

IW30 / IW60

In-wall Stereo Amplifier

Item ref: 953.092UK, 953.094UK

User Manual



Version 1.0



Caution: Please read this manual carefully before operating
Damage caused by misuse is not covered by the warranty

Introduction

Thank you for choosing the Adastra IW30 / IW60 in-wall amplifier for your discreet audio installation. This unit is designed to power wall or ceiling mounted speakers from a stereo line input. Please read this manual to gain the best results from your product and avoid damage through misuse.

SAFETY SYMBOL AND MESSAGE CONVENTIONS



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

AVIS
RISQUE DE CHOC ELECTRIQUE NE PAS
OUVRIR



This symbol indicates that dangerous voltage constituting a risk of electric shock is present within this unit



This symbol indicates that there are important operating and maintenance instructions in the literature accompanying this unit.

Warning

To prevent the risk of fire or electric shock, do not expose any components to rain or moisture. If liquids are spilled on the casing, stop using immediately, allow unit to dry out and have checked by qualified personnel before further use. Avoid impact, extreme pressure or heavy vibration to the case.

No user serviceable parts inside – Do not open the case – refer all servicing to qualified service personnel.

Safety

- Check for correct mains voltage before connecting the power adaptor
- Use only the power adaptor provided or an identical replacement

Placement

- The amplifier can be installed in a ceiling or stud wall to power flush or surface mount speakers
- The amplifier unit can also be surface mounted if necessary
- Ensure adequate ventilation for cooling and keep away from combustible material or moisture

Cleaning

- Use a soft cloth with a neutral detergent to clean the housing as required
- Use a vacuum cleaner to clear apertures and controls of any dust or debris build-ups
- Do not use solvents for cleaning the unit

Connections



Installation

Locate the amplifier unit in the ceiling, wall or on the surface required. Tabs at each end of the housing can be used for securing with screws.

Connect speakers using the supplied wires or equivalent by connecting "+" and "-" on the speaker to the relevant connection on the amplifier unit. The speaker connections are via screw terminals on a Euroblock, which can be removed for easy access whilst making connections.

Important: Ensure that the load is no lower than 4Ω for each output.
(e.g. 2 x 4Ω speakers... or... 2 pairs of 8Ω speakers wired in parallel)
Ensure that the speakers can handle 15W from each output.

Connect the line level stereo input signal to the Euroblock terminals labelled "AUX IN" as shown on the Connections diagram above.

Left positive connection (Left+) should be connected to "L"
Right positive connection (Right+) should be connected to "R"
Both negative connections (Left- and Right-) should be connected to "G"
(G is the terminal for Ground connection – common for both Left and Right signals)

Likewise, the Aux input can be relayed to further amplifiers by connecting a line level output from the Euroblock terminals labelled "AUX OUT"

AUX IN and AUX OUT connections should be made using shielded stereo audio cable and not speaker cable.

Operation

When all connections are completed, make sure that the stereo input signal is turned down and power up the amplifier by plugging in the supplied power adaptor to the 12Vdc input from a 230Vac socket. Also power up any further amplifiers connected to the Aux output.

Gradually increase the input signal volume and check for output through the speakers. Take care not to overdrive the input by turning the input signal up too high, which may cause the sound to be distorted and subsequently cause damage to the speakers.

Power down the amplifier when not in use and isolate from the mains if not used for long periods of time.

Specifications

Output: rms @ 4Ω	IW30: 2 x 15W	IW60: 2 x 30W
Power supply	12Vdc, 2000mA (adaptor included)	
Minimum impedance	4Ω per output	
Speaker outputs	L-/L+/R-/R+ screw terminals (Euroblock)	
Auxiliary input	L/G/R screw terminals (Euroblock)	
Auxillary output	L/G/R screw terminals (Euroblock)	
Dimensions	124 x 40 x 27mm	
Weight	60g (excluding power adaptor)	



Disposal: The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.
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