

# CHOP SHOP

## PRODUCT OVERVIEW:

"The truth is in there."

The DAC-SR is a 6 channel D/A converter that allows the engineer to monitor from and switch between any one of the four digital 5.1 sources without interruption. The source is selected from the Dangerous Monitor ST Remote and simultaneously routed to the balanced Analog Outputs. Only instantaneous switching between sources allows truly accurate comparisons. ("Am I A/B-ing the mix to the DVD, or to the DVD Player's Converters?") The DAC-SR solves this conundrum elegantly, while delivering the mastering quality conversion that you've come to expect from Dangerous Music.

## 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.

DANGEROUS



DAC-SR



## 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.

## WHY DAC-SR?

Instantly expand your Monitor ST-SR with zero audio sacrifice. (Additional Switching System Rack, Monitor ST, Monitor SR and remote required.)

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

## IS YOUR AUDIO A HOSTAGE?

Monitoring is the most crucial stage in the audio chain. An inferior system facilitates poor mix decisions by forcing you to compensate for it's shortcomings. For example, if transients are choked by cheap components and off the shelf designs, the high end you added to the mix will spike like Mount Everest in the real world. When evaluating a new microphone, preamp or eq- how can you judge their performance without honest monitoring? The DAC-SR is the outcome of real world experience combined with mastering grade components. Don't let a lesser monitor rig hold your audio hostage.



# FACT SNACK

## DIGITAL INPUT SELECTED LEDS

**FEATURE:** Visual confirmation that a specific digital source has been selected by the MONITOR ST REMOTE. Yellow LED on = source selected. Yellow LED off = source not selected.

**BENEFIT:** Avoid putting post-its on all your gear to remember the combinations-- what? I already forgot...

**OPERATION:** The input source is selected from the MONITOR ST REMOTE using the ADDITIONAL SWITCHING BUTTONS.

## STEREO INPUT BUTTON

**FEATURE:** Toggle STEREO INPUT 4's TOSLINK connector between MULTICHANNEL ADAT and STEREO OPTICAL.

**BENEFIT:** Noiseless switching provides an additional stereo input for reference mixes.

**Tip:** Plug in your Mac's optical digital out and hear what's going on!

**Note:** Stereo optical (S/PDIF) is different than multichannel optical (ADAT).

## SIGNAL PRESENT LED INDICATORS

**FEATURE:** Visual confirmation that audio is present on the ANALOG DB25 connector.

**BENEFIT:** Which of the six channels have analog audio signal present? Don't guess... look!

## DIGITAL LOCK INDICATOR

**FEATURE:** LED illuminates to confirm D/A lock with the selected digital input. The D/A has an instantaneous lock range of 32 kHz-192 kHz.

**BENEFIT:** Get an hour of your life back and save face in front of clients by confirming that the audible "snat" is not a sync issue from the DAC-SR.

**OPERATION:** The input source is selected from the MONITOR ST REMOTE using the ADDITIONAL SWITCHING BUTTONS.

**Tip:** GREEN LED ON = active source plugged in. RED LED ON = nothing plugged in or source inactive (i.e. off).



# DANGEROUS MUSIC

## BANK INDICATOR

**FEATURE:** Visual confirmation of which bus the module is occupying.

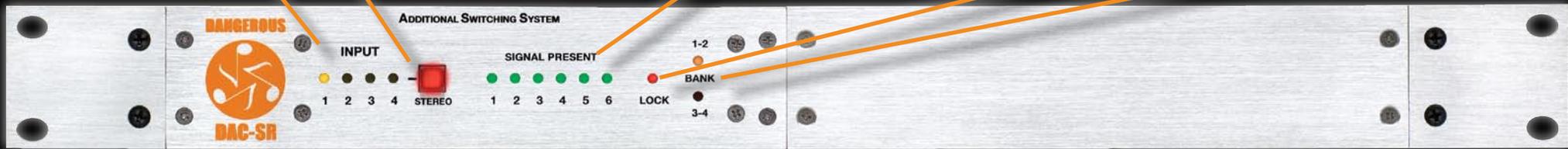
**BENEFIT:** Instantly determine which module is being controlled from the Monitor ST-SR remote.

**OPERATION:** On the Monitor ST, use the UP / DOWN and the ADDITIONAL SWITCHING BUTTONS to select.

## LEVEL TRIM CONTROLS

**FEATURE:** INSIDE the unit. Here the experienced may calibrate digital signal levels up to a maximum output of +26 dBu (-22dBFS = +4dBu, or 1.23 vRMS).

**BENEFIT:** Monitoring at different levels completely skews your audio judgment. Calibrate all your gear identically!



## DIGITAL IN / THRU

**FEATURE:** The rear panel of DAC-SR sports two DB25 connectors wired to the Tascam™ / Digi™ AES digital standard. Remember, these connectors can be wired for S/PDIF or AES or any combination of the two. Up to a 24 bit depth with sampling rates from 32 kHz-192 kHz are supported.

**BENEFIT:** Provides instantaneous switching between two 5.1 sets of digital inputs wired for AES or S/PDIF (flexible like a yoga disciple).

## MULTI CHANNEL INPUTS

**FEATURE:** Two TOSLINK inputs accept optical multi-channel feeds of up to 24 bits with sampling rates from 32 kHz-96 kHz.

**BENEFIT:** Accept multiple rates with no conversion and avoid the crack, snapple, pop of digital reclocking.

## DIGITAL INPUT FOUR

**FEATURE:** Input 4 is switchable between stereo optical (S/PDIF) and multichannel audio (ADAT).

**BENEFIT:** Forget repatching, just hit the button and monitor your confidence mix through the same pristine converters.

**OPERATION:** Utilize the front panel switch to toggle between functions.

## ANALOG OUTPUT

**FEATURE:** Connect this DB25 connector to the MONITOR SR.

**BENEFIT:** Expand your rig with up to two Additional Switching System racks loaded with 4 modules. Perpetual expansion!

## REMOTE

**FEATURE:** Connect the remote via Ethernet CAT 5e shielded cable. Thru goes to the next unit (i.e. another A.S.S. rack or MONITOR ST.)

**BENEFIT:** Replacement or extension cable is easy to find.

**Tip:** Run up to 100 feet!

## DC IN

**FEATURE:** External Power Supply

**BENEFIT:** Spec'd specifically to increase headroom and lower the noise floor.

**Tip:** Plug in here first and then into the wall (always good PSU etiquette).

