

MERIDIAN 205 USER MANUAL

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MERIDIAN MONO POWER AMPLIFIER 205

INSTRUCTION MANUAL

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1 **Unpacking**

The 205 product is packed in matched pairs. Serial Numbers may not be sequential but care should be taken to check that the supply voltage matches that shown on the rear of the product. In the pack you will find:

2 × 205 Amplifiers individually wrapped	
2 × Power cords (European Type Specification)	Part number J 21953
or (USA and Canada Type Specification)	Part number J 21954
1 × Instruction manual	

Signal Connection Cable is left to the discretion of your dealer depending upon the configuration of your system. We recommend cables of the highest quality to obtain the best performance from this product.

2 **Accessories**

The 205 has been designed to operate with any preamplifier or control unit but has been designed to match other items in the Meridian 200 Series such as the following:

- 201 Remote control preamplifier
- 204 FM Stereo Tuner
- 207 Compact Disc player

3 **Installation**

- 3.1 Do not attempt to connect the supply until you have checked that the unit is labelled with the correct voltage.
- 3.2 **DO NOT MAKE CONNECTIONS OR INSERT OR REMOVE PLUGS WHILE THE UNIT IS CONNECTED TO THE SUPPLY AND SWITCHED ON.**
- 3.3 Inside the front cover is a diagram of a typical installation. The design of the 205 allows it to be positioned adjacent to the loudspeaker or less ideally, the preamplifier.
- 3.4 The 205 generates heat during operation. It has been designed to lose the heat through the fins at the front of the product. Airflow across these fins should not be restricted. **DO NOT PLACE ANYTHING ON TOP OF THE CASE OR CONSTRICT AIR FLOW AROUND IT.** Choose a position where the amplifier is not in direct sunlight. It is not recommended to place any other hi-fi product on top of a power amplifier.
- 3.5 It is unnecessary to gain access to the inside of the product case for installation. No user serviceable parts are located inside.
- 3.6 Having selected an appropriate location for the product, ensure that the power connections to the units are of good quality, that is, connected direct to a wall supply and not through a string of interconnecting junction strips.
- 3.7 Care should be taken in selecting an appropriate quality cable for all audio connections and proper contact by good quality connectors is just as important. We advise you to consult your dealer for the most suitable cables.
- 3.8 Loudspeaker terminal posts are gold-plated brass. Polarisation can be checked with the red or black ring around the base of the terminal, ensure that your loudspeakers are 'in phase'; for instance, when the red terminal on each amplifier is connected to the positive loudspeaker output terminal on each loudspeaker.

4 **Operation**

- 4.1 The 205 contains a circuit which senses an incoming signal. The presence of such a signal causes the light to change from Green (Stand-by condition) to Red (Operation condition). When the unit is first turned on the lights usually show red. If you get one of each colour this will be resolved when the music signal starts and has no effect on sound quality.
- 4.2 The benefit of the Music sensing circuit is that the 205, once set up, will give years of trouble free service without the need to touch it.
- 4.3 The 205 does not have fuses to protect the loudspeaker but uses a power circuit breaker. Should a fault trigger this protection circuit, the black button will jump out rearwards and the light on the front of the amplifier will go out. **BEFORE ATTEMPTING TO REPRESS THE BUTTON, CHECK THAT THE CAUSE OF THE PROBLEM IS KNOWN.** It may be necessary to wait a couple of minutes before resetting the button. This protection may be triggered by a number of reasons such as inbuilt thermal protection, DC fault, inadvertent shorting of the cables, lightning etc. The use of this technique avoids the need to put a fuse in circuit with the output. Such fuses degrade signal quality.

5 **Maintenance**

- 5.1 The case of the 205 is finished in powder coated epoxy. A wipe with a barely damp cloth is all that should be necessary to remove finger marks. **ALWAYS SWITCH OFF THE UNIT BEFORE USING A DAMP CLOTH.** For more difficult marks methylated spirit may be used as a degreasant. The front heatsink is finished in black anodised film and can be treated as above.
- 5.2 To ensure perfect connection it is good practice to remove and reconnect all audio plugs and sockets annually. Always switch the system off before breaking any connections. No other maintenance should be required.

6 **Help**

6.1 In the event that no sounds can be heard check the following:

Is the Power connected to both units, is the light on?

Has one or both of the units been triggered? Check the circuit breaker.

Have you connected the supply, audio signal and loudspeakers?

Check another input for a signal, have you connected the preamplifier?

If all the above are in order swap over one 205 for the other to see if there is a channel fault.

7 **Service**

There are no user serviceable parts inside the 205. Should the unit need service, return it in the original packing to your dealer who has the information to deal with the problem. If in further difficulty contact:

BOOTHROYD STUART LTD
13 Clifton Road
Huntingdon
Cambridge PE18 7EJ
England

Products outside the UK should be sent to the distributor for the territory. A list is available from the above address in case of difficulty. Owners are responsible for their products during transit to us or our agents.

ONLY SEND PRODUCTS IN THE ORIGINAL PACKING AND TRY TO INCLUDE A NOTE OF THE PROBLEM. THIS CAN SPEED ITS RETURN.

8 **Guarantee**

The product is guaranteed against defects in material and workmanship for 12 months from the date of purchase. This guarantee is void if the product has been subjected to misuse, accident or negligence, or has been modified in any way without our written authorisation. Attempted service work by unqualified people may result in loss of guarantee.

Labour and carriage charges are not covered unless by local agreement.

When seeking service under guarantee it is necessary to provide dated proof of purchase.

Outside the UK, local warranty is restricted to equipment purchased within the territory. Our agents abroad are only under contract to service under guarantee equipment sold by them. They are entitled to make reasonable, non-refundable charges for work on our products not supplied by them.

This guarantee does not limit your statutory rights within the UK.

Specifications

Output	100W into 8 ohms 170W into 4 ohm
Input	0dBm (775mV) over 12 kohms for 100W
Power Input	The 205 is manufactured in the following versions: 110, 110, 220, 240 volts Internal fuse rating and circuit breaker for each voltage band, check replacement value when servicing
Power Consumption	5-200 VA
Distortion	Less than 0.1% 20Hz-20kHz at all powers up to 100W typically less than 0.01% at 1kHz
Noise	Better than 90dB CCIR
Protection	Full electronic, DC and thermal protection
Switching	Power switch and electronic music sensing
Size (each)	100mm × 160mm × 350mm H × W × D 4.00ins × 6.30ins × 13.78ins
Weight	5 Kgs

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