

**FEATURE:** Feed a power amplifier, powered set of reference monitors or reference system.

**BENEFIT:** Noiselessly switch between 2 different sets of monitors. (**MAIN & AUX**).

## AUXILIARY OUT

**FEATURE:** Feed an additional power amplifier, powered set of reference monitors or reference system.

**BENEFIT:** Noiselessly switch between 2 different sets of monitors. (**MAIN & AUX**).

## REMOTE / EXPANSION

**FEATURE:** The DB25 connector links the **DIM COMMAND** from a **DANGEROUS MQ**.

**BENEFIT:** Instantly drop & resume listening levels by -18dB when keying the **MQ's** talkback button.

**TIP:** **MONITOR** to **MQ** cable included with the **MQ**.

## AC IN

**FEATURE:** External Power Supply (100-130v, 200-250v user selectable)

**BENEFIT:** Spec'd specifically to increase headroom and lower the noise floor. One model for use anywhere in the known world.

**TIP:** Plug in here first and then flip the switch (always good PSU etiquette).