

# ANDIAMO.MC

32 CHANNEL MICROPHONE CONTROLLER & AD/DA MADI CONVERTER



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

**DirectOut**  
TECHNOLOGIES

**COMPACT SIZE. UNCOMPROMISED SOUND!**

**ANDIAMO.MC**

is a high-end 32-channel mic preamp and AD/DA MADl converter with a full MADl routing matrix that forms part of DirectOut Technologies' extensive range of premium quality MADl converters. It allows the conversion of mic level signals into MADl digital format. 32 line outputs in balanced line level analog format offer comfortable monitoring or stage returns.

Sophisticated design and a high level of integration have resulted in a compact, easy-to-handle 2U 19" form factor, ideal for studios, OB vans or other live recording environments where rack space is limited.

The device can be operated locally or remotely via the ANDIAMO Remote software. Supported remote methods are USB, D.O.NET, 'MIDI over MADl', 'Serial over MADl' and from mixing console.

**Protocol support**

- AVID (PRE™)
- Yamaha (DM2000,DM1000)
- SSL (C10, C100 & C200)
- Lawo (Dallis)

**Quick overview**

The front panel provides status LEDs for real-time monitoring of signal condition for all input and output channels.

**Clocking**

Selectable clock sources are word clock, MADl input or the internal clock. The current system clock is provided at the word clock output at any time.

**Port Redundancy**

ANDIAMO.MC is equipped with two MADl ports as standard, offering seamless port redundancy. Both MADl outputs always carry identical signals.

**Extended routing**

The Extended Routing feature enables both MADl I/Os to be used independently to:

- create two individual MADl feeds
- double the range of available MADl input channels
- make full use of all conversion channels at higher

**TECHNICAL DETAILS**

MADI Ports (I/O):	2 x SC-Socket multi/single-mode or 1 x SC-Socket multi/single-mode & 1 x coaxial BNC, 75 Ω
Analog (I/O):	8 x DSUB-25 (balanced)
Input Sensitivity:	-55 dBu to +30 dBu 30 dB PAD (switchable) +48 V phantom power (switchable)
Output Level:	+24 dBu (digital trim)
<i>A/D Section</i>	
EIN:	-128 dB
THD @-1 dBFS:	-113 dB
Frequency Response:	-0,15 dB (10 Hz) /-0,15 dB (20 kHz)
<i>D/A Section</i>	
SNR:	-116 dB RMS (20 Hz- 20 kHz) / -119 dB(A)
THD @-1 dBFS:	-109 dB
Frequency Response:	-0,5 dB (10 Hz) /-0,15 dB (20 kHz)
Word clock (I/O):	coaxial BNC (75 Ω termination switchable)
GPO:	2 x MOSFET switch
USB:	USB 2.0 for remote control and firmware updates
Sample Rates:	44.1, 48, 88.2, 96, 176.4, 192 kHz (+/- 12,5%)
MADI Formats (I/O):	48k Frame, 96k Frame, 56/64 channel, S/MUX
Power Supply:	2 x 84 V to 264 V AC / 47 Hz to 63 Hz / safety class 1
Dimensions:	Width 19" (483 mm) Height 2 RU (89 mm) Depth 10" (254 mm)
Weight:	about 7 kg

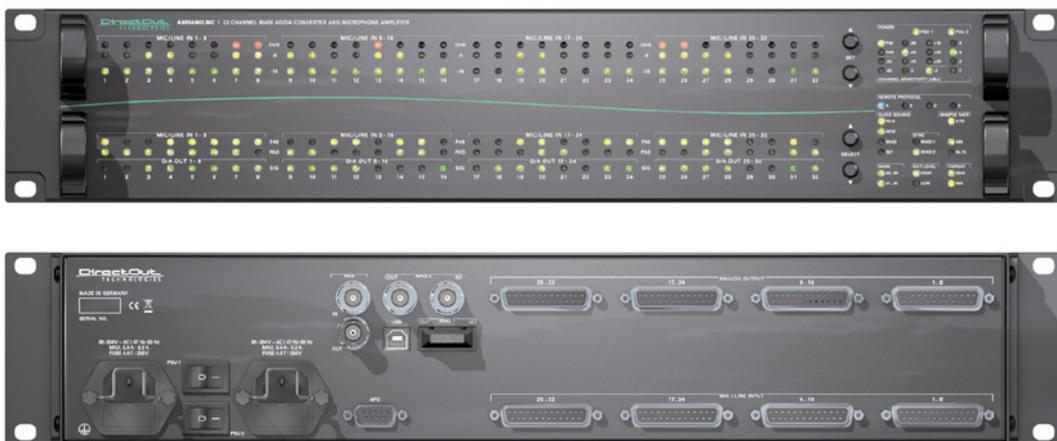
sample rates

**GPO**

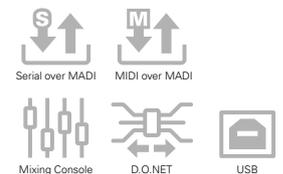
Two GPOs may be configured individually in order to monitor critical system events or to trigger a recording light.

**Safe operation**

Thanks to two phase-redundant power supplies with separate IEC inlets and AC power switches on the rear panel the device offers the highest reliability.



**Remote Methods:**



**Port Configurations:**



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