



MICROMEGA

OPERATING MANUAL

PA-20



Dear Customer,

Thank you for purchasing this PA-20 preamplifier.

This unit provides ease of use and sonics of the highest quality. Please pay close attention to this instruction manual, and read it fully before attempting to operate. It is designed to ensure you maximise your pleasure of preamplifier and familiarise you with its many unique functions.

CHECKING

Check that the carton has no damage. Should you have any doubt about its condition, please do not hesitate to contact your dealer.

UNPACKING

Very carefully remove the unit from the box, taking care to preserve all the packing material. It is good practice to put the carton and its contents into an outer plastic bag and deposit it somewhere safe and dry. In the unlikely event that your unit needs to be sent back to either your dealer or distributor, it must be sent in the original packing material. Failure to observe this will invalidate your warranty.

ACCESSORIES

Upon opening the carton you should find the following:

- Mains Lead.
- Micromega system remote control
- AAA batteries (x4)

MAINS VOLTAGE

- Check that the mains voltage indicated on both the carton and the rear of the unit correspond to the local power supply
- If you are in any doubt, consult your dealer.

INSTALLATION

In order to obtain the maximum performance of PA-20, it is important to follow the installation instructions.

Wherever possible, we recommend that your preamplifier is installed in an audio rack or other suitable furniture that provides sufficient ventilation.

WARNING!

If for aesthetic or ease of use reasons, you choose to stack the units, it is imperative that you place your preamplifier on the top. Never place any unit on top of your preamplifier. We recommend that you provide a space of at least 30cm above your preamplifier in order to ensure adequate ventilation.

CONNECTIONS

Having verified that the mains voltage indicated on the rear of the unit corresponds to the local power supply mains voltage and that the ON/OFF switch is on OFF position, connect the mains leads provided to the rear the unit and to the wall socket.

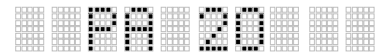
Connect the Stereo Interconnect cables from the rear of all your sources to the corresponding inputs on your preamplifier.

Connect the Line Out or the Balanced Preamplifier Outputs to your main power amplifier. We recommend using the balanced connection if your power amplifier is fitted with this type of inputs. PW-250 and PW-400 are a perfect match to your PA-20 preamplifier.

POWER UP

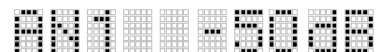
You may now turn on your preamplifier by switching the ON/OFF switch located at the back of the unit.

The display indicates the model of your amplifier:



Then the standby LED lights up indicating that the unit is on standby mode.

Press on the **STANDBY** key of the unit or on the **AMP** key of the remote control handset if you have one. The unit turns on and the display shows:



FRONT OF THE PREAMPLIFIER

iPOD: Analog input used for external sources

HEADPHONE: Headphone socket

ROTARY CONTROL: To control volume and setup.

< INPUT SELECT >: Input selection.

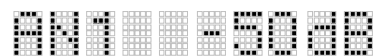
MONITOR: Direct access to *TAPE* or *PRO ON* mode.

MUTE: To mute the amplifier and to set the Balance.

HEADPHONE: To switch on the Headphone output and switch off the speakers. A headphone logo appears on the left side of the volume indication.

STANDBY: To switch the unit in and out of standby. A blue LED located below the central knob indicates the unit is in standby.

DISPLAY



The display indicates:

- On the left side the selected source.
- On the right side the volume level.
- In some cases the status of the unit (Balance, Headphone...).

SELECTION (< INPUT SELECT >)

The selection of inputs is made via the **< INPUT SELECT >** keys.

- In order to select your choice of input use successive depressions of the key.

The display will indicate the name of the selected source from the following list: *PHO* – *AN1* – *AN2* – *AN3* – *AN4* – *iPod*.

VOLUME

The setup of volume is achieved with the rotary control located in the centre of the front panel. The display will indicate a level between -95dB and +30 dB.

Note: The rotary control allows access to different speeds of volume adjustment. If you turn slowly it will increment in single steps. Fast rotation increases the speed of the steps. This will allow you to move to the desired volume with great ease.

Audio Characteristics

Output Impedance 600 Ω
Input Sensitivity /Impedance :
 AN1, AN2, AN3, AN4, iPod..... 280 mV / 47 kΩ
 PHONO 18 mV / 47 kΩ
Impedance / Gain Tape Output 600 Ω / -6dB
Distortion THD (20 Hz / 20 kHz) < 0.02 %
Signal to Noise Ratio > 90 dB

Power Supply

Power consumption 50 W

Dimensions : (W x D x H mm) 430 x 300 x 70

Weight 6.0 kg

WARRANTY

This warranty will start from the date of purchase of the Micromega product.
Statutory warranty regulations apply in the country where the Micromega product was purchased. In case of complaints please contact the dealer who supplied your Micromega product.

WARNING: Warranty will be nulled if the unit is not shipped back in its original packing or if the serial number has been modified or erased.

Warranty Certificate

Dealer's Stamp

Date of Purchase _____

Serial Number _____

