

NanoAmp Series Mono Mixer & Input Expander

MX100 MX100C MX101 XP100

NanoAmps from ATI are a compact, convenient and rugged series of low cost mixers and utility amplifiers featuring professional XLR type connectors, high performance, low noise circuit and quiet, UL and CE approved remote power modules. Use them free standing, stack them or rack mount one, two or three across in only 1 ¾ inches.

The *MX101* is a field or studio full featured, three channel, switchable microphone/line mixer with low noise balanced inputs, phantom power, switched low cut filters, slate microphone, and a test tone oscillator driving a bright LED VU meter and a low distortion servo balanced selectable line/mic mono output with switchable peak limiting. An independent adjustable headphone output monitors program or cue and program.

- The *MX100* and *MX100C* are basic studio or field three channel
- Selectable microphone/line mono mixers with low noise balanced inputs,
- Phantom power
- adjustable headphone program output
- metered low distortion selectable balanced line/mic output
- Expand the input capability of the *MX101* or the *MX100* with one or several *XP100* expanders
- Each *XP100* adds four switchable microphone/line inputs and includes all DC and audio interconnecting cables for interfacing with the mixer.



Models

- **MX101** 3 Channel Input, Mono Output Mixer
- **MX100** 3 Channel Input, Mono Output Mixer
- **MX100C** 3 Channel Input, Mono Output Mixer with switchable peak limiter
- **XP100** 4 Channel Input Panned Stereo Input Expander for MX and MXS

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Technical Specifications

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OUTPUT LEVEL	+22dBm MAX, +4dBm Nominal into 600 ohm balanced or unbalanced lines Output is selectable +4dBm (Line) or -50dBm (Mic).
REQUENCY RESPONSE	+0/-5dB 20Hz to 20kHz MX101 only: Switchable low cut filters -15dB @ 20 Hz, -3dB @ 125 Hz
DISTORTION	.5% THD Maximum 20Hz to 20kHz at +20dBm
NOISE	MIC Input: EIN = -124dBm, 54dB gain; LINE Input: EIN = -88dBm, 14dB gain 20Hz to 20kHz measurement bandwidth.
GAIN	MX: MIC: 52, 72 & 92dB; LINE: 32 & 42dB Gain of each input is selectable. XP100: MIC: 40dB; LINE: 0dB
HEADPHONE OUTPUT	100mW to 600/150 Ohm Headphones, TRS Jack
LIMITER	MX101/MX100C only: 5:1 SLOPE, Attack time 50ms, Recovery time 300ms for 10dB change.
PHANTOM PLANET	+20VDC regulated @ 4ma through paralleled 3.32K Ohm resistors PH48-1 48VDC phantom power available as an option.
POWER	22 to 30 VDC. 24VDC Nominal. MX @ 120 mA, XP @ 70 mA; See Power Supplies and other DC voltage options: See Accessories.
DIMENSIONS	1.75(4.45)H X 5.6(14.22)W X 5.75(14.6)D; 1.50 lbs, .68Kg
MOUNTING	Free standing or rack mountable; one, two or three units in 1-3/4"
CONNECTORS	Standard XLR female inputs and XLR male outputs.
CUE (DIRECTOR INPUT)	MX101 only: Unbalanced -10dBu, 2.5 mm TS jack.
WARRANTY	Limited, One Year Warranty