



# AUSTRALIAN MONITOR

## AMIS Series AMC30,60,120,250 2 RU Mixer Amplifier



### At a Glance...

- > 3 balanced XLR mic/dual RCA line inputs
- > 2 RU
- > 100 volt/4 ohm operation
- > Master treble and bass control
- > Channel 1 has priority over channels 2 & 3 (defeatable)
- > Facility to add a tone generator module
- > 30, 60, 120 & 250 watt versions
- > Tape output (pre master)
- > Balanced line output

### A More Thorough Examination...

The Australian Monitor Installation Series AMC line of amplifiers takes the heritage & reliability of our famous AMIS series & integrates these features into a low cost amplifier format for applications where reliability is everything, but the more elaborate features of our AMIS series are not required. Available in 30, 60, 120 & 250 watt versions the AMC series are a 2 RU mixer amplifier featuring 100 volt line & 4 ohm outputs, & 3 universal mic/line inputs.

Master volume & overall treble & bass controls are provided, along with Vox triggered muting (defeatable) giving channel 1 priority over inputs 2 & 3. There is also facility to internally add & a tone generator card. The Australian Monitor AMC series give the contractor a low cost alternative in applications that are cost sensitive, but still require a high quality of sound reproduction & reliability.

## Architecture & Engineering Specifications

The mixer amplifier should be 2RU, have 3 balanced mic/dual RCA line inputs & have facility for vox muting for input 1 over inputs 2 & 3. The amplifier will deliver 30, 60, 120 & 250 watts into 4 ohms or 100 volt line & have a balanced line output, tape output & facility to accept a tone generator module. The amplifier shall be an Australian Monitor AMC30, AMC60, AMC120, AMC250.

	AMC 30	AMC 60	AMC 120	AMC250
<b>Power outputs</b>	30W	60W	120W	250W
<b>Outputs</b>	4 Ohms, 100V	4 Ohms, 100V	4 Ohms, 100V	4 Ohms, 100V
<b>THD before clipping</b>	0.5%	0.5%	0.5%	0.5%
<b>Inputs</b>	3x(Mic/Aux)	3x(Mic/Aux)	3x(Mic/Aux)	3x(Mic/Aux)
<b>Input connectors</b>	3x(XLR/RCA)	3x(XLR/RCA)	3x(XLR/RCA)	3x(XLR/RCA)
<b>Mic sensitivity</b>	1mV+/-0.2mV	1mV+/-0.2mV	1mV+/-0.2mV	1mV+/-0.2mV
<b>AUX sensitivity</b>	0.5V+/-100mV	0.5V+/-100mV	0.5V+/-100mV	0.5V+/-100mV
<b>S/N ratio</b>	> 75dB	> 75dB	> 80dB	> 85dB
<b>Power Bandwidth On 100V terminals (-3dB +0dB)</b>	85Hz-15kHz	75Hz-15kHz	75Hz-15kHz	30Hz-20kHz
<b>Tone Control</b>				
<b>Bass @ 100Hz</b>	+/- 12 dB	+/- 12 dB	+/- 12 dB	+/- 12 dB
<b>Treble @ 10kHz</b>	+/- 9 dB	+/- 9 dB	+/- 9 dB	+/- 9 dB
<b>Power source (Switchable)</b>	230-240V 50Hz	230-240V 50Hz	230-240V 50Hz	230-240V 50Hz
<b>Fuses</b>	AC mains & DC	AC mains & DC	AC mains & DC	AC mains & DC
<b>Line Out</b>	1V	1V	1V	1V
<b>Tape Out</b>	300mV	300mV	300mV	300mV
<b>Mic 1 Automatic Priority over Mic2/3</b>	Provided	Provided	Provided	Provided
<b>Size (WxHxD)</b>	482x88x190mm 19"x3.5"x7.5"	482x88x281mm 19"x3.5"x11.1"	482x88x281mm 19"x3.5"x11.1"	482x88x384mm 19"x3.5"x15.1"
<b>Protections</b>	1) Short circuit Protection 2) No Thermal Protection.	1) Short circuit Protection 2) Thermal Protection 95° Aprox.	1) Short circuit Protection 2)Thermal Protection at 95° Aprox.	1) Short circuit Protection 2)Thermal Protection at 95° Aprox. Dual Speed Fan
<b>Output Regulation</b>	96%	93%	93%	90%
<b>Net Weight</b>	6.0kg 13.2lb	8.5kg 18.7lb	10.5kg 23.1lb	11.5kg 25.3lb
<b>Shipping Dimensions (WxHxD)</b>	510x145x297mm 20.1"x5.7"x11.7"	525x175x385mm 20.7"x6.9"x15.2"	525x175x385mm 20.7"x6.9"x15.2"	525x185x470mm 20.7"x7.3"x18.5"
<b>Shipping Weight</b>	7.5kg 16.5lb	10.5kg 23.1lb	12.5kg 27.6lb	14kg 30.8lb

