

# AXS MIXER

**AXS-18RM**

The new AXS line features a full line of analog audio mixers. The AXS series offers 5 different desk top models with 3 available in a rack mount version. All models have a USB connection to link to a computer for stereo playback or recording and have +48V phantom power to the XLR inputs. Additionally, all mono inputs provide an easy to use single knob compression. Most models feature a 3 band EQ with sweepable mid-range and low cut filter. All models include AUX sends on each channel which are either pre/post or switchable for monitoring/FX or external send.

All AXS models have built-in Studio Grade DSP FX with 16 effects. Effects include Reverb, Chorus, Flanger, Delay, Pitch Shifter, and Multi-Effects. Each effect has a storable user parameter and a tap button with a tempo light that provides for delay and echo settings.

Each channel also provides the user with Clip LEDs, Mute, Subgroup Routing, Solo, L/R Panning and PFL. The mono channels also feature ¼" TRS inserts for flexible connection to outboard effects and processing. Whether using in a fixed install or on the road, the 60mm logarithmic faders and sealed rotary controls will provide clean, reliable sound.

- 18 Input, 10 XLR Mic Input & 4 Stereo Inputs
- 10 +48V Phantom Powered Mic Preamps
- 8 Easy to use Built in Compressors
- 3 Band EQ with Sweep Mids on Each Mono Channel
- 16 Effects with Tap
- USB Audio Interface
- 8 Channel Inserts
- 4 AUX Sends Per Channel
- PFL on Each Channel
- Balanced Main Outputs
- Headphone Output
- 60 mm Logarithmic Faders
- Switching Power Supply



MAKERS OF THE ORIGINAL  
HOT SPOT PERSONAL MONITOR



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## AXS-18RM

### Specifications

**Max. Input Level:** Mic +22dBu

Other Line +20dBu

**Max. Output Level:** Main XLR +28dBu

Other Output +22dBu

**Meters:** 3 Color LED

**Sensitivity:** 0VU=+4dBu

**Master Meter:** 12 Segment, -30dB to clip

**Channel meter:** Red LED, clip

**Frequency Response:** +/- 1dB, 20Hz - 30KHz

**Mic CMRR at 1kHz:** >70dB typical

**THD+n at +14dBu at 1kHz:** Mic to mix out <0.005%

**Crosstalk (@1KHz):** Fader shutoff >89dB

Mute shutoff >89dB

**Noise, rms 20Hz to 20kHz:** Mic Input E.I.N -129dBu

Main mix fader unity,

Channel fader down <-95dBu(-97dB S/N)

Main mix fader unity,

Channel fader unity <-82dBu(-86dB S/N)

**Channel HPF:** 18dB/oct below 75Hz

**Mono EQ:** Lo: +/-15dB shelving at 80Hz

Mid: +/-15dB peak at 100Hz to 8kHz

Hi: +/-15dB shelving 12kHz

**Stereo EQ:** Lo: +/-15dB shelving at 80Hz

Lo-Mid: +/-15dB peak at 500Hz

Hi-Mid: +/-15dB peak at 3kHz

Hi: +/-15dB shelving at 12kHz

**DSP:** Converter 24-bit sigma-delt,

64/128-times oversampling

Sampling Rate 40kHz

**USB:** Audio Stereo In/Out

Connector Type B

Converter 16-bit

Sampling Rate 48kHz

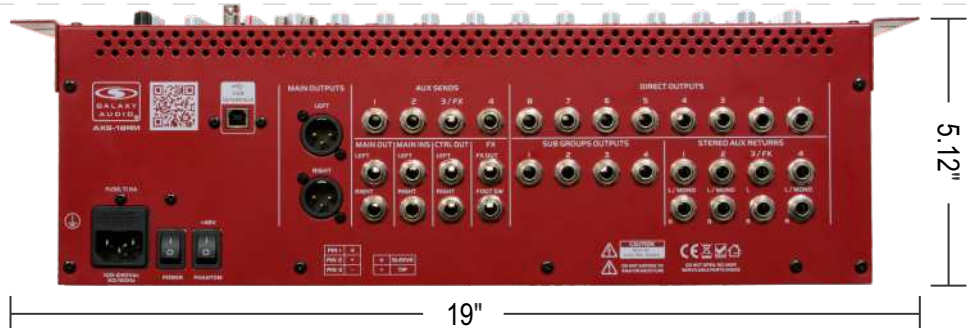
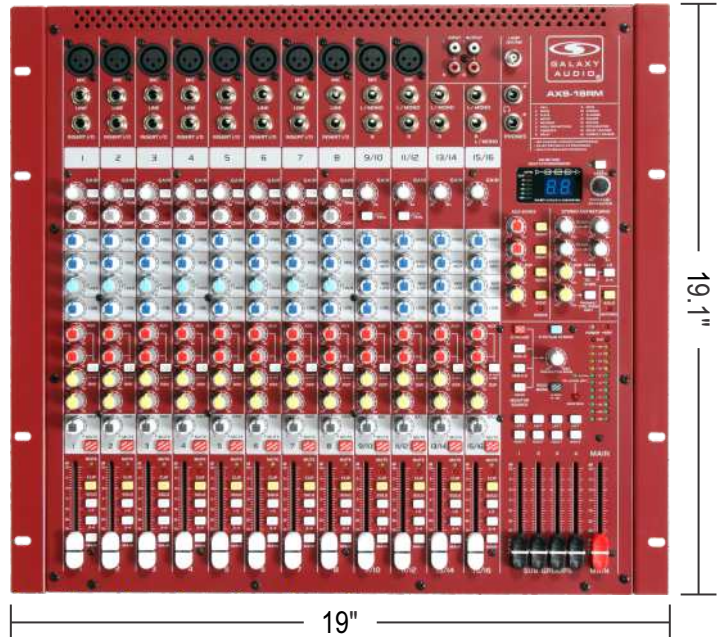
**Power Supply:** 110-240VAC, 50/60kHz

**Power Consumption:** 50 watts

**Fuse:** 100-240VAC, T 1.6A, 250V, 5x20mm

**Dimensions:** 5.12" x 19" x 19.1" (130 x 483 x 485 mm) HxWxD

**Weight:** 18 lb (8.14 kgs)



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Specifications subject to change without notice.



V20140825