

WPR-26MKII Speaker Level Router



WPR-26MKII Speaker Level Router **OPERATING MANUAL AND USER GUIDE**



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IMPORTANT WARNINGS & SAFETY INSTRUCTIONS

1. Read these instructions
2. Follow all instructions
3. Keep these instructions
4. Heed all warnings
5. Do not use this apparatus near water
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarised or grounding plug. A polarised plug has two blades with one wider than the other. A grounding plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart and apparatus combination to avoid injury from tip-over.



13. Unplug the apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way including but not limited to power supply cord or plug damage, liquid ingress, foreign objects in the chassis, exposure to rain/moisture or impact damage. In addition the unit must be serviced when you experience any abnormal operation.
15. CAUTION: These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not attempt to perform any servicing other than that contained in the operating instructions unless you are qualified to do so. In addition opening the casing will result in your warranty becoming null and void.
16. Do not install this apparatus in a confined space such as a book case or similar unit. Good ventilation should be maintained around the apparatus and any vents, air-inlets or fans should not be obstructed by objects such as paper, table-cloths, curtains etc.
17. WARNING: To reduce the risk of fire or electric shock, do not expose the apparatus to rain or moisture. The apparatus should not be exposed to dripping or splashing and objects filled with liquids, such as vases, should not be placed on the apparatus.


18. **WARNING:** The mains plug/appliance coupler is used as a disconnect device, the disconnect device shall remain readily operable.




19. This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

WARNING! To reduce the risk of electric shock, do not remove the cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

20.  (Protective earthing terminal) The apparatus should be connected to a mains socket outlet with a protective earthing connection.

21.  Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use local return and collection systems or contact the retailer where the product was purchased. They can take this product for safe environmentally friendly recycling.

INTRODUCTION

The WPR-26 MKII is a high quality remote controlled loudspeaker switching system that is suitable for loudspeaker and power amplifier comparison in retail and demonstration environments, a WPR-26 MKII helps create a perfect demo environment.

The WPR-26 MKII is a great upgrade to make loudspeaker demonstrations much more professional, 2 dual channel power amplifiers can be connected as sources and 6 pairs of passive loudspeakers can be connected as destinations. High power handling relays (1000W+) allow you to switch between sets of speakers without having to re-route signal cables.

A front panel display gives visual feedback from the WPR-26 MKII including which input is selected and which destination loudspeakers are active, there is also facility to mute all devices and use the left input channel only. The WPR-26 MKII is designed to allow only one active destination, to avoid overloading the source amplifier with low impedance loads.

An IR remote control allows a demonstrator or customer to effortlessly switch between amplifiers and loudspeakers while in an optimal listening position. The IR receiver has a 6m long cable that enables the equipment rack to be kept away from the demonstration area.

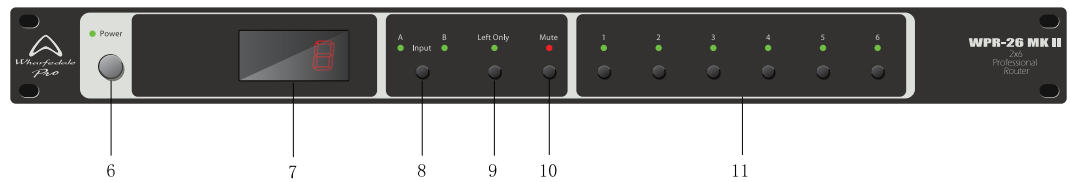
SETUP

1. Remove the WPR-26 MKII from the carton box, inspect the unit for shipping damage.
2. Connect a power amplifier to input A, take care to observe correct polarity and L/R connection. You can use binding post or banana plug style termination on all of the input and output connectors on the WPR-26 MKII.
3. If required connect a second power amplifier to input B, once again take care to ensure that the amplifier is connected with correct polarity and to the correct channel. You can use the front panel or IR controls to select the source amplifier.
4. Connect your loudspeakers to the output terminals on the rear of the WPR-26 MKII, again taking care with polarity and L/R connection. Up to 6 pairs of passive loudspeakers can be connected to a single WPR-26 MKII.
5. Ensure that the power switch is in the "off" position, then connect the IEC cable to the rear panel receptacle and the AC supply.
6. Switch the power switch to the "on" position.
7. Turn on the source amplifiers as per the manufacturers operating instructions, take care to lower the input trim or volume controls to avoid damage to the connected speakers.
8. Switch between amplifiers and loudspeakers using the front panel controls or the IR transmitter, you can use the mute button to block signal if your demonstration requires. The left only button will block the right channel from the power amplifier.

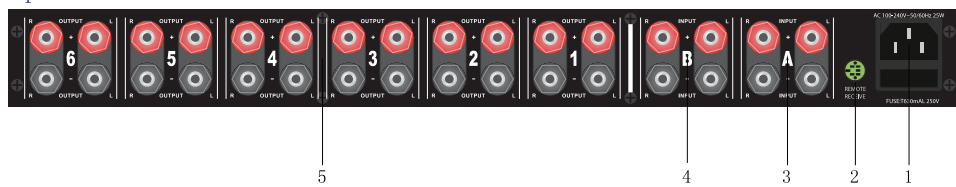
FRONT AND REAR PANEL

1. IEC receptacle for AC input
2. IR receiver input connector
3. Power amplifier "A" input terminals
4. Power amplifier "B" input terminals
5. Loudspeaker output terminals
6. Power switch
7. LED display
8. Power amplifier selector
9. LEFT ONLY switch
10. MUTE switch
11. Loudspeaker selector switches

Faceplate

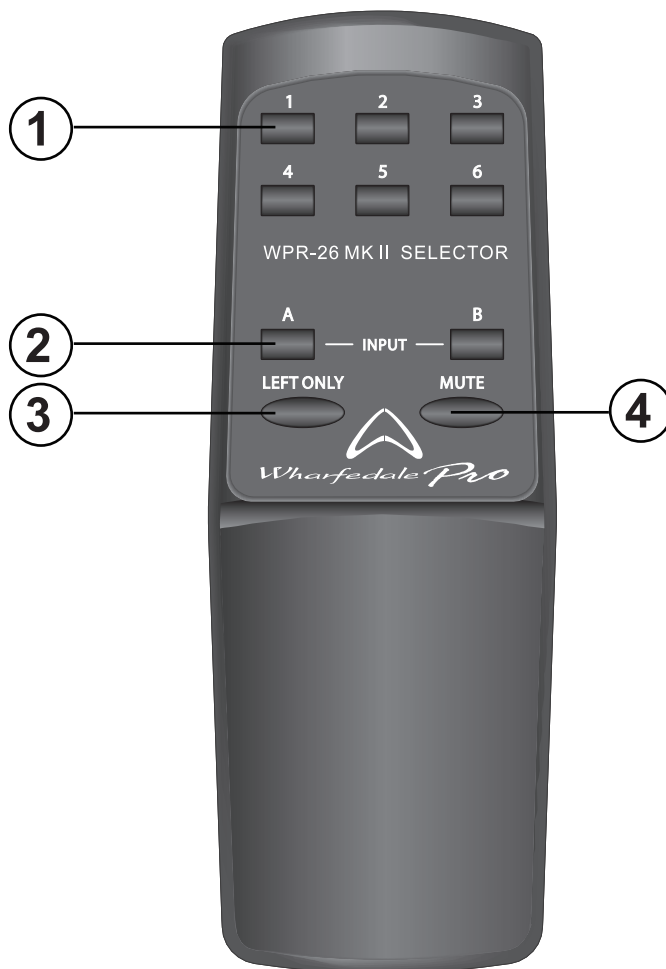


Backplate

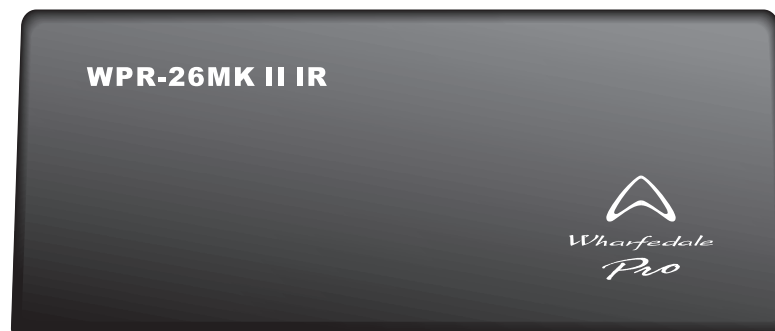


IR REMOTE CONTROL

1. Loudspeaker selector switches
2. Power amplifier selector
3. LEFT ONLY switch
4. MUTE switch



WPR-26 MKII IR



In an effort to help create the perfect pro-audio demonstration environment the WPR-26 MKII IR receiver can be connected with the supplied 6m cable. This allows the equipment rack to be hidden out of sight, the IR receiver can be located in a convenient location to allow the demonstrator or customer to effortlessly switch between amplifiers and loudspeakers using the IR transmitter.

IR specification

1. IR reception angle: 75°
2. IR modulation frequency: 38kHz
3. Remote control range: 15m
4. IR Receiver cable length: 6m

[CONDITIONS FOR MEASUREMENTS]

MODEL : WPR-26 MKII POWER SUPPLY : AC100V~240V
 INPUT : 1KHz FOR AMP OUTPUT : MIN LOAD 4 OHM
 0 dBu=0.775V

NO	ITEM	INPUT CONDITIONS	NORMAL
1	Noise	INPUT A OR B @ 1 KHz	≤ -105 dBu
2	THD+N	INPUT A OR B @ 1 KHz	$\leq 0.01\%$
3	Frequency Response (20 Hz-20 KHz)	INPUT A OR B 0dB @1 KHz	± 0.01 dB
4	Separation @ 1KHz	INPUT A OR B @1 KHz	≥ 67 dB
5	MAX OperationCurrent	INPUT A OR B @ 1 KHz	≤ 15 A
6	Power Consumption	AC100-240~50/60Hz	≤ 10 W

WHARFEDALE PRO LIMITED WARRANTY

Wharfedale Pro WPR-26MKII products are warranted of manufacturing or material defects for a period of one year from the original date of purchase. In the event of malfunction, contact your authorized Wharfedale Pro dealer or distributor for information.

*Be aware that warranty details may differ from country to country. Contact your dealer or distributor for information. These terms do not infringe your statutory rights.



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