

# KYRA

MADI MONITOR MIXER



DirectOut GmbH  
Leipziger Str. 32 | D-09648 Mittweida  
info@directout.eu | www.directout.eu

**DirectOut**  
TECHNOLOGIES

**STAY IN CONTROL!**

**KYRA**

is a 1U audio monitoring device for signal control in MADi environments such as broadcast or PA installations.

It incorporates an 8 x 2 mixer, allowing the operator to set up an 8-channel stereo mix from either eight mono or four stereo channels from the incoming MADi stream.

The monitor mix is output to a pair of integrated speakers on the front panel.

A headphone output on the front panel and a balanced line output on the rear are also provided as well as an AES3 I/O on the rear panel which allows for monitoring an AES3 signal or outputting the main mix.

**All-Round Functionality**

KYRA provides flexible MADi monitoring and line checking as it includes connectivity via three interface standards for MADi:

- optical SC (single-mode or multi-mode)
- coaxial (BNC)
- SFP

The Small Form Factor Pluggable cage can be fitted with any SFP module suitable for the customer's application.

The integral USB port is available for firmware updates and offers the possibility for future upgrades with extended functionality.

**Multiple-Source Monitoring**

Each of the four source panels is equipped with individual bar graphs for input and mix level, a seven-segment display and two encoders for channel selection and level adjustment.

The volume of the main mix can be independently adjusted for each output.

**TECHNICAL DETAILS**

MADI Ports (I/O):	1 x SC-Socket multi/single-mode 1 x coaxial BNC, 75 Ω* 1 x SFP (empty cage without module)
AES3 Port (I/O):	1 x DSUB-9**
<i>Line Output:</i>	1 x DSUB-9**
Output Level:	max +24 dBu
SNR:	-114.5 dB /- 117.1 dBA
THD /THD+N:	-108 dB /-105.5 dB
<i>Headphone Output:</i>	6.3 mm TRS jack, stereo
Output Level:	max. +18 dBu
SNR:	-114.2 dB /-117.1 dBA
THD /THD+N:	-106 dB /-103 dB
Speakers:	2 W / 4 W (rated / max)
mean SPL:	81 dB (1 W / 1 m)
Sample Rates:	44.1, 48, 88.2, 96 kHz
MADI Formats (I/O):	48k Frame, 96k Frame, 56/64 channel, S/MUX
USB:	USB 2.0 for firmware updates
Power Supply***:	1 x 84 V to 264 V AC / 47 Hz to 63 Hz / safety class 1
Dimensions:	Width 19" (483 mm) Height 1 RU (44.5 mm) Depth 7.8" (200 mm)
Weight:	about 3 kg

\* PFT technology (power fail through)- only available for BNC I/O  
 \*\* optional accessory: DSUB-9 to XLR adaptor  
 \*\*\* device variant on request: redundant PSUs

**Protection**

Channel selection on the front panel can be locked to avoid accidental changes.

