

Processors



The Australian Monitor range of signal processors, offer high quality audio performance at a budget price. Consisting of a single 31 band graphic EQ, a dual 15 band graphic EQ, a 2 way stereo or 3 way mono crossover & a dual channel compressor/limiter, the Australian Monitor processor series are perfect for installation or live sound re-enforcement. The AMIS processor range offers a host of features usually only found in more expensive processing equipment.

The AMIS processor range, all the features you want, at a fraction of the price.

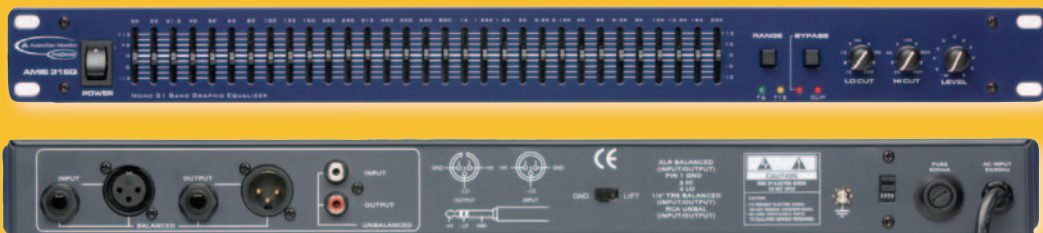
AMIS215EQ

The Australian Monitor Pro Series AMIS215EQ is a single rack unit graphic equalizer. Featuring constant Q circuitry, selectable 6dB or 12dB slider range, balanced XLR, 6.35mm TRS & unbalanced RCA inputs & outputs, EQ bypass switches, ground lift switches, output level controls & overload LED's. These features are usually associated with equalizers many times the price of these Australian Monitor Pro Series graphic EQ's. The AMIS215EQ is an extremely well featured graphic equalizer at a contractor friendly price.



AMIS31EQ

The Australian Monitor Pro Series AMIS31EQ is single rack unit graphic equalizer. Featuring constant Q circuitry, selectable 6dB or 12dB slider range, balanced XLR, 6.35mm TRS & unbalanced RCA inputs & outputs, EQ bypass switches, ground lift switches, output level controls, overload LED's & variable high & low pass filters. These features are usually associated with equalizers many times the price of these Australian Monitor Pro Series graphic EQ's. The AMIS31EQ is an extremely well featured graphic equalizers at a contractor friendly price.



AMIS23X

The Australian Monitor Pro Series AMIS23X is a one rack unit, fourth order Linkwitz-Riley electronic crossover. The AMIS23X can be configured as either a stereo two way or a mono three way crossover. Featuring clip LED indication per band per channel, frequency range selector switch, CD horn boost switch & polarity reverse switching, the AMIS23X is an extremely well featured crossover at a contractor friendly price.



AMIS215EQ/AMIS31EQ Specifications

1. EQUALIZER

Bands **AMIS215EQ** - 2 x 15 2/3 Octave ISO Spacing from 20Hz – 20kHz

AMIS31EQ - 31 1/3 Octave ISO Spacing from 20Hz - 20kHz

Type Constant Q

Accuracy 3% Centre Frequency

Travel 20mm Positive Centre Detent

Range +/- 6dB or +/- 12dB selectable

2. INPUTS

Type Active balanced/unbalanced

Connectors 3 pin XLR, 6.35mm TRS balanced, RCA unbalanced

Impedance 20k Ohms balanced, 15k Ohms unbalanced

Max level +22dBm (level control at centre)

3. OUTPUTS

Type Active balanced/unbalanced

Connectors 3 pin XLR, 6.35mm TRS balanced, RCA unbalanced

Impedance <150 Ohms Typical

Max Level +22dbm (2k ohms)

+18dBm (600 ohms)

4. RFI FILTERS

Yes

5. PASSIVE BYPASS SWITCHES

Yes

6. OVERLOAD LED SWITCHES

5dB below clipping

7. LOW CUT FILTER (AMIS31EQ only)

10-250Hz, 12dB per octave

8. HIGH CUT FILTER (AMIS31EQ only)

3kHz-40kHz, 12dB per octave

9. FREQUENCY RESPONSE

20Hz-20kHz

10. IM DISTORTION (SMPTE)

0.005%

11. SIGNAL TO NOISE RATIO

-94dB (20kHz noise bandwidth)

12. CHANNEL SEPARATION

50dB

13. COMMON MODE REJECTION

50:1

14. VOLTAGE

190-250VAC, 50Hz

15. DIMENSIONS*

44.5mm (h) x 483mm (w) x 216mm (d)

16. WEIGHT*

2.5kg

* For shipping weights and dimensions see back page

AMIS23X Specifications

Frequency Range X1 80Hz to 920 Hz

X2 800Hz to 9.2 kHz

Hum and Noise >93dBu

Low Frequency Section Output @ 0dB <-106 dBu

High Frequency Section Output @ 0 dB <-97d dBu

Signal-To-Noise Ratio 118 dB

CONTROLS

Input Level Continuously variable

Output Level Low, High Cont. variable

CD Boost Rear panel switch

Mute Front panel switch

Channel link Rear panel switch

Phase Rear panel switch

Dimensions* 44.5mm (h) x 483mm (w) x 217mm (d)

Weight* 2.5kg

* For shipping weights and dimensions see back page

AMISCL2

The Australian Monitor Pro Series AMISCL2 is a 1 RU, dual channel compressor limiter. Featuring an expander/gate, compression & limiting per channel, the AMISCL2 utilizes a high quality VCA to give excellent performance from a budget priced dynamics processor. With added features like selectable Automatic attack & release times & EQ enhancement which automatically compensates for high end loss when heavy compression is taking place, the AMISCL2 has the features & the performance of a compressor/limiter many times the price.



AMISCL2 Specifications

AUDIO INPUT

Type	RF-filtered, Servo-balances input stage
Impedance	60K balanced
Nominal Operating Level	-10dBu to 4dBu
Maximum Input Level	+21dBu balanced and unbalanced
CMR @ 1kHz	>40dB

DETECTOR INPUT

Type	DC de-coupled, unbalanced input
Impedance	>20K ohms
Maximum Input Level	+21dBu

AUDIO OUTPUT

Type	Electronically buffered output stage
Impedance	<40 ohms
Maximum Input Level	+21dBu
Bandwidth	5Hz to 50kHz, +0, -1dB
THD @ +4dBu	0.05% typ.
THD @ +20dBu	0.1% typ.
IMD (SMPTE) @ +10dBu	0.01% typ.
Noise & Hum unity gain	>93dBu
Noise & Hum, fully off	>97dBu
Crosstalk @ 20kHz	>85dBu
CMR @1kHz	>60dBu

COMPRESSOR SECTION

Type	IKC (Interactive Knee Control) Compressor
Threshold	Variable (-40 to + 20dBu)
Ratio	Variable (1:1 to LIM.)
Attack	Variable (0.1 to 200 msec/20dB)
Release	Variable (-20 to +20dB)

GATE SECTION

Type	IRC (interactive Ratio Control) Expander/Gate
Threshold	Variable (Off to + 10dBu)

DYNAMIC ENHANCER SECTION

Type	Dynamically Controlled Frequency Correction
Process	Variable (Off to 6)

FUNCTION SWITCHES

In/Out	Bypass switch
Auto	Programme-dependent attack and release times

INDICATORS

CLOSE LED	LED indicates onset of the Expander/Gate
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8 element GAIN	1/2/4/6/10/15/20/30dB
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REDUCTION meter

POWER SUPPLY

Mains Voltages	100-120/200-240 VAC 50-60Hz
Power Consumption	9 Watts
Fuse	320mA (100-120V); 160mA (200-240V) slow-blow
Mains Connection	Standard IEC receptacle

PHYSICAL

Dimensions H x W x D	44.5mm (1 3/4") x 482.6mm (19") x 217mm (8.5")
Net Weight	3kg
Shipping Weight	4.3kg

As a result of these efforts, modifications may be made from time to time to existing products without prior notice. Specifications and appearance may differ from those listed or shown.

SHIPPING FOR ALL PRODUCTS*

Dimensions H x W x D	90mm x 530mm x 260mm
Weight	4.5kg



Engineered and Distributed by

Audio Telex Communications Pty Ltd ABN 78 001 345 482

149 Beaconsfield Street, Silverwater, Sydney NSW 2128, Australia

NSW Tel (02) 9647 1411 Fax (02) 9648 3698 VIC Tel (03) 9890 7477 Fax (03) 9890 7977

QLD Tel (07) 3852 1312 Fax (07) 3252 1237 SA Tel (08) 8352 4444 Fax (08) 8352 4488

WA Tel (08) 9228 4222 Fax (08) 9228 4233 NZ Tel (09) 415 9426 Fax (09) 415 9864

International Enquiries: international@audiotelex.com.au • Website: www.australianmonitor.com.au