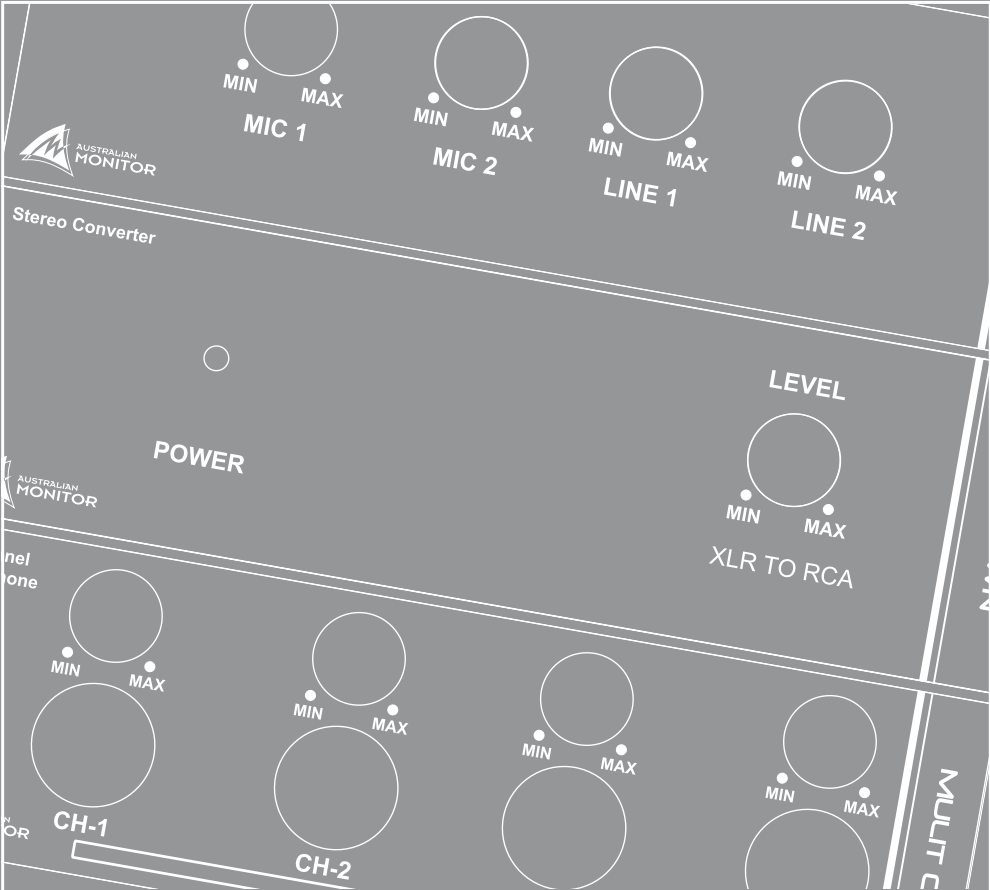


AUDIO CONTRACTOR TOOLS

INSTALLATION AND OPERATION MANUAL



LET'S SPLIT (L) LET'S SPLIT (M) GET DOWN
 GET UP DROP ME MULTI CAN JUICED UP
 PRE ME BUZZ OFF MIXED UP THE INJECTOR



IMPORTANT SAFETY INFORMATION



1. Save the carton and packing material even if the equipment has arrived in good condition. Should you ever need to ship the unit, use only the original factory packing.
2. Read all documentation before operating your equipment. Retain all documentation for future reference.
3. Follow all instructions printed on unit chassis for proper operation.
4. Do not spill water or other liquids into or on the unit, or operate the unit while standing in liquid.
5. Make sure power outlets conform to the power requirements listed on the back of the unit.
6. Do not use the unit if the electrical power cord is frayed or broken. The power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.
7. Always operate the unit with the AC ground wire connected to the electrical system ground. Precautions should be taken so that the means of grounding of a piece of equipment is not defeated.
8. Mains voltage must be correct and the same as that printed on the rear of the unit. Damage caused by connection to improper AC voltage is not covered by any warranty.
9. Have gain controls on amplifiers turned down during power-up to prevent speaker damage if there are high signal levels at the inputs.
10. Power down & disconnect units from mains voltage before making connections.
11. Never hold a power switch in the "ON" position if it won't stay there itself!
12. Do not use the unit near stoves, heat registers, radiators, or other heat producing devices.
13. Do not block fan intake or exhaust ports. Do not operate equipment on a surface or in an environment which may impede the normal flow of air around the unit, such as a bed, rug, weathersheet, carpet, or completely enclosed rack. If the unit is used in an extremely dusty or smoky environment, the unit should be periodically "blown free" of foreign matter.
14. Do not remove the cover. Removing the cover will expose you to potentially dangerous voltages. There are no user serviceable parts inside.
15. Do not drive the inputs with a signal level greater than that required to drive equipment to full output.
16. Do not connect the inputs / outputs of amplifiers or consoles to any other voltage source, such as a battery, mains source, or power supply, regardless of whether the amplifier or console is turned on or off.
17. Do not run the output of any amplifier channel back into another channel's input. Do not parallel- or series-connect an amplifier output with any other amplifier output. Australian Monitor Inc is not responsible for damage to loudspeakers for any reason.
18. Do not ground any red ("hot") terminal. Never connect a "hot" (red) output to ground or to another "hot" (red) output!
19. Non-use periods. The power cord of equipment should be unplugged from the outlet when left unused for a long period of time.
20. Service Information Equipment should be serviced by qualified service personnel when:
 - A. The power supply cord or the plug has been damaged.
 - B. Objects have fallen, or liquid has been spilled into the equipment
 - C. The equipment has been exposed to rain
 - D. The equipment does not appear to operate normally, or exhibits a marked change in performance
 - E. The equipment has been dropped, or the enclosure damaged.


INTRODUCTION AND CONTENTS

AUDIO CONTRACTOR TOOLS

Since their introduction the AMIS contractor tool range has proved immensely popular with AV installers all around the world. The entire range of audio contractor tools has been redesigned & expanded to provide even more useful solutions for audio contractors the world over. **NOW RACKMOUNTABLE** (Up to three audio contractor tools per 1RU shelf)

INTRODUCTION	3
LET'S SPLIT (L) & LET'S SPLIT (M)	4
GET DOWN & GET UP	5
DROP ME & MULTI CAN	6
JUICED UP & BUZZ OFF	7
PRE ME	8
MIXED UP & THE INJECTOR	9
SPECIFICATIONS	10

AUS, EUR, USA
REV A: Mar 2007

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
<p>CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK), NO USER SERVICEABLE PARTS INSIDE, REFER SERVICING TO QUALIFIED SERVICE PERSONAL.</p>		



This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user to the presence of important operational and maintenance (servicing) instructions in the literature accompanying the appliance.

Caution: To prevent electric shock do not use this (polarised) plug with an extension cord, receptacle or other outlet unless the blades can be fully inserted to prevent blade exposure. To prevent electric shock, match wide blade of plug to wide slot, fully insert.

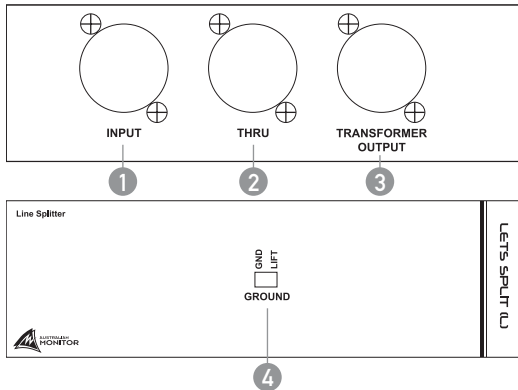
WARNING!

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK
DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

LET'S SPLIT (L) & LET'S SPLIT (M)

LINE SPLITTER

The LETS SPLIT (L) is a balanced line level splitter with a balanced XLR line level input which provides both a transformer balanced XLR output & a thru (direct) XLR output of the input signal. The LETS SPLIT (L) also provides a ground lift switch to eliminate ground loop hum.



1 BALANCED XLR INPUT CONNECTOR

2 BALANCED XLR THRU OUTPUT CONNECTOR

Parallel to input

3 BALANCED XLR OUTPUT CONNECTOR

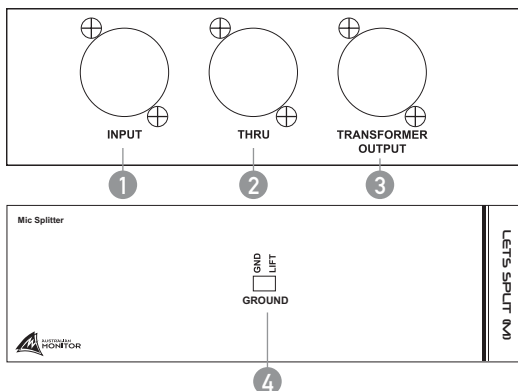
Transformer isolated

4 GROUND LIFT SWITCH

Pin1 lift on transformer isolated XLR output Set to "GND" to connect pin 1 of output XLR connector to pin 1 of input XLR connectors. Set to "Lift" to disconnect pin1 output XLR connector

LINE SPLITTER

The AMIS LETS SPLIT (M) is a balanced microphone level splitter with a balanced XLR microphone level input which provides both a transformer balanced XLR output & a thru (direct) XLR output of the input signal. The LETS SPLIT (M) also provides a ground lift switch to eliminate ground loop hum.



1 BALANCED XLR INPUT CONNECTOR

2 BALANCED XLR THRU OUTPUT CONNECTOR

Parallel to input

3 BALANCED XLR OUTPUT CONNECTOR

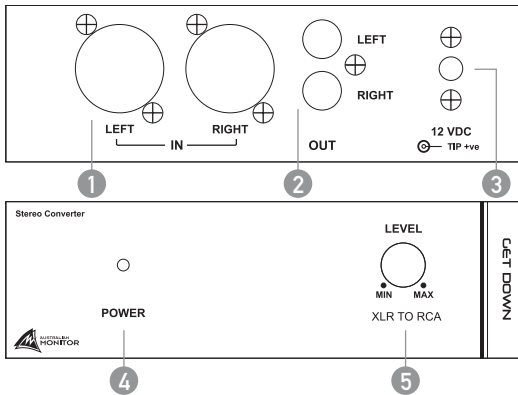
Transformer isolated

4 GROUND LIFT SWITCH

Pin1 lift on transformer isolated XLR output Set to "GND" to connect pin 1 of output XLR connector to pin 1 of input XLR connectors. Set to "Lift" to disconnect pin1 output XLR connector

STEREO CONVERTER

The AMIS GET DOWN stereo converter converts a professional line level balanced audio signal to an unbalanced domestic level signal. Inputs are balanced XLRs & outputs are stereo RCA connectors. The GET DOWN also features a front panel level control for achieving the optimal output level.



1 STEREO BALANCED LINE LEVEL

XLR input connectors

2 STEREO UNBALANCED LINE LEVEL

RCA output connectors

3 POWER INPUT CONNECTOR

12VDC Centre +ve

4 POWER LED INDICATOR

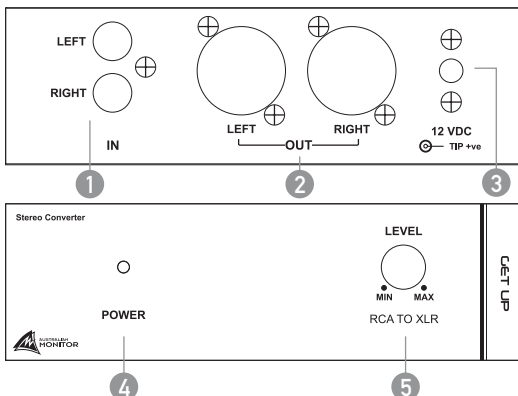
Illuminated = On

5 LEVEL CONTROL

Adjusts the level of the audio signal on the stereo unbalanced RCA output connectors

STEREO CONVERTER

The AMIS GET UP stereo converter converts an unbalanced domestic level signal to a professional line level balanced audio signal. Inputs are stereo RCA connectors & outputs are balanced XLR's. The GET UP also features a front panel level control for achieving the optimal output level.



1 STEREO UNBALANCED LINE LEVEL

RCA input connectors

2 STEREO BALANCED LINE LEVEL

XLR output connectors

3 POWER INPUT CONNECTOR

12VDC Centre +ve

4 POWER LED INDICATOR

Illuminated = On

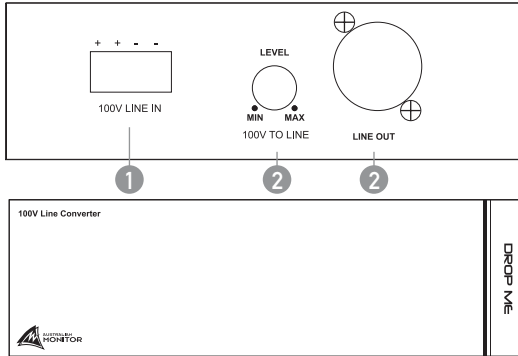
5 LEVEL CONTROL

Adjusts the level of the audio signal on the stereo balanced XLR output connectors

DROP ME & MULTI CAN

100 VOLT LINE CONVERTER

The AMIS DROP ME allows you to convert a 100 volt line amplifier speaker output signal to a balanced line level signal. The 100 volt line signal input is via phoenix connector & the output is balanced XLR. The DROP ME also features a rear panel level control for achieving the optimal output level.



1 100V SPEAKER LINE INPUT

WECO connector with parallel output

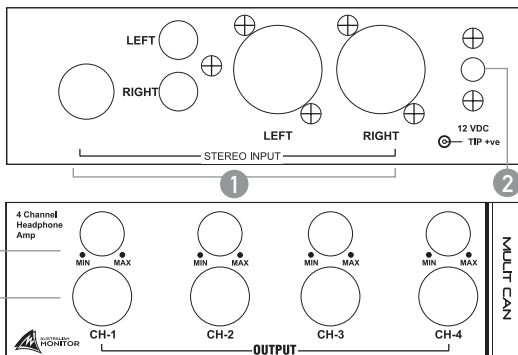
2 LEVEL CONTROL

Adjusts the level of the audio signal on the XLR output connector

3 BALANCED LINE LEVEL XLR OUTPUT CONNECTOR

4 CHANNEL HEADPHONE AMPLIFIER

The AMIS MULTI CAN is a compact yet high quality 4 channel headphone amplifier, featuring 6.35mm TRS, dual RCA & dual XLR stereo inputs & 6.35mm TRS headphone outputs. The MULTI CAN also offers individual output level controls per channel.



1 STEREO LINE LEVEL INPUT CONNECTORS

In parallel (6.35mm TRS stereo jack, stereo RCA connectors, stereo XLR connectors) All four headphone amplifiers share the same common stereo input

2 POWER INPUT CONNECTOR

12VDC Centre +ve

3 FOUR LEVEL CONTROLS

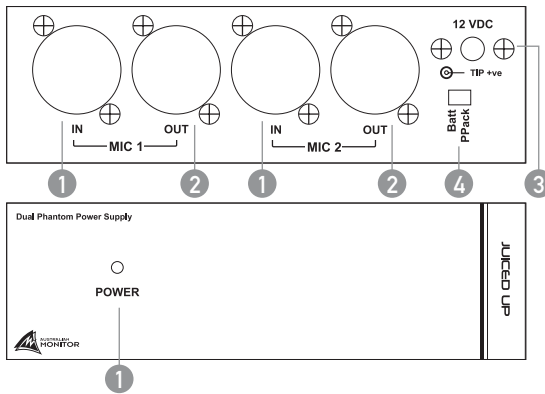
Adjusts the level of the audio signal of the headphone jack directly below

4 FOUR STEREO HEADPHONE CONNECTORS

6.35mm stereo sockets

DUAL PHANTOM POWER SUPPLY

The AMIS JUICED UP is a 2 channel phantom power supply that features balanced XLR inputs & outputs per channel. The JUICED UP can operate via the supplied external power supply or via two on board 9 volt batteries, selectable via a rear panel slider switch. The Juiced up will supply 12VDC phantom power via battery power & 42VDC off external power supply



1 BALANCED XLR INPUT CONNECTOR

1 per channel

2 BALANCED XLR OUTPUT CONNECTOR

1 per channel

3 POWER INPUT CONNECTOR

12VDC Centre +ve

4 POWER SOURCE SELECTION SWITCH.

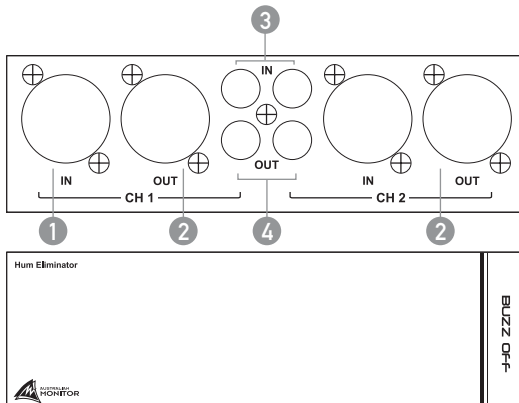
Set to "Batt" to run off 2x 9V internal batteries (12VDC phantom power output). Set to "PPack" to run off an external 12VDC (centre +ve) plug pack (42VDC phantom power output). Set to "PPack" when not in use to prolong internal battery life.

5 POWER LED INDICATOR

Illuminated = On

DUAL CHANNEL HUM ELIMINATOR

The AMIS BUZZ OFF is a two channel hum eliminator featuring both balanced XLR inputs & outputs & unbalanced RCA inputs & outputs per channel. The BUZZ OFF is ideal for getting rid of hum & extraneous noise from long cable runs.



1 BALANCED XLR INPUT CONNECTOR

1 per channel

2 BALANCED XLR TRANSFORMER ISOLATED OUTPUT CONNECTOR

1 per channel

3 UNBALANCED RCA INPUT CONNECTOR

In parallel to XLR input connector, 1 per channel

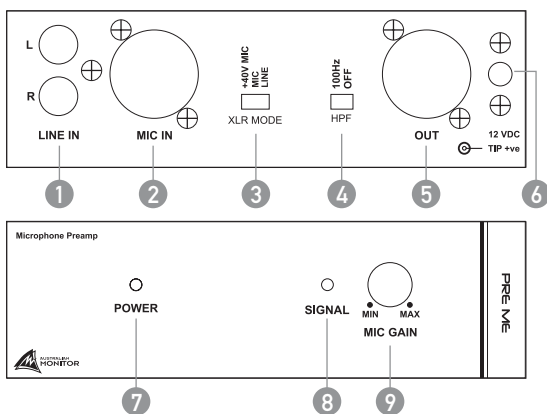
4 UNBALANCED RCA TRANSFORMER ISOLATED OUTPUT CONNECTOR

In parallel to XLR output connector, 1 per channel

PRE ME

MICROPHONE PRE AMPLIFIER

The AMIS PRE ME is a compact yet highly featured microphone pre amplifier. The PRE ME features dual RCA line input & a balanced XLR input switchable between microphone & line level. The PRE ME also offers +40VDC phantom power, switchable High pass filter (rolling off at dB per octave at 100 Hz & balanced XLR output. A front panel gain control & dual colour signal present LED are also offered for ease of setup & operation



1 STEREO UNBALANCED LINE LEVEL

RCA input connectors (mono summed)

2 BALANCED MICROPHONE/LINE LEVEL

XLR input connector

3 XLR INPUT CONNECTOR MODE SWITCH.

Set to "+40V MIC" to set the XLR input connector sensitivity to microphone level with phantom power enabled. Set to "MIC" to set the XLR input connector sensitivity to microphone level. Set to "LINE" to set the XLR input connector sensitivity to line level

4 HIGH PASS FILTER SWITCH.

Set to "100Hz" to enable the 100Hz high pass filter on all inputs. Set to "Off" to disable the high pass filter on all inputs.

5 BALANCED LINE LEVEL

XLR output connector

6 POWER INPUT CONNECTOR

12VDC Centre +ve

7 POWER LED INDICATOR

Illuminated = On

8 SIGNAL PRESENCE LED.

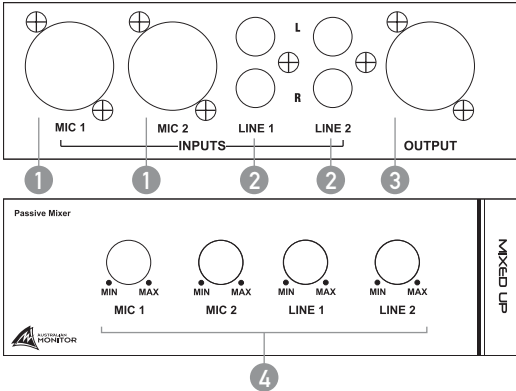
Illuminates green to indicate audio signal present on the output XLR connector. Illuminates red to indicate audio signal clipping (illuminates -6dB before clipping occurs)

9 LEVEL CONTROL

Adjusts the level of the audio signal on the XLR output connector

4 CHANNEL PASSIVE MIXER

The AMIS MIXED UP is a passive 4 channel mixer which features 2 balanced XLR microphone inputs & 2 dual RCA line inputs & a single microphone level balanced XLR output. The MIXED UP also offers individual front panel level controls per input.



- 1 BALANCED MICROPHONE LEVEL XLR INPUT CONNECTORS

2 off

- 2 UNBALANCED LINE LEVEL STEREO RCA INPUT CONNECTORS

2 off, mono summed

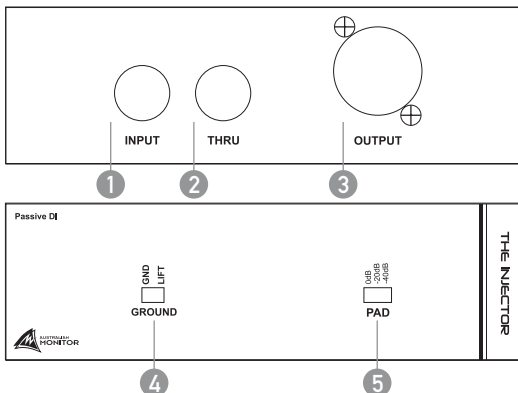
- 3 BALANCED MICROPHONE LEVEL XLR OUTPUT CONNECTOR

- 4 FOUR LEVEL CONTROLS

Adjusts the level of the audio signal of the respective source in the output mix

PASSIVE DI

The AMIS THE INJECTOR is a passive direct injection box which offers a 6.35mm input, 6.35mm thru output (direct) & a balanced XLR output. The INJECTOR also features ground lift switching for elimination of hum & a three stage pad offering up to 40dB of attenuation.



- 1 UNBALANCED LINE LEVEL

6.35mm jack socket input connector

- 2 UNBALANCED LINE LEVEL

6.35mm jack socket output connector (in parallel with jack input connector)

- 3 BALANCED LINE LEVEL XLR OUTPUT CONNECTOR

- 4 GROUND LIFT SWITCH

Pin 1 lift on transformer isolated XLR output. Set to "GND" to connect pin 1 of output XLR connector to pin 1 of input XLR connectors. Set to "Lift" to disconnect pin 1 output XLR connector

- 5 PAD SWITCH.

Set to "0dB" to allow the audio signal to not be attenuated. Set to "-20dB" to reduce the signal level on the XLR output connector by 20dB. Set to "-40dB" to reduce the signal level on the XLR output connector by 40dB.

SPECIFICATIONS

ALL AUDIO CONTRACTOR TOOLS DIMENSIONS

WEIGHT

1KG

SHIPPING DIMENSIONS

300X200X100MM

SHIPPING WEIGHT

2KG

LETS SPLIT(L)

Frequency Response	10Hz - 60kHz
THD	<0.005%
Output impedance	110 Ohms
Max Input at 1kHz	>+30dBu
Max Input at 50Hz	>+4dBu

LETS SPLIT(M)

Frequency Response	10Hz - 60kHz
THD	<0.005%
Output impedance	110 Ohms
Max Input at 1kHz	>+30dBu
Max Input at 50Hz	>+4dBu

GET DOWN

Frequency Response	10Hz - 100kHz
THD	<0.005%
Noise + Hum	<-85dBu
Max Input	+22dBu
Stereo seperation	-68dB

GET UP

Frequency Response	35Hz - 80kHz
THD	<0.02%
Noise + Hum	<-74dBu
Max Input	+30dBu
Stereo seperation	-52dB

DROP ME

Frequency Response	10Hz - 60kHz
THD	<0.005%

MULTI CAN

Frequency Response	10Hz - 29kHz
THD	<0.03%
Output impedance	50 Ohms
Max Output Power	7.5mW
Noise + Hum	-91dBu
Stereo seperation	-63dB

JUICED UP

Frequency Response	50Hz - 77kHz
THD	<0.07%

PRE ME

Frequency Response	80Hz - 30kHz
THD	<0.3%
Noise + Hum	<-86dBu
Mic Max Input	-10dBu
Line Max Input	+16dBu
RCA Max Input	+24dBu
Phantom Power	40V
Mic Gain	+39dB
Line Gain	+12dB
RCA Gain	+4.5dB
Max Out	+8dBu
Output Impedance	200 Ohms
Mic Input impedance	1k5 Ohms
Line Input Impedance	27k5 Ohms
RCA Input Impedance	29k Ohms

HUM ELIMINATOR

Frequency Response	10Hz - 80kHz
THD	<0.006%
Output impedance	750 Ohms
Max Input at 1kHz	>+30dBu
Max Input at 50Hz	>+20dBu

MIXED UP

Frequency Response	10Hz - 60kHz
THD	<0.005%

THE INJECTOR

Frequency Response	13Hz - 44kHz
THD	<0.07% at +30dBu
Output impedance	250 Ohms

AUSTRALIA AND NEW ZEALAND

www.australianmonitor.com.au

SYDNEY

(NSW & ACT SALES)

1 Clyde Street
Silverwater
NSW 2128
Private Bag 149
Silverwater NSW 1811
Phone: (02) 9647 1411
Fax: (02) 9648 3698
Email:
nsw@audiotelex.com.au

MELBOURNE

(VIC & TAS SALES)

22/277
Middleborough Road
Box Hill VIC 3128
PO Box 151 Blackburn
South VIC 3130
Phone: (03) 9890 7477
Fax: (03) 9890 7977
Email:
vic@audiotelex.com.au

BRISBANE

(QLD SALES)

42 Commercial Road
Fortitude Valley
QLD 4006
PO Box 871 Fortitude
Valley QLD 4006
Phone: (07) 3852 1312
Fax: (07) 3252 1237
Email:
qld@audiotelex.com.au

ADELAIDE

(SA & NT SALES)

31 Walsh Street
Thebarton
SA 5031
PO Box 157
Hindmarsh SA 5007
Phone: (08) 8352 4444
Fax: (08) 8352 4488
Email:
sa@audiotelex.com.au

PERTH

(WA SALES)

3/11 Howe Street
Osborne Park WA 6017
PO Box 1281
Osborne Park
BC WA 6916
Phone: (08) 9204 0200
Fax: (08) 9244 3738
Email:
wa@audiotelex.com.au

AUCKLAND

(NZ SALES)

9C Piermark Drive
Albany 0752
New Zealand
PO Box 300-512
Albany 0752
Phone: (09) 415 9426
Fax: (09) 415 9864
Email:
sales@audiotelex.co.nz

EUROPE / ASIA / MIDDLE EAST

www.australianmonitor.com.au

INTERNATIONAL SALES

1 Clyde Street Silverwater NSW 2128 Australia
Private Bag 149 Silverwater NSW 1811
Phone: (02) 9647 1411
Fax: (02) 9648 3698
Email: international@audiotelex.com.au