

DS10

Analog / MADI Source Selector

DSD
Direct Stream Digital

MADI

The DS10 is a unique hybrid source selector / monitor mixer. It can select from, and mix, multiple analogue and digital input sources. The resulting mono or stereo summing bus output is sent to a pair of rear panel XLR connectors, and to a front panel headphone output. The DS10 is housed in a space saving 2u rack mount case.

Front Panel

A grid of 64 illuminated buttons allow selection of one or more channels from any of the analog and digital input sources. The front panel source button determines how the selector buttons are mapped.

Inputs

The DS10 has a range of input sources, both analogue and digital.

Two MADI input streams can be selected, in addition to 10 balanced analogue inputs.



KEY FEATURES

- + 2 MADI inputs
- + 8 analog inputs on 25 pin D'sub
- + 2 analog inputs on 'hot plug' XLR
- + Word clock input
- + 64 front panel selector switches
- + 2 analog outputs on XLR
- + Headphone output
- + MADI status indicators
- + Summing bus
- + Universal power supply
- + 2u 19" rack mount case

The unit is capable of receiving MADI data in DSD (Direct Stream Digital) or PCM at any sample rate. The resulting selected data can be mixed with any other input source.

The 10 analogue inputs are split between discrete XLR connectors and a 25 pin D' sub connector.

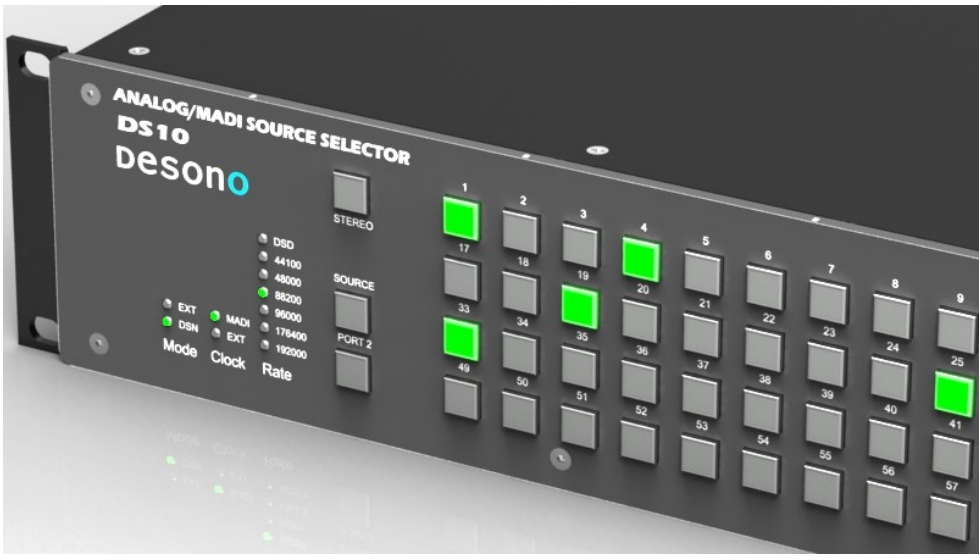
An external clock input is available if sync to house word clock is preferred.

Outputs

All selected input sources are summed to two main outputs, the balanced XLR connectors on the rear panel. The outputs can be mapped as mono or stereo depending on the setting of the front panel Stereo button.

A copy of the main output is sent to the front panel headphone output which has its own independent volume control.

- Inputs**
- + 2 MADI inputs on BNC
 - + 8 balanced analog input on 25 pin D' sub
 - + 2 balanced inputs on XLR
 - + 2 balanced outputs on XLR
 - + Summing bus
 - + Equivalent input noise -128dBu
 - + MADI inputs operate in standard, extended and DESONO modes
 - + Signal-Noise (un-weighted) > 113.5dB @ 22kHz bandwidth
 - + Signal-Noise (A-weighted) > 117dB @ 22kHz bandwidth
 - + THD + Noise > -103dB @ -1dBFS, 1kHz
- Front Panel**
- + 64 illuminated channel select buttons
 - + MADI mode and clock status indicators
- General**
- + Universal power supply
 - + 2u 19" rack mount case



MADI

The MADI inputs can operate in standard and extended modes, in addition to the proprietary **DESONO** mode, which is capable of transmitting up to 64 channels of hi-res PCM or DSD data over one cable.

The DS10 locks and determines the incoming MADI data format automatically.

Front panel status indicators confirm the status of the input digital data.

