



MICROMEGA

OPERATING MANUAL

AS-400



Dear Customer,

Thank you for purchasing Micromega AS400 Integrated amplifier.

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 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
- Remote control handset
- 4 pces AAA battery.

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 your AS-400, it is important to follow the installation instructions.

Wherever possible, we recommend that your amplifier 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 amplifier on the top. Never place any unit on top of your amplifier. We recommend that you provide a space of at least 30cm above your amplifier 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 amplifier.

Connect your loudspeaker cables between your amplifier and your loudspeakers paying attention to polarity.

The very high quality speaker terminals accept different type of connections like bananas, or stripped up to 10mm² speaker wires. It is important to use quality speaker cable to get the maximum out of your amplifier.

POWERING UP

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

The display indicates the model of your amplifier:

AS 400

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

Press on the **STANDBY** key of the unit 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:

AN1 -60dB

The *AirStream* logo located below the dot matrix display lights up in blue for a very short period then in red. After about 1 minute, the *AirStream* logo resumes to blue indicating that the *AirStream* section is ready. Please read the attached manual for its configuration.

NOTA: Due to the very large amount of energy stored in the power supplies, it is strongly recommended to wait for 15 seconds between turning off the unit and turning it on again. If you do not follow this recommendation a very small switching noise could appear in the speakers.

FRONT OF THE AMPLIFIER

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

AN1 -60dB

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 - 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 -80dB and 0 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

MM Phono Input.....	1
Phono Input sensitivity / impedance.....	18mV/47kΩ
Stereo Analog Inputs.....	3
Analog inputs sensitivity / impedance.....	280mV/100kΩ
Headphone output (Front).....	1
Monitor Loop.....	1
Sub input pass-through.....	1
Sub out.....	1
Sut output cut-off frequency (-3dB).....	400Hz
Processor input.....	1
Pre Out.....	1
Output Power (both channels / 4Ω).....	400W
Frequency response (all loads +0/-3dB).....	10Hz – 50kHz
Power bandwidth.....	20Hz - 35kHz
Output impedance.....	< 150mΩ / f <.20kHz
Output noise (unweighted 20Hz-20kHz).....	< 30μV
THD (20Hz-20kHz – 1/2 power).....	< 0.01 %
Signal to noise ratio (A weighted).....	> 96 dB

AIRSTREAM CHARACTERISTICS

Sample rate (inherent to iTunes software).....	16Bits / 44.1 kHz
Frequency range (± 0.5dB).....	0Hz – 20kHz
Linearity at -90 dB.....	0.1dB
Signal to Noise ratio + THD.....	<-100dB to 1kHz
Dynamic Range.....	>110dB to 1kHz

WiFi CHARACTERISTICS

Audio file formats.....	AAC, AIFF, Apple Lossless, MP3, WMA, WAV
Frequency ranges.....	2,4 or 5 GHz
Standards IEEE.....	802.11n

OTHER CHARACTERISTICS

IR remote control.....	Yes
IR remote protocol / frequency.....	RC5 / 36kHz
RS232 remote.....	Yes

POWER SUPPLY

Mains voltage.....	100V-120V-220V-240V
Mains frequency.....	50Hz-60Hz
Power consumption (max).....	900 W

DIMENSIONS (mm)

Width.....	430
Height (including feet).....	95
Depth (including knobs and antenna).....	370

WEIGHT (Kg)

Total.....	15Kgs
------------	-------

his 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 _____