

AMIS26

Distribution Amplifier

Description

The Australian Monitor Installation Series AMIS26 is a high quality 2 input, 6 output distribution amplifier. The AMIS26 provides a low noise, feature packed, signal routing solution to cover a wide range of installation needs, at a contractor friendly price.

Inputs

The AMIS26's 2 inputs can be balanced or unbalanced and each input's sensitivity can be switched between Mic and Line level. Each of the AMIS26's inputs is individually assignable to any of the 6 outputs via front panel DIP switches

Outputs

The 6 outputs can again be balanced or unbalanced and feature up to -60dB of attenuation so they can be run as any combination of line level or mic level outputs.

Controls

Input Level: The input level controls are screw driver adjustable trim pots. The input level can boost or cut the input signal by up to 15dB.

Input Assign Switches: The recessed DIP switches assign either input A or B to a desired output.

Output Level: The output level controls are screw driver adjustable trim pots. This level control attenuates the output level, with a range from -60dB at "Minimum" position, to 0dB at "Maximum" position.

Output Level DIP switch: This switch will change the output sensitivity of the desired output from Mic to line level.

24 VDC Phantom Power is also individually switchable per input

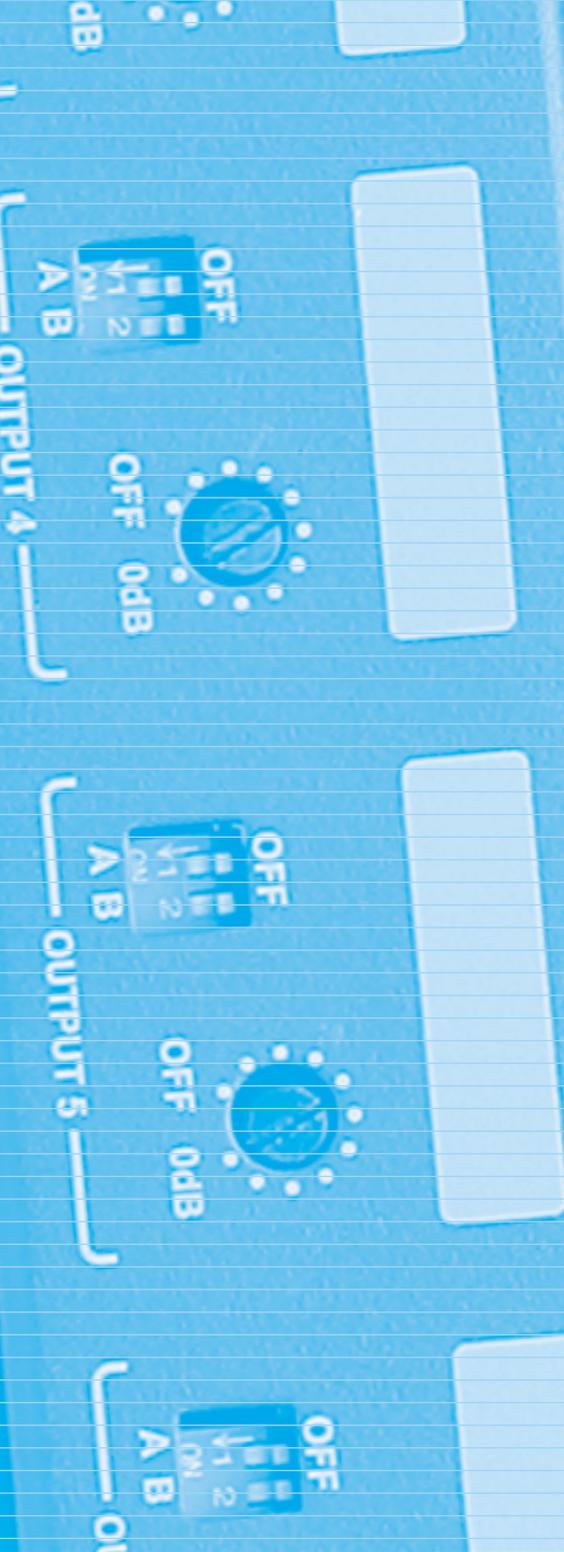
Metering

Input Level Meter: These 4 segment LED meters show the strength of each of the AMIS26's input signals. LED segments are calibrated to the following level markings and show the following colours -20dBu (green), -10dBu (green), 0dBu (yellow), +10dBu (red).

Phantom Power

-24 VDC Phantom power is also individually switchable per input.





Power Input	24 VDC (regulated); 12VA max.
Output Mic/Line Switch	28dB
Noise	-89dB
Frequency Response	(0dB/-3dB) 10Hz - 50kHz
Total Harmonic Distortion	Line In (XLR/RCA) 0.02%; Mic In (XLR) 0.1%
Crosstalk	Better than 80dB
Phantom Power	24VDC
Input Sensitivity	Line (XLR) 775mV (0dB); Mic (XLR) 10mV (-37dB); Line (RCA) 775mV (0dB)
Dimensions	Dimensions: 44.0 x 482.0 x 168.0 (H x W x D) mm
Weight	Net 2.5 kg (5.5 lb), Shipping 3.0 kg (6.6 lb)

- All measurements done with levels set In/Out at 0dB;
- All measurements referenced to 0dBu (0.775mV)

ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The distribution amplifier shall be a high quality two input, six output distribution 1RU device. The unit will have two inputs which can be balanced or unbalanced and each input's sensitivity can be switched between Mic and Line level via dip switches. Additionally these front panel dip switches will allow any of the inputs to be routed to any of the six outputs. The units shall provide a four segment LED level meter per input.

The unit shall provide 24 VDC Phantom power which is to be individually switchable per input.

The units outputs shall be balanced or unbalanced and feature up to -60dB of attenuation so that they can be run as any combination of line level or mic level outputs.

The distribution amplifier shall be an Australian Monitor Installation Series AMIS26.



Engineered and Distributed By **AUDIO TELEX COMMUNICATIONS PTY LTD** (ABN 78 001 345 482), 149 Beaconsfield Street, Silverwater, Sydney, NSW, 2128 Australia

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