

Cyrus Tuner

INTRODUCTION

Congratulations on your purchase of the Mission Cyrus Tuner.

This section contains installation and operating instructions to enable you to connect up and operate your Tuner correctly.

WARNINGS

Your Cyrus Tuner is factory set to operate from a fixed mains supply voltage. This voltage is indicated at the rear of the unit. Before connecting, check that this voltage is the same as your mains supply.

Do not make any connections to, or any disconnections from the Cyrus Tuner unless the volume control on your amplifier is set to '0'.

Do not remove the cover.

Do not obstruct the ventilation grille on the top of the Cyrus Tuner. Ensure the unit has adequate all round ventilation.

Do not expose the tuner to excessive cold, heat, sunlight, humidity or water.

Do not use any chemicals when cleaning your tuner. Only a lightly dampened, soft cloth should be used.

Do not site near a source of heat, or in a position exposed to sunlight for long periods of time.

The original packing should be retained and always used when transporting the unit.

INSTALLATION

Mains Supply

A plate at the rear of your Cyrus Tuner shows the mains supply voltage and fuse rating for which the unit is set. If your mains supply voltage is different, or it is changed, contact your dealer or the Mission Service organisation for further information.

Your mains supply is connected into the Tuner via an IEC socket (15) with integral fuse. Before inserting the mains connector plug into the IEC socket, withdraw the fuse compartment and ensure that the correct rated fuse is fitted, as shown on the plate, for the set voltage. Note that the fuse compartment is fitted at the top of the IEC socket. To prevent the fuse from falling out when the fuse compartment is withdrawn, first turn your Tuner upside down and place on a flat surface.

Mains Cable

The three core cable (brown, blue, yellow/green) should be connected to the mains plug as indicated on the label attached to the lead.

Other leads, (export markets) have moulded mains plugs for direct connection to the outlet.

All leads have a moulded IEC plug which matches with the IEC socket (15) on your Tuner.

Mains Fuse

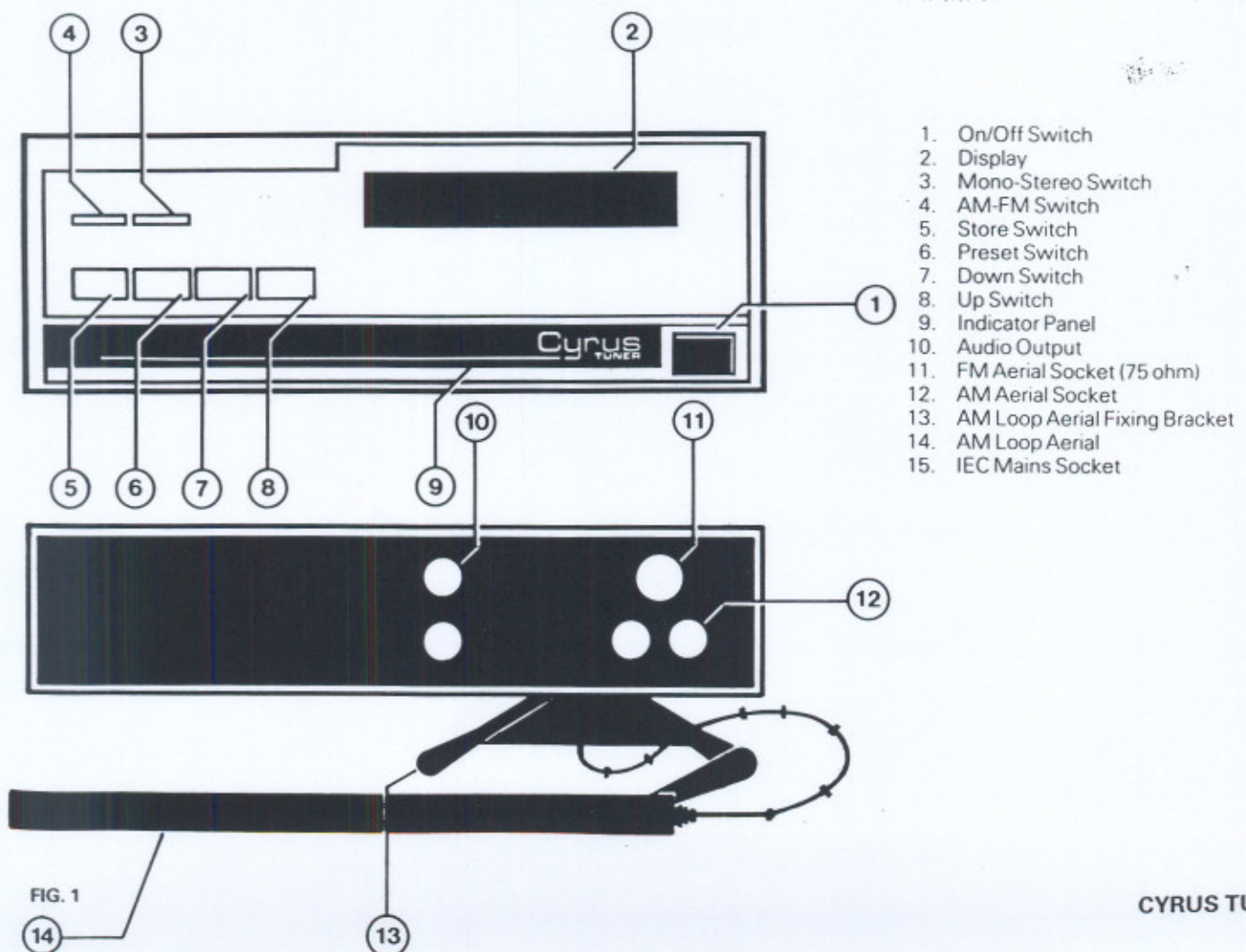
UK/Europe: - 220-240V 160mA Slow Blow 20mm

North America/Japan: - 120-100V 315mA Slow Blow 20mm

Before making any connections to your Tuner, ensure that the unit is switched Off and disconnected from the mains supply.

Refer to Fig. 1 for connection details.

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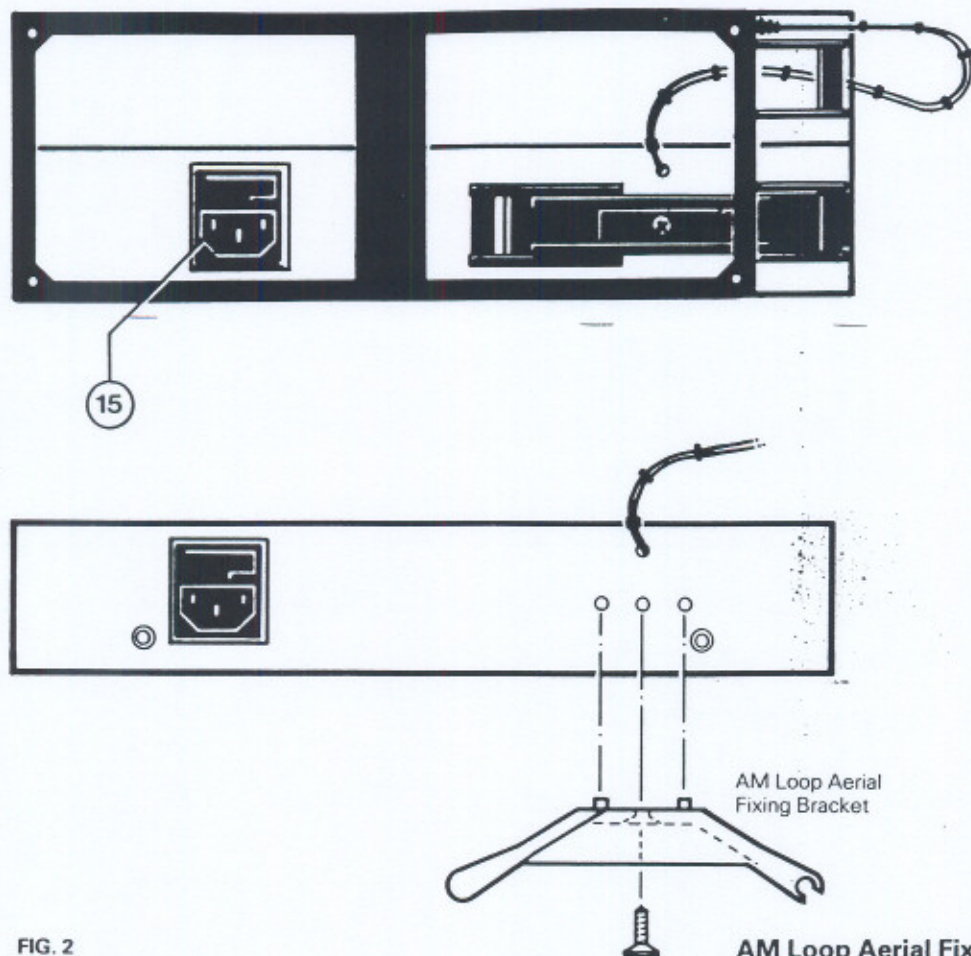


FIG. 2

AM Loop Aerial Fixing Bracket Assembly Details

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OPERATING INSTRUCTIONS

- 1. On/Off Switch:** Switches the unit on and off except for the memory circuits. As soon as the mains supply is connected and switched on at the mains socket the memory circuits are powered. We recommend, during normal use, that the Tuner is only switched on and off by using switch (1) and left on at the mains wall outlet, this will maintain information within the memory.

The Tuner has been designed such that if there is a break in the power supply to the unit for a short period (i.e. power cut) the memory information will be retained. When switched on the Tuner will revert to the tuning mode existing when switched off.

- 2. Display:** Depending on the mode selected the display will indicate the following information: frequency, wave range (AM or FM), frequency unit (KHZ or MHZ), memory preset number, stereo signal being received (STEREO), tuned onto a station (TUNING) and memory mode (MEMORY).
- 3. Mono/Stereo Switch:** Selects between mono (button depressed) and stereo reception. The quality of the output will depend greatly upon the strength of the stereo signal being received. When a weak stereo signal is being received, to overcome the annoying background noise, the mono position should be selected. Stereo reception is only available on FM.
- 4. AM-FM Switch:** Switches between AM (button depressed) and FM wavebands. Selection is indicated within the display (2).
- 5. Store Switch:** For activating the storing facility within the Tuner. 19 different FM and 9 different AM frequencies can be stored within the memory at any one time.
- 6. Preset Switch:** For switching between the preset (stored

memory) or frequency mode. When in the preset mode the display (2) will indicate a 'P' followed by a number.

- 7. Down Switch:** Depending on the mode selected by switch (6) the down switch, when pressed, will scan down through the frequency range or down through the preset memory locations.
- 8. Up Switch:** The same as (7) except scanning up.
- 9. Indicator Panel:** Details the functions of the controls on the front panel.
- 10. Audio Output:** Left and right channel outputs to be fed to the appropriate Tuner input on your amplifier. For optimum performance use high quality phono to phono interconnect leads.
- 11. FM Aerial Socket:** 75 ohm co-axial socket for external FM aerial.
- 12. AM Aerial Socket:** (AE) suitable for an external AM aerial. ground/earth socket (G) is provided which may help to suppress interference. Standard 4mm banana plugs should be used.
- 13. AM Loop Aerial Fixing Bracket:** For supporting the AM loop aerial. Fit to the rear of the Tuner as shown in Fig. 2, with screws provided.
- 14. AM Loop Aerial:** Integral aerial for the reception of strong AM signals. Adjust position for optimum performance. Refer to Fig. 2 for fitting details.
- 15. IEC Mains Socket:** The mains supply is connected to the unit via this socket. The socket has an integral fuse which can be removed after the connector plug is withdrawn from the socket.

MANUAL TUNING

Select the required waveband with switch (4), set for frequency mode by switch (6), adjust frequency up (8) or down (7). Tuning steps are: for FM – 50KHZ; AM – 9KHZ (10KHZ for certain markets).

By keeping the buttons (7) or (8) depressed the waveband will be rapidly scanned. Once the end of the waveband has been reached, tuning resumes at the opposite end of the range.

During tuning the audio output is muted. To stop scanning release button (7) or (8) and re-press once.

AUTOMATIC TUNING

Select the required waveband by switch (4). Set for frequency mode by switch (6). By pressing for more than 1 second then releasing buttons (7) or (8) automatic search tuning starts in steps of 100KHZ in FM and 9KHZ (10KHZ) in AM. Tuning stops automatically when a station of adequate signal strength is found. When pressing buttons (7) or (8) again tuning restarts until the next station is reached.

During the tuning search the audio output is muted.

If, with switch (6), the preset mode is selected then scanning of the memory is achieved using buttons (7) and (8).

STORING INTO MEMORY

Tune into the station that is required to be stored (in the frequency mode). Press and hold down the store button (5) until 'MEMORY' appears in the display (2). At the same time the display will change from frequency to Preset location. (N.B. Store Button has to be held down for at least three seconds).

If the display shows a 'P' with a digit (not zero) then the frequency in question has already been stored in the memory in that displayed preset location. This is to prevent a frequency being stored twice.

If the display show 'PO' then, by pressing buttons (7) or (8), the desired preset number/location can be displayed.

When pressing the store button (5) until the word 'MEMORY' disappears from the display (2), the Tuner returns to the normal mode and the frequency in question has been stored in the displayed preset location.

If once in the memory mode you wish to revert back to the normal mode but do not require to store any information then this is achieved by scanning to preset location 'PO' (using buttons (7) or (8)) and pressing the store button (5) until the word 'MEMORY' disappears from the display.

Note that it is not possible to store any information within preset location 'PO'.

RECALLING STORED FREQUENCIES

Select the desired waveband with button (4). Select preset mode with button (6). A preset location number will be displayed on (2). Change to desired preset number using buttons (7) or (8), the audio output is muted during this scanning operation.

The frequency of the selected preset can be displayed by pressing button (6).