

## MERIDIAN MODULAR TUNER.

### 1. INTRODUCTION

The MFM stereo tuner is designed to receive transmissions on the VHF-FM band only. The bands covered vary in different territories.

The tuner has six pre-settable stations which are selected with a single control knob.

### 2. UNPACKING

The tuner is supplied with the following accessories:-

Power pack	Part number
Audio connecting lead	Part number
Aerial [antennal] plug	Part number
Screwdriver for tuning	Part number

Please retain the packing and carton in case the tuner needs to be sent for service.

### 3. INSTALLATION

The tuner is designed as a free-standing unit. Ensure that it is not placed on top of heat-generating items such as power amplifiers or radiators and that it is not subject to strong sunlight.

### 4. CONNECTION

Three connections must be made to the tuner: The power supply, the audio output and the aerial [antennal] input.

Check that the power supply is set to operate at the correct voltage, and connect an appropriate plug to the short lead from the power supply.

Brown wire to the Live terminal  
Blue wire to the Neutral terminal  
Green wire to the Ground [earth] terminal

If your supply is two-wire, do NOT connect the green wire to either terminal, and ensure that the wire lies outside the body of the plug.

The power-in plug and the green grounding [earthing] plug from the power supply connect to the back of the tuner. If your supply is two-wire, do not connect the green plug.

The audio lead is terminated one end with a DIN plug to fit the 5-pin DIN socket at the back of the tuner. The other end has two RCA phono plugs which should be plugged into the RADIO input of your amplifier or pre-amplifier.

For use with the MERIDIAN MCA integrated amplifier or MERIDIAN MLP [MCLP] pre-amplifier, plug the phono plugs into and AUX [auxilliary] module.

For use with the Meridian 101, 101B, 101B-4 pre-amp or any other pre-amp having DIN sockets for radio, a suitable DIN to DIN lead is available; Part number

The aerial [antenna] plug provided should be fitted to a 75-ohm feeder from the aerial [antenna] and plugged into the back of the tuner.

Since the performance of the tuner is entirely dependent on the aerial [antenna], a proper FM aerial [antenna] should be provided. Consult your dealer on this point. Ribbon type aerials [antennas] and bits of wire in the room are inadequate.

## 5. OPERATION

The front of the tuner has only three controls, and in practice it is likely that you will only need to use one of these---the Station Selector.

To set up the tuner initially, the six pre-set stations have to be selected and tuned in. The list of transmission frequencies at the end may help.

Setting up.

To set Station 1, proceed as follows:-

Set the Station Selector to 1

Press the Tune button so that the third lamp is lit

Insert the supplied screwdriver into the slot below the right-hand front panel marked 1, and adjust this screw until the required frequency is indicated. The two tuning lamps [fourth and fifth] help the fine tuning. If the fourth lamp is lit, adjust the screwdriver clockwise. If the fifth lamp is lit, adjust the screwdriver anti-clockwise. When correctly tuned, neither of these lamps should be lit.

The other stations are selected similarly.

When tuning is completed, press the Tune button to extinguish the third lamp.

The stations can be selected, or the tuner switched to the Stand-by condition [0] with the Station Selector.

Note that the power to the tuner is normally left on all the time. Since the consumption is very low, and advantages accrue from leaving certain circuits powered, this is intentional, and the first [Stand-by] lamp indicates this condition. Some people prefer to disconnect electrical equipment when they leave their house unattended for a long period and no harm results from this sensible practice.

Mono reception.

On weak stations the tuner will automatically switch itself into the monaural mode. This is because the background noise and hiss is more significant on stereo, and becomes very obtrusive at extremely low signal levels. On fairly weak stations, where the tuner has not switched itself, some listeners may prefer a monaural result with less background to a hissy stereo, and this can be achieved by pressing the MONO button so that the second [Mono] lamp is lit.

In this condition the tuner will not perform in stereo.

If a transmission is in stereo and the received level is above a pre-set minimum, the sixth [stereo] lamp will be lit.

NOTE. When first powered up, the tuner state is random so that the second and/or third lamps may be lit. The tuner can be restored to normal operation by pressing MONO or TUNE buttons to extinguish these lamps.

#### SERVICE

There are no user-serviceable parts inside the tuner. Should the tuner require service, it should be returned pre-paid in the packing supplied to

Boothroyd Stuart Ltd.,  
13 Clifton Road,  
Industrial Estate  
HUNTINGDON  
Cambridgeshire,  
PE18 7EJ

Tuners outside the UK should be returned to the importing agent for the territory. A list of our agents abroad is available from the factory.

The owner is responsible for the tuner during transit to us or our agents.

## GUARANTEE

The tuner is guaranteed against defects in material and workmanship for 12 months from the date of purchase.

The guarantee is void if the tuner has been subjected to misuse, accident or negligence, or has been in any way modified without our written authorisation. Attempted servicing by unauthorised 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 produce dated proof of purchase.

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