

## Specifications

### Ear Driver

<b>Inputs</b>	44 K Ohms Balanced 22 K Ohms Unbalanced
<b>Stereo Headphone Outputs</b>	1 watt @ 8 ohms max.
<b>Frequency Response</b>	20 Hz - 20 KHz ± .5dB
<b>Distortion</b>	Max .1% prior to clipping.
<b>Input Connectors</b>	Insulated Left and Right jacks.  Inserting 1/4" jack into Left Input only will mono all Outputs  Inputs 1 and 2 will loop through to all outputs unless Input jacks are inserted into Inputs 3 and 4
<b>Output Connectors</b>	Insulated Tip-Ring-Sleeve jack. Wired Tip - Left out, Ring - Right out, Sleeve - Ground / Earth
<b>Construction</b>	All-steel powdercoated chassis, fibre-glass PCB

#### Did you know...

As well as the **Ear Driver**, 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 **AV-DI** is a stereo AudioVisual Active Direct box, with dual RCA and stereo mini jack inputs plus dual XLR outputs. Ideal for interfacing consumer audio (especially computer sound cards) with professional systems.

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

The **DI-Pre** is an 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

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

[www.arx.com.au/audibox.htm](http://www.arx.com.au/audibox.htm)

## Using your Audibox

The EarDriver is a compact Headphone Amplifier. It is a self-contained, stand alone unit capable of running one stereo signal to 4 outputs, or two stereo signals to 2 outputs. Each Output is a standard Tip Ring Sleeve headphone jack with its own Level control.

Inserting Left and Right Jacks into Channels 1 and 2 will automatically link them to inputs 3 and 4, unless you insert other jacks into inputs 3 and 4.

There is also a Minijack Input for Channels 1 and 2, and another for Channels 3 and 4.

The EarDriver has many applications for Live Sound, Studio or Broadcast use.

#### Typical input types are:

- Any line level signal - mixing consoles, MP3 players, laptop computer sound cards, CD players, audio from DVD players, cassette decks, tape decks, VCR audio and more

#### Operating instructions

**Input Connections** A stereo line level source plugs into the Left and Right Inputs for Channels 1 and 2.

Alternatively the Minijack input can be used.

**Output Connections** Connect one set of headphones into the Output 1 Headphone jack, and another into the the Output 2 jack if required. Adjust the Level controls for the required volume.

You can connect another 2 sets of headphones into Outputs 3 and 4 to run from the same Input signal as 1 and 2. If you want to use a different signal, insert jacks carrying that signal into the Left and Right Inputs (or the Minijack Input) for 3 and 4.

#### Power Requirements

The EarDriver is an active device, *ie.* it needs power to run. This power needs to be supplied by an External 12 - 15 V DC Power Supply

The EarDriver has a DC input connector for connecting 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.

This is our sole 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, DHL or any similar 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.

PO Box 15, Moorabbin, Victoria 3189, Australia. Phone: +61 (0)3 9555 7859 Fax: +61 (0)3 9555 6747

You can Email the factory at: [info@arx.com.au](mailto: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 hardwearing 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 a 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

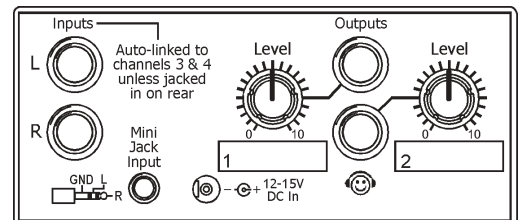
**The EarDriver**

Two stereo Input channels feed 4 separate Headphone Outputs with individual Level controls.

The earDriver can be set up as 2 in, 2 out, or 1 in, 4 out without the need for a patch cable. Inputs 1 and 2 automatically link to 3 and 4 unless separate jacks are inserted into Inputs 3 and 4.

Requires 12 - 15 V DC power supply to operate.

Double Header Dual Channel format only



**The EarDriver**

Connections and Controls:

2 pairs of Stereo inputs each feed two channels of headphone level outputs. Individual Level controls plus DC power connector. Minijack Inputs are also included for maximum flexibility



Available in Double Header format only; Channels 1 and 2 are AutoLinked into Channels 3 and 4 unless other inputs are jacked into 3 and 4. A compact, flexible unit with many applications.