

Ear Headphone

A m p l i f i e r

Ear Specification

Maximum output level into 32 ohm load 525 mW
Input sensitivity for maximum output into 32 ohm 331 mV
Input level for 250 mW into 32 ohm load 230 mV
Maximum output level into 600 ohm load 55 mW
Input sensitivity for maximum output input 600 ohm465mV
Input impedance..... 24K ohm
Gain 21.7dB
Power requirements 24V AC @ 240mA
Frequency response 20Hz to 35KHz - 1dB points
Recommended minimum load (normal operating conditions).....32Ω per channel

Power Supply Specifications

PS1 UK

Input.....230V ~ 50Hz 0.05A
Output.....24V ~ 300MA AC

PS1 EU (Euro 2 pin)

Input.....230V ~ 50Hz 0.05A
Output.....24V ~ 300MA AC

PS1 UL (American)

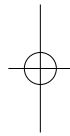
Input.....115V~60Hz
Output.....24V ~ 300MA AC

Method 4

Finally, you may use the Ear in between a pre-amplifier and power amplifier input. The Ear will amplify any signal fed to the Cursa pre-amplifier output and the link will feed the Maia/Exon power amplifiers. The volume control on the pre-amplifier will control the headphone level and the main speakers can be muted via the Ear.

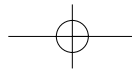
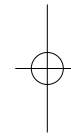
How?

Connect the two sockets on the back marked INPUT (Red = Right, Black = Left) to the pre-amplifier output sockets on the back of the Cursa pre-amplifier. The two sockets on the back marked LINK (Red = Right, Black = Left) are connected to the input sockets on the back of the power amplifier. The mute on the front panel of the ear will mute the signal to the speakers connected to the power amplifier. The volume control on the pre-amplifier and the volume control on the Ear will affect the volume level of the headphones. The best setting for the Ear volume control is where the level of the headphones is the same as that of the main speakers (the volume level on the Ear should be approximately 13:00 hours on the dial).



rega

Rega Research Limited., England



Method 3

Used in between the amplifier pre-amp output and power amplifier input - the Ear will amplify any signal fed to the pre-amplifier output sockets of the Mira and Luna amplifiers. The volume on the amplifier will control the headphone level and the main speakers can be muted via the Ear.

How?

Connect the two sockets on the back marked **INPUT** (Red = Right, Black = Left) to the pre-amplifier output sockets on the back of the main amplifier. The two sockets on the back marked **LINK** (Red = Right, Black = Left) are connected to the power amplifier input sockets on the back of the main amplifier. Remove the lid of the main amplifier and switch the pre-power sockets link switch (located at the back of the Mira and Luna amplifier) to OFF.

The mute on the front panel of the Ear will mute the signal to the speakers connected to the main amplifier. The volume control on the amplifier and the volume control on the Ear will affect the volume level of the headphones. The best setting for the Ear volume control is where the level of the headphones is the same as that of the main speakers (the volume level on the Ear should be approximately 13:00 hours on the dial).

Method 1

The Ear can act as a stand alone amplifier that will amplify any signal fed into the input sockets.

How?

Connect the two sockets on the back marked **INPUT** (Red = Right, Black = Left.) to the source output sockets (CD, Cassette, Tuner etc.) The sockets on the back marked **LINK** (Red = Right, Black = Left) could be used to feed the signal to another amplifier if required. The volume control on the Ear may be used to adjust the level of the headphones.

Method 2

Used in between the Tape output on the amplifier and the cassette or tape recorder. The Ear will amplify any signal fed to the tape output sockets. However, the volume control on the amplifier will not control the headphone level.

How?

Connect the two sockets on the back marked **INPUT** (Red = Right, Black = Left) to the amplifier tape output sockets. The two sockets on the back marked **LINK** (Red = Right, Black = Left) are connected to the Tape input (record) sockets on the cassette or tape recorder. The mute on the front panel will mute the signal to the cassette or tape recorder. The volume control on the amplifier will not affect the volume level of the headphones; use the volume control on the Ear to adjust the level of the headphones.