

Stereo Mixer and Input Expanders

NanoAmp Series

Nanoamps from ATI- a compact, convenient and rugged series of low cost mixers and utility amplifiers featuring professional XLR type connectors, high performance, low noise circuitry 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 MXS100 is a full featured field or studio, three channel, switchable microphone/line mixer with low noise balanced inputs, phantom power, pan pots, switched low cut filters, slate microphone, stereo tape in and output and a test tone oscillator driving stereo.



MXS100 w/ Belt Pack



MXS100 w/ Mount



MX200



MXS100



XPS100



MXS100 Rear



XPS100 Rear

- Three XLR low noise, microphone/line balanced inputs with phantom power and pan pots
- Balanced line level stereo outputs have independent headphone program monitoring and bright LED bargraph VU meters
- The MX200C also includes a switchable speak limiter
- VCA master gain and headphone controls
- Quick change AC line operated supplies, replaceable and rechargeable battery power packs and DC set-up converters for belt packs are available
- Expand the MXS100, MX200 or MX200C mixer with an XPS100 for four switchable microphone/line inputs with pan pots or combine with the XPS200 to add two stereo line level inputs
- Use multiple input expanders to precisely meet your requirements
- Expanders include all audio and DC interconnects

Models

- **MXS100** - Full Featured Field or Studio Mixer, Stereo Line/Mic out, Three Panned Mic/Line Inputs
- **MX200** - Studio Mixer, Stereo Line out, Three Panned Mic/Line Inputs
- **MX200C** - Same as MX200 but includes a switchable peak limiter
- **XPS100** - Expander, Stereo buss out, Four Panned Microphone/Line Inputs
- **XPS200** - Expander, Stereo buss out, Two Stereo Line Level Inputs, switchable -10, +4dBu

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Technical Specifications

NanoAmp Series

OUTPUT LEVEL	+22dBm MAX, +4dBm Nominal into 600 ohm balanced or unbalanced lines Output is selectable +4dBm (Line) or -50dBm (Mic).
FREQUENCY RESPONSE	+0/-3dB, 20Hz to 20kHz
DISTORTION	.5% Maximum 20Hz to 20kHz at +20dBm
NOISE	MIC Input: EIN = -126dBm; Line: EIN = -86dBm; 20Hz to 20kHz measurement bandwidth.
GAIN	Mic inputs: +82dB Max; Line Inputs: +42dB Max.
HEADPHONE OUTPUT	100mW to 600/150 Ohm phones, TRS Jack
LIMITER	5:1 slope, Attack time 25ms, Recovery time 200ms for 10dB change. (MXS100 and MX200C only)
PHANTOM POWER	+24VDC nominal @ 4ma through paralleled 6.8K Ohm. PH48-1 48VDC phantom power available as an option.
POWER	22 to 30 VDC, 24VDC Nom. MX @ 160 mA, XP @ .10 mA Other DC voltage options: See Accessories.
DIMENSIONS	H 1.75" (4.45) x W 5.6" (14.22cm) x D 5.75" (14.6cm); 1.25 lbs. (57Kg)
MOUNTING	Free standing or rack mountable: one, two or three units in 1-3/4"
CONNECTORS	Standard XLR female inputs and XLR male outputs
TAPE	Monitor input and tape output, 3.5mm stereo mini jacks (MXS100 only).
POWER SUPPLIES	
WA100-1	Wall mount power supply (UL, CSA), 24VDC @ .4amp, 115 VAC/60 Hz.
WA100-2	Table top power supply with IEC 320 AC connector, 24 VDC @ .4amp, 230/50 Hz.
REMOTE POWER PACKS	
PPA-1	Rechargeable battery pack (includes charger).
PPA-2	Rechargeable battery pack mounted directly to the base of the Nanoamps mixer
DCA100-1	DC/DC converter for operation with DC inputs from 6 to 18VDC
BBU100-1	Battery Pack houses four 9V alkaline batteries for remote operation.
FIELD ACCESSORIES	
ABAG-1	Carry Case (with PROK-1), houses Mixer with PPA-1,-2,-3 or DCA100-1.
PROK-1	Unit protection kit, which consists of side plates to protect front panel controls and rear connectors from impact damage.
RACK MOUNT KITS	
21075-501	
DESK MOUNT KITS	
20617-501	Angled desk mount base
20617-502	Angled desk mount base and one stacker (2 units high)
20617-503	Angled desk mount base and two stackers (3 units high)
20617-504	Stacker (2 units high)
20617-505	Horizontal joiner (2 units side-by-side)
WARRANTY	Limited, One Year Warranty