



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
Power outputs	30W	60W	120W	250W
Outputs	4 Ohms, 100V	4 Ohms, 100V	4 Ohms, 100V	4 Ohms, 100V
THD before clipping	0.5%	0.5%	0.5%	0.5%
Inputs	3x(Mic/Aux)	3x(Mic/Aux)	3x(Mic/Aux)	3x(Mic/Aux)
Input connectors	3x(XLR/RCA)	3x(XLR/RCA)	3x(XLR/RCA)	3x(XLR/RCA)
Mic sensitivity	1mV+/-0.2mV	1mV+/-0.2mV	1mV+/-0.2mV	1mV+/-0.2mV
AUX sensitivity	0.5V+/-100mV	0.5V+/-100mV	0.5V+/-100mV	0.5V+/-100mV
S/N ratio	> 75dB	> 75dB	> 80dB	> 85dB
Power Bandwidth On 100V terminals (-3dB +0dB)	85Hz-15kHz	75Hz-15kHz	75Hz-15kHz	30Hz-20kHz
Tone Control				
Bass @ 100Hz	+/- 12 dB	+/- 12 dB	+/- 12 dB	+/- 12 dB
Treble @ 10kHz	+/- 9 dB	+/- 9 dB	+/- 9 dB	+/- 9 dB
Power source (Switchable)	230-240V 50Hz	230-240V 50Hz	230-240V 50Hz	230-240V 50Hz
Fuses	AC mains & DC	AC mains & DC	AC mains & DC	AC mains & DC
Line Out	1V	1V	1V	1V
Tape Out	300mV	300mV	300mV	300mV
Mic 1 Automatic Priority over Mic2/3	Provided	Provided	Provided	Provided
Size (WxHxD)	482x88x190mm 19"x3.5"x7.5"	482x88x281mm 19"x3.5"x11.1"	482x88x281mm 19"x3.5"x11.1"	482x88x384mm 19"x3.5"x15.1"
Protections	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
Output Regulation	96%	93%	93%	90%
Net Weight	6.0kg 13.2lb	8.5kg 18.7lb	10.5kg 23.1lb	11.5kg 25.3lb
Shipping Dimensions (WxHxD)	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"
Shipping Weight	7.5kg 16.5lb	10.5kg 23.1lb	12.5kg 27.6lb	14kg 30.8lb

