

MANUFACTURERS WARRANTY

Micromega S.A. warrant the product contained herein to be guaranteed against manufacturing faults and defects for a period of 1 year. For warranty work the unit must be returned to the vendor with a copy of the original sales receipt.

The warranty will be invalid should the unit be:-

- Damaged by accident.
- Damaged by negligence.
- Damaged by mis-use.
- Damaged by mis-installation.
- Damaged by tampering by a non-appointed agent.
- Damaged by transit

You should contact your vendor in your country of purchase with regards to specific local warranty details.

This is an addition to, and does not affect, your statutory rights.

TECHNICAL CHARACTERISTICS

FREQUENCY RANGE	87.5 MHz - 108.0 MHz	SIGNAL TO NOISE RATIO IN MONO	75 dB IEC
ANTENNA PLUG	75 Ohms Coaxial ϕ 9.5mm	SIGNAL TO NOISE RATIO IN STEREO	71 dB IEC
INTERMEDIATE FREQUENCY	10.7 MHz +/- 25Khz	BANDWIDTH +/- 0.5dB	10Hz - 15 KHz
MONO SENSITIVITY	1.1uV 26dB SNR	CARRIER REJECTION 19Khz & 38Khz	> 36 dB
STEREO SENSITIVITY	45 uV 50dB SNR	ANALOGUE OUTPUT LEVEL	1V rms at Δ F 75 KHz
SELECTIVITY	60 dB at 300 KHz	ANALOGUE OUTPUT IMPEDANCE	< 10 Ohms/ at 1 KHz
CHANNEL SEPARATION	40 dB (1KHzMod)	NUMBER OF PRESETS	15
THD DISTORTION IN MONO	< 0.5 % Max	POWER CONSUMPTION	20W
THD DISTORTION IN STEREO	< 0.7 % Max	DIMENSIONS with feet (mm)	220 - 150 - 60
		WEIGHT	2 Kg



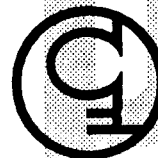
1, rue Leonardo da Vinci, ZA des Boutries
78704 Conflans Ste. Honorine CEDEX, FRANCE

TEL: (1) 34 90 25 00
FAX: (1) 39 19 83 23

IN THE INTERESTS OF CONTINUING TECHNICAL DEVELOPMENT, WE RESERVE THE RIGHT TO MODIFY DESIGNS AND EQUIPMENT. E & OE.

...owners manual

MICROMEGA



Microtuner

Thank you for purchasing a Micromega MICROTUNER.

Please read these instructions carefully in order to fully understand its many unique functions.

CONTENTS

Upon opening the box, you will find the following accessories. Should any be missing, please contact your dealer.

- * Mains Lead
- * Remote Control.
- * Di-pole antenna.
- * Stereo phono to phono cable.

INSTRUCTIONS

Step 1. Carefully check the outside of the carton for any signs of obvious damage. It should have none. Should you notice any damage, contact your dealer immediately.

Step 2. Very carefully remove the unit from the box, taking care to preserve all the packing. It is good practice to put the carton and all the contents into an outer plastic bag and deposit it somewhere safe and dry. In the unlikely event that your MICROTUNER needs to be sent back by carrier to the distributor, it **MUST** be sent in the original materials. Failure to observe this may invalidate your warranty.

Step 3. Check that the mains voltage as stated on the unit corresponds to your local power supply. If in doubt, please consult your dealer.

Step 4. Insert the phono cables provided between the sockets on the rear panel of MICROTUNER, and the Tuner, or other LINE input, sockets on your amplifier.

Step 5. Connect either the Di-pole antenna provided with the unit or, even better, an external aerial to the rear of MICROTUNER.

Step 6. Plug the mains lead supplied into the IEC socket located on the rear of MICROTUNER.

Step 7. Insert the mains plug into the wall socket. Switch on at the socket. Your MICROTUNER is now in 'stand-by' mode.

Step 8. Power the unit up by pressing the STANDBY key on the TUNER section of the remote control handset. MICROTUNER will light up, displaying the frequency information in the display window.

OPERATING MICROTUNER

POSITIONING OF THE ANTENNA

Before you can listen to or set up the operating modes of MICROTUNER you must find the best possible position for the Di-pole antenna supplied. Should you be able to connect MICROTUNER to an external antenna you will of course benefit from improved audio quality as this is directly dependent upon, and affected by, the quality and strength of the reception signal. Should you be unable to use an external antenna, or find that the Di-pole device supplied does not supply a sufficient signal, you should contact an antenna specialist for further advice. This should occur rarely and only in regions of bad reception.

To find the best position for the di-pole antenna you must first tune Microtuner to a known station with a strong transmitting signal, for example a national station such as the BBC (for this MICROTUNER must be put into MANUAL mode by use of the SCS key on the remote control handset - MAN will be displayed in the main screen). If the station is a stereo carrier a 'stereo' logo will also be displayed. If you do not know the frequency of a suitable station then you can utilise the SEARCH mode to find this for you. Put MICROTUNER into SEARCH mode by pressing the SCS key on the remote control handset so that the display indicates 'SCN'. Use the frequency keys to scan the available stations. When you have located the strongest available, move the antenna until the best signal to noise ratio is achieved.

PRESET MEMORY

Tuner allows you memorise up to 15 preset stations. They can be stored either in order of preference (ie. keeping popular choices close together for easy access) or in the order in which they appear in the FM band. To store presets in order of preference first put MICROTUNER in MANUAL mode and search for the first station that you wish to memorise by using the frequency up and down keys as previously explained. When MICROTUNER is locked onto the station, a 'LOC' LED will alight in the main screen and the signal strength will be indicated. A short pressure on the STORE key on the remote control handset will cause the display to show P1 (preset station 1) which blinks. You then have 5 seconds to confirm your choice by again pressing the STORE key. In doing so this station will be retained in memory and P1 will cease to blink. Should you wish to store this selection in an alternative preset number, use the number keypad and then press STORE. MICROTUNER will then return to MANUAL mode and you may repeat the process for your other chosen preset stations. When storing further stations, the display will give you the next free available preset number.

In order to store presets in order of the FM band first put MICROTUNER in MANUAL mode and go to the frequency 87.5 (the lowest frequency in the FM band) using the frequency up or down key on the remote control handset. Go into search mode by depressing the SCS key when the display will indicate SCN. Start SEARCH by a short pressure on the FREQUENCY UP key. When MICROTUNER stops on the first station that it finds you decide whether to memorise this selection. Should you choose to do so press the STORE key once and the display will show P1 which will blink. Press again to memorise your selection and P1 will stop blinking. Should you choose not to store this station, press again the frequency up key until you find a station that you wish to store. Continue with this procedure. Again when storing further stations, the display will give you the next free available preset number.

Once you have completed the preset selections you can access them in two ways. With MICROTUNER in preset mode you may use the FREQUENCY UP & DOWN keys to take you through your stored selections or by keying in directly the station preset number via the numerical keypad. If you try to access a preset number in which nothing is stored, the display will indicate 'FREE'.

USE OF THE MONO KEY

This key is only available on the remote control handset. The MONO key allows you to put the reception of a stereo station into mono. This is important when the stereo reception is of poor quality, when in MONO mode MICROTUNER's high sensitivity will eradicate much of the noise that is present in stereo operation. MICROTUNER will always default to Stereo operation when you re-tune - MONO must be manually selected.

USE OF THE STANDBY KEY

A STANDBY key is provided on the TUNER section of the remote control handset that enables you to place MICROTUNER into operational or standby mode where the unit is idle but audio circuits remain on and warm, allowing you to access the best audio quality directly when you reactivate the unit.

When in STANDBY, subsequent depression of the STANDBY key moves the player into fully operational mode, and all legends will light. TUNER will then be returned to the same settings as it was left when put into standby.

CARE OF MICROTUNER

MICROTUNER, as by now you are certainly aware, is a very sophisticated piece of modern engineering, yet it is robustly built to operate in the real world. A few minutes perusing these common sense points will ensure that your player will continue to give you satisfaction for years to come.

* Do not clean the casework with anything remotely abrasive. Polishes containing silicone should be avoided, as the oil they contain will adversely effect electrical contacts. It is permissible to use proprietary foam cleaners sparingly, but breathing on the machine and then gently machine wiping with a soft, lint-free cloth should be all that is needed. Solvents must NEVER be used.

* Please do not open the casing. Whilst we are very proud of the quality of our internal construction, not only could you cause expensive damage to your purchase, but the damage to yourself could be irreparable. Electricity can be lethal. If anything should need to be done, see your authorised Micromega dealer.