

**Features**

- Dirac Live® Room Correction
- All digital processor (AES-EBU)

**Hardware**

- Analog Devices SHARC DSP
- 32-bit floating point
- 8ch AES-EBU input
- 8ch AES-EBU outputs
- Front panel volume control
- IR control with learning feature

**Software Control**

- Dirac Live Calibration Tool
- Firmware upgradeable
- 4 preset memory stored onboard
- Apple remote support

**Power**

- Single external 12V supply

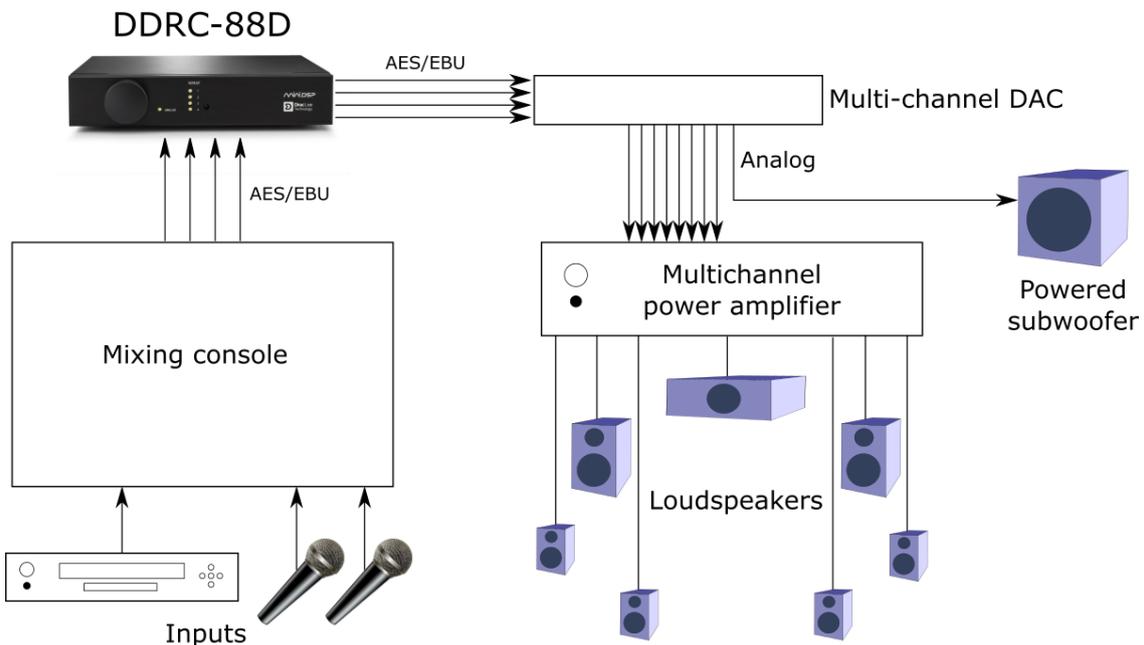
**Applications**

- Multichannel room correction
- Studio tuning
- Commercial AV installs
- Auditorium correction

miniDSP is pleased to introduce the DDRC-88D, the digital I/O version of the well-known DDRC-88A analog I/O Dirac Live processor. Housed in a compact lightweight chassis, the DDRC-88D provides a full 8 channels of Dirac Live room correction via professional AES/EBU digital inputs and outputs.

With 8 channels of Dirac Live processing, the DDRC-88D is ideally suited for professional surround-sound studio and cinema applications. Dirac Live's renowned room correction capabilities ensure the most accurate and immersive surround experience for mastering and playback. An inexpensive optional software upgrade adds additional processing functions including bass management and active speaker implementation.

The DDRC-88D is configured via USB and a user-friendly software suite that runs on Mac or Windows. Four full preset configurations are stored onboard and can be recalled easily from the front panel or with a remote control.

**TYPICAL APPLICATION - STUDIO SETUP**

## HARDWARE SPECIFICATIONS

Item	Description
Digital Signal Processor	32bit Floating point Analog Devices SHARC ADSP21369 / 333MHz
Resolution	Resolution: 32bit
Control	Driverless USB 2.0 control interface for Windows/Mac environments A computer is required for the initial configuration of the product
Digital inputs	4 x AES/EBU (8 channels) on DB-25 connector (Tascam pinout). Asynchronous sample rate conversion on each input, sample rates from 32 to 192 kHz accepted.
Digital outputs	4 x AES/EBU (8 channels) on DB-25 connector (Tascam pinout). Sample rate conversion to match the input rate on Input#1 from 32 to 192 kHz
Dirac Live Correction Suite for miniDSP	Plug&Play configuration from Dirac Live Calibration Tool for miniDSP <ul style="list-style-type: none"> <li>• Impulse response correction</li> <li>• Frequency response correction</li> <li>• Freely edit target curve, unlimited break points</li> <li>• Automatic target functionality</li> <li>• Shows average measurements</li> <li>• Chair and sofa measurements for up to 9 measurements</li> </ul>
DSP plugin	Optional DDRC-88BM plugin for advanced bass management, crossover, equalization, matrix mixer, delay, compressor/limiter.
Filter storage	Up to 4 filter configuration filters stored on unit
USB port	USB port type B for real time control and firmware upgrade
Power supply	5 VDC single supply @ 600mA, 2.1 mm center-positive
Accessories	DB25 to XLR(8) AES-EBU in/out, UMIK-1 with Tripod, optional remote
Dimensions (H x W x D) mm	41.5 x 214.5 x 206 mm

## MECHANICAL SPECIFICATIONS

