

# MIXY

# So small for a great sound !

## **Professional Stereo and M/S Analog/Digital Mixer**

### **MORE HIGHLIGHTS**

- 3 Microphone/Line inputs
- 1 stereo line input
- Input/output M/S matrixing
- Adjustable mic sensitivity and balance
- Highly readable graphic OLED display
- Adjustable M/S sound field
- Mono / Stereo / M/S modes
- AES/SPDIF and USB interfaces
- Microphone powering : phantom 12V/48V, T12
- Internal battery with charger
- Battery life > 10 h

### **APPLICATIONS**

- Professional recording quality with any analog or digital recorder
- Coupling with Scoopy codec for realtime transmission



**NEW**

- **Exclusive Analog/Digital Mixer**
- **3 channel portable mixer**
- **Analog and digital interfaces**
- **Small and lightweight, with internal battery**
- **M/S operation capability**



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# TECHNICAL FEATURES

## MIXER FUNCTIONS

- Analog inputs 3 Mic/line inputs, 1 stereo line (return)
- Digital inputs USB, AES/SPDIF
- Outputs Stereo analog output, USB, TOSLINK, AES/SPDIF

- Monitoring Headphone output and level meters
- Slate and tone generator
- Stereo and M/S operation With channel 1&2 coupling
- Genlock operation from digital input
- Dedicated interface for RF transmitters/receivers
- SCOOPY extension interface

### Channel processing

- High pass filter 50 Hz / 120 Hz / 300 Hz
- Fast limiter LED indicator
- Input overload detection 1 LED per channel (6dB before clipping)
- Phase inverter on each input channel

## SPECIFICATIONS<sup>1</sup>

### Mic/Line Inputs

- Max gain ( mic input) +92 dB
- Max gain ( line input) +30 dB
- Max input level, Mic/Line +19 dBu / +22 dBu
- Equivalent input noise -128 dBu (for 80 dB gain)
- Input headroom 40 dB
- Input sensitivity balance ± 5 dB (Stereo or M/S only)
- High pass filter 50 Hz / 120 Hz 18 dB/o, 300 Hz 6 dB/o
- Limiter Ton 1 ms, Toff 0.2 s
- L/R channel gain matching ± 0.5 dB
- Frequency response ± 0.25 dB (20 Hz-20 kHz)
- Crosstalk < -60 dB

### Analog Outputs

- Nominal output level +4 dBu / -10 dBV / Mic level (-46 dBu)
- Maximum output level -9 to +22 dBu
- Output noise -90 dBu
- THD+N < 0.1 %, -80 dB typ. @ 1 kHz
- Headphone output for  $Z_L > 16 \Omega$ , fully protected

### M/S matrixing

- M/S matrix accuracy Better than 1 %
  - (M+S) / (M-S) > 50 dB
  - Sound field basis Mono + continuously adjustable 50 to 180° ( 110° center )
- Using phase inverter on "Side" channel

- Stereo reverse

Note 1 : measured over the full 20 - 20 000 Hz range unless specified otherwise

## OPERATIONAL INFORMATION

### User interface

- Graphic OLED display
- Keypad + joystick switch
- LED indicators

### Monitoring

- Selection of monitored sources
- Audio level display VU and PPM ballistics, 50 dB display range
- Battery charge status

### Analog connections

- Mic/Line inputs (balanced) 3 female XLR
- Stereo input (balanced) female 5-pin XLR
- Stereo output (balanced) male 5-pin XLR
- Stereo output (unbalanced) 3.5 mm jack
- Headphone socket 3.5 mm jack
- RF transmitter/receiver interface 12-pin MiniCon socket

### Digital connections

- AES/SPDIF input RCA
- AES/SPDIF output Hirose socket
- SPDIF output TOSLINK optical
- Sampling rate and resolution 32/44.1/48/96 kHz, 24 bits (except USB)
- USB 1.1 32/44.1/48 kHz, 16 bits, Mini-B socket

### General

- Internal battery life > 10 h
- External DC voltage 8 to 18 VDC
- External DC current I < 0.3A (operation)
- External DC current I < 2A (battery charge)
- Dimensions (WxHxD) 171 x 49 x 131 mm (6.7"x1.9"x5")
- Weight 1.23 kg (2.7 lbs)

## ACCESSORIES

- Adapter cables for RF transceivers (consult us for available types)
- Adapter cables for digital audio output
- Spare external AC adapter
- Car battery adapter
- Carrying bag



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