



SM Mixers



Pro Product SM Mixers

The Australian Monitor Pro Series SM12 & SM16 mixing consoles are a compact design & provide ultra low noise operation.

With a mixture of mono channels featuring balanced XLR or TRS inputs & switchable 48V phantom power, & stereo channels all boasting 3 stage EQ & pre & post fader auxiliary sends the SM series mixers are as versatile as they are cost effective.

The SM series mixers feature peak LED indication & low cut filters on all mono channels, high quality 60mm faders & sealed potentiometers, 19 inch rack mount kit & accurate 10 segment bar graph meters for the stereo output bus.

The Australian Monitor Pro Series SM12 & SM16 give the audio professional a sonically superior mixing console offering a feature set & versatility usually found in mixing consoles many times their price.

SM12 features 4 mono channels & 4 stereo channels while the SM16 features 8 mono channels & 4 stereo channels.



SM12



Mono Channels Features include;

- Balanced XLR & 6.35mm TRS inputs.
- High pass filter
- Input gain control
- 3 stage equalization
- Pre fader & Post fader Aux sends
- Peak LED indication
- Pan control
- Pre Fader Listen
- Insert point
- 48 volt phantom power

Stereo Channel features include;

- Dual 6.35mm TRS line inputs
- 3 stage equalization
- Pre fader & post fader Aux sends
- Peak LED indication
- Stereo pan control
- Pre Fader Listen

The SM series mixers also include;

- 2 Stereo Auxiliary returns
- Tape input
- Record output
- Headphone output
- Local Monitor output
- 10 segment Bar Graph peak meters for the Master stereo output bus
- Balanced XLR & 6.35mm TRS Master stereo outputs



SM16



Specifications

MONO INPUTS

Mic Input	Electronically balanced, discrete input configuration
Bandwidth	10Hz to 60kHz \pm 3dB
Distortion (THD & N)	0.01% at +4dBu, 1kHz, Bandwidth 80kHz
Mic E.I.N. (22Hz - 22kHz)	-129.5dBu, 150 Ω source -117.3dBq, 150 Ω source -132.0dBu, input shorted -122.0dBq, input shorted
GAIN range	+10dB to +60dB

Line Input	Electronically balanced
Bandwidth	10Hz to 60kHz \pm 3dB
Distortion (THD & N)	0.01% at +4dBu, 1kHz, Bandwidth 80kHz
Line Level Range	+10dBu to -40dBu

Equalisation	
Hi Shelving	12kHz \pm 15dB
Mid Range	2.5kHz \pm 15dB
Lo Shelving	80Hz \pm 15dB

STEREO INPUTS

Line Input	Unbalanced
Bandwidth	10Hz to 55kHz \pm 3dB
Distortion (THD & N)	0.01% at +4dBu, 1kHz, Bandwidth 80kHz

Equalisation	
Hi Shelving	12kHz \pm 15dB
Mid Range	2.5kHz \pm 15dB
Lo Shelving	80Hz \pm 15dB

MASTER MIX SECTION

Max. Output	+22dBu Balanced
Aux. Send Max. Out	+22dBu Unbalanced
Control Room Out	+22dBu Unbalanced
Signal-to-Noise Ratio	112dB, all channels at Unity Gain

POWER SUPPLY (mains voltages)

Europe/Australia	230VAC, 50Hz, power supply unit SMPS (included)
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PHYSICAL

SM12

Dimensions (H x W x D)	70mm x 293mm x 344mm
Net Weight	3.6kg (PSU not included)
Gross Weight	5.8kg

SM16

Dimensions (H x W x D)	70mm x 399mm x 344mm
Net Weight	5kg (PSU not included)
Gross Weight	8.0kg

SHIPPING DIMENSIONS

SM12

Dimensions (H x W x D)	120mm x 390mm x 430mm
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SM16

Dimensions (H x W x D)	130mm x 390mm x 540mm
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