

DI Pre Specifications

Mic Input Impedance	2 K Ohms Balanced
Phantom Power Voltage	Switchable on XLR Pins 2 and 3
Input Gain	+10 dB Minimum, variable to +60 dB Maximum
Pad Switch	-20 dB attenuation
Overload	Measured at all Gain points throughout the circuitry
Output Noise (Measured with Gain nominal 20 dB)	-90 dB Unweighted, -97 dB 'A' weighted

Frequency Response	20 - 20 KHz \pm 0.25 dB
Distortion (Measured with Mic Gain @ 20 dB)	100 Hz 0.0085%, 1 KHz 0.008%, 10 KHz 0.0083%

Input Connector Balanced 3 pin female XLR type. Wired Pin 1 Audio Ground, Pin 2 + Hot, Pin 3 - Cold

Output Connector Insulated Tip Ring Sleeve balanced jack

Construction All-steel powdercoated chassis, fibreglass PCB

The DI Pre Duo (Dual channel model) has identical specifications for each channel

Using your Audibox

The DI Pre is a Single or Dual Channel Microphone Pre amplifier. It is a self contained, stand alone single or dual channel unit designed to bring the ultra low signal level of a microphone up to Line level. It has many

applications for Live Sound, Studio or Broadcast use.

Operating instructions

Connect the microphone to the balanced XLR Input of the DI Pre, and connect a cable from the Output jack to the Line Input jack of whatever you

Did you know...

As well as the **DI Pre**, ARX manufacture other products in the unique Audibox range:

The **ISO-Balancer** for balancing unbalanced signals, and also the **ISO De-Balancer**, which will de-balance a signal when required to connect to an unbalanced input.

The **ISO-Later** is a Dual channel Unbalanced to Balanced Low Impedance transformer isolated converter, and the **ISO Splitter** is a transformer isolated 1 input to 2 outputs splitter for splitting 1 input 2 ways in applications where complete Galvanic isolation is required.

Both available in Single Channel or Double Header format.

The **Ear Driver** is a Headphone Amplifier with 2 pairs of Stereo inputs each feeding two channels of headphone level outputs. It has individual Level controls plus a 12 - 15VDC power connector. A compact, flexible unit

The **AV-DI** is a Stereo AudioVisual Active Direct box, with dual RCA or stereo mini jack input and dual XLR outputs. Ideal for interfacing consumer audio (especially compu-

ter sound cards) with professional systems.

Other **AV-DI** features include full-time soft audio ground, -20dB Pad, plus Phantom or DC power options.

Available in Dual Channel format only

The **Pro DI** is an ultra compact Active Direct box, with normal High Impedance input as well as a separate speaker level input for connection to instrument amplifiers.

Other features include -20dB Pad and Audio Ground Lift switches, plus Phantom or DC power options.

Available in Single Channel or Double Header format

For the latest information on the complete Audibox range, visit our website:

www.arx.com.au/audibox.htm

are bringing the signal into. If you have a condenser mic needing Phantom power, press the phantom switch IN. If it is a dynamic Mic, then don't. If you are unsure of what type you have, here's the rule: ***If it works OK without Phantom power, then it's a dynamic microphone***

Set the DI Pre Input Gain at 20 - 30 dB as a starting point, then try the traditional sound engineer's "Check 1 - 2" into the microphone, and watch the Clip LED on the front of the DI Pre. If it lights up, reduce the Input Gain. If the levels are still too high, then push the 20dB Pad switch In on the front panel. You may have to bring the Gain back up a little to compensate for this. It's a matter of trial and error initially, until you are used to the interaction between the DI Pre, microphone, and the Line input the DI Pre is plugged into.

Different microphones will require different Input Gain settings, as will singers with louder and softer voices, and louder and softer instruments. It's a good idea to create a list of different settings that you can refer back to when you need to.

Power Requirements

The DI Pre is an active device, *ie.* it needs power to run. This power can be supplied an External 12 - 15 V DC power:

The DI Pre has a DC input connector for running the unit on an external 12 - 15 V DC power supply. Any 12V DC wall connector capable of supplying 200 mAmps will work, although for greatest headroom we recommend the Audibox PSU which can supply 15 V DC to multiple Audibox devices.

Note the wiring of the connector: the outer sleeve is -, the inner is +.

INTERNATIONAL LIFETIME WARRANTY

ARX Systems (ARX) warrants to the first purchaser of this Audibox product that it is free from defects in materials and workmanship under normal use and service. ARX's sole obligation under this warranty shall be to provide, without charge, parts and labour necessary to remedy defects, if any, which appear within twelve (12) months from date of purchase; and to supply parts only for the life of the product to the original purchaser. ARX shall not be responsible for parts that have been discontinued by the original manufacturer

This is our only warranty. It does not cover finish or appearance items, nor does it apply if the Audibox has been, in ARX's sole judgement:

- Subjected to misuse, abuse, negligence or accident;
- Repaired, worked on, or altered by persons not authorized by ARX,
- Connected, installed, adjusted or used otherwise than in accordance with the instructions supplied by ARX.

This warranty gives you and us specific legal rights, and you may also have other rights which can vary from state to state.

To obtain warranty service for your Audibox, call, write, or Email to ARX or the dealer you purchased it from. They will give you the correct address to send your unit to. Have your sales receipt showing date of purchase handy, and include a copy of it with your Audibox. Please pack the unit well - we are not responsible for any damage caused by unsuitable packing during shipment. Send the unit to us pre-paid, by a delivery service like FedEx, UPS, or any other service that can track the shipment. We will return it to you freight paid. If you have any questions, or any part of this is unclear, please write to ARX Systems in the country of purchase, or to the address below.

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You can Email the factory at: info@arx.com.au

Owner's Manual



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Thank you for choosing this Audibox product from ARX. We hope you enjoy using this unique product as much as we enjoyed creating it.

As with all ARX equipment, it has undergone extensive factory testing and 'burn in' before shipping.

To ensure continued trouble free use, please familiarise yourself with the contents of this manual before using.

All models in the Audibox range feature the same heavy duty all-steel chassis finished in attractive matt blue textured powdercoat, with hard-wearing epoxy screen printing and large slip resistant rubber foot pads.

By their very nature these units are compact and portable; to protect your investment we've added numerous security features including a slot for computer lock, and the option of a permanent table mounting kit.

A rack mount kit is also available to rack up to 3 units plus power supply in 1 RU

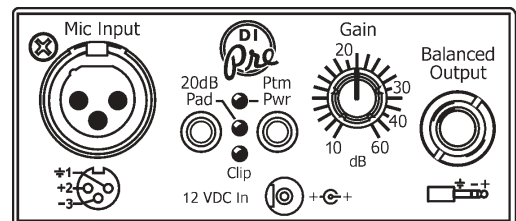


The Pro-DI

Ultra compact Microphone Pre amp with XLR input, balanced jack output and 10 to 60dB Gain control.

Other features include -20dB Pad switch, Clip LED and Phantom Power switch, plus DC power connector.

Available in Single Channel or Double Header format



Connections and Controls:

Balanced XLR Microphone Input. -20 dB Pad switch and indicator LED, Phantom Power Switch and indicator LED illuminates when the unit is providing Phantom Power. The Clip LED will light up when the signal level is too high.

There is also a Gain control from 10 to 60dB, a balanced Tip Ring Sleeve Output jack, and a 12 - 15 V DC power connector for connecting to an external power supply

