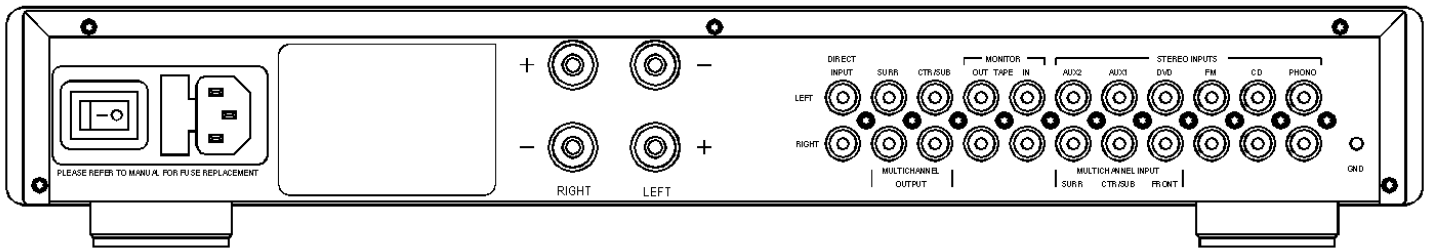
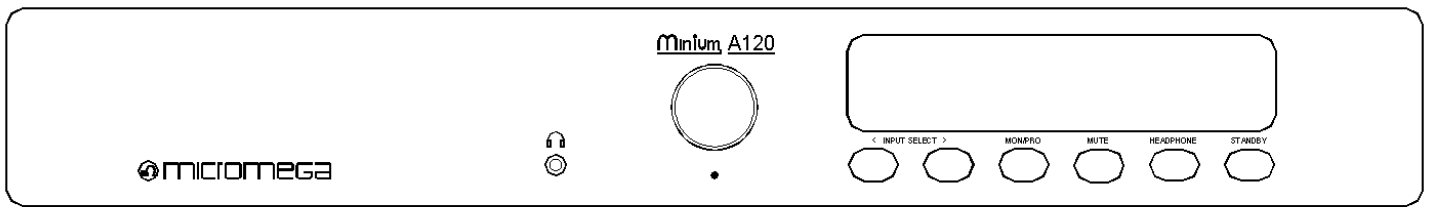




OWNER'S MANUAL **A120**



**Dear Customer,**  
**Thank you for purchasing a A120 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 that you maximise your pleasure of A120 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.

## DEBALLAGE

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.

## 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 A120, it is important to follow the installation instructions. Wherever possible, we recommend that A120 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 A120 on the top. Never place any unit on top of A120. We recommend that you provide a space of at least 30cm above A120 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 A120.

If you have a multi-channel source ( SACD, DVD...), A120 gives you the possibility to use it as power amplifier for the Front channels. You will then need a 3 channel power amplifier like the Minium T120 to feed Center and Surround left and right channels. Connect the multi-channel source using the Multi-channel Input and Output located at the back of A120. Very carefully follow the input and output pattern.

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

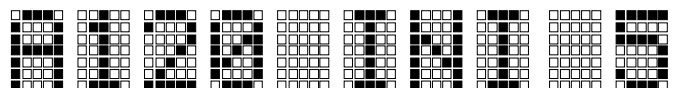
**We would like to emphasize that the Left speaker positive signal is facing downward when the Right speaker positive signal is facing upward.**

The very high quality speaker terminals accept different type of connections like bananas, or stripped up to 10mm<sup>2</sup> speaker wire . It is important to use quality speaker cable to get the maximum out of A120.

## POWER UP

You may now turn on A120 by switching the ON/OFF switch located at the back of the unit.

The display indicates:



The right digit counts down to 1 and then the display indicates :



A120 is ready to operate.

## AMPLIFIER FRONT PANEL

**DISPLAY:** Provides all operational information

**STAND-BY :** To switch the unit in and out of Standby mode.. A red LED located below the rotary control illuminates when in Standby mode.

**HEADPHONE :** To switch Headphones on and off. A headphone logo illuminates at the left side of the display volume indication.

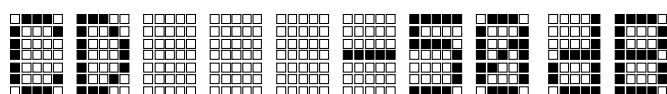
**MUTE :** To mute the output of the amplifier and to set the balance.

**MON/PRO :** To switch in either *MON*itor or *PRO*cessor mode.

**< INPUT SELECT > :** Input selection.

**ROTARY CONTROL :** To control volume and setup.

### 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 - CD - FM - DVD - AUX1 - AUX2 - MCH - TAPE*.

### VOLUME

The regulation of volume is achieved with the rotary control located in the centre of the front panel. The display will indicate a level between 0 dB and -99 dB.

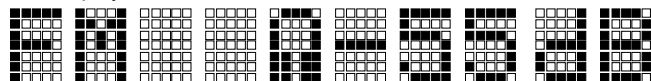
**Note :** The rotary control allows access to different speeds of volume adjustment. If you turn slowly it will increment in single steps. Fast rotation increases the speed of the steps. This will allow you to move to the desired volume with great ease.

### HEADPHONE OPERATION (HEADPHONE)

The headphone socket is located on the front panel of the unit. The headphone volume setting is independent of the loudspeaker volume.

- Press the HEADPHONE key.

The display will indicate:



**Note :** When headphones are in use, the loudspeaker output is automatically disconnected.

## HEADPHONE OPERATION (Continued)

- Headphone volume can be adjusted via the central rotary control.

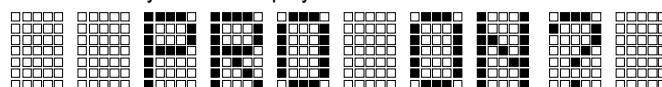
- Press the HEADPHONE key to return to loudspeaker operation.

### MONITOR (MON/PRO)

This function allows full record monitoring when combined with a three head recording device.

- Press the MON/PRO key.
- The amplifier is now in monitor mode and the source is *TAPE*
- Press once again the MON/PRO key to return to normal operation.

The *PRO ON* mode allows to use the power amplifier section of A120 in combination with an external multi-channel Audio processor like Minium AVP. A specific input (*PRO IN*) is dedicated to this mode. A long pressure (2 seconds) on the MON/PRO key and the display will indicate:

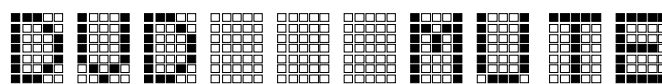


It is necessary to confirm your choice by a second depression on the MON/PRO key. The question mark disappears.

Press once again the MON/PRO key to return to normal operation.

### MUTE (MUTE)

- Press this key when you want to put the amplifier into *MUTE* mode. The display will indicate:

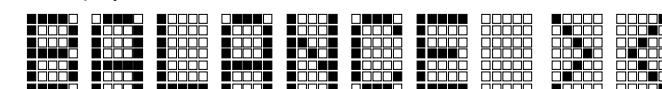


- Press again MUTE to resume listening.

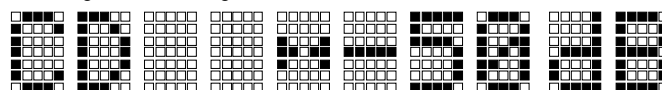
### BALANCE (MUTE)

- Press the MUTE key for a period of 2 seconds.

The display will indicate:



- Set the desired balance using the central rotary control.
  - If you turn clockwise, the display will show R1, R2...R6 indicating that the right speaker level will be increased by 1, 2...6 dB.
  - If you turn counterclockwise, the display will show L1, L2...L6 indicating that the left speaker level will be increased by 1, 2...6 dB.
  - Press again on the MUTE key to exit balance setup.
- If you had offsetted the balance, the display will indicate it by inserting a balance logo :



**Caractéristiques Audio.**

Puissance ( 4 Ω ) .....2 x 120 W  
 Impédance de sortie ..... 0.02 Ω / 1 kHz  
 Bande passante (60 W / 4 Ω / -3dB) ...10 Hz - 100kHz  
 Sensibilité /impédance entrée :  
     CD, FM, DVD, AUX .....280 mV / 47 kΩ  
     PHONO .....18 mV / 47 kΩ  
 Impédance / Gain Sortie Tape .....600 Ω / -6dB  
 Distorsion THD ( 20 Hz / 20 kHz ) .....< 0.02 %  
 Rapport signal / bruit .....> 90 dB

**Alimentation**

Consommation électrique : .....350 W  
 Fusible                      T 2.5A / 250V (Temporisé)  
                                     T 5.0A / 130V (Temporisé)

**Dimensions** : ( L x P x H mm ) .....430 x 300 x 70

**Poids** .....8.0 kg

**Audio Characteristics**

Power ( 4 Ω ) .....2 x 120 W  
 Output Impedance .....0.02 Ω / 1 kHz  
 Power Bandwidth (60 W / 4 Ω / -3dB)10 Hz - 100kHz  
 Input Sensitivity /Impedance :  
     CD, FM, DVD, AUX.....280 mV / 47 kΩ  
     PHONO .....18 mV / 47 kΩ  
 Impedance / Gain Tape Output .....600 Ω / -6dB  
 Distorsion THD ( 20 Hz / 20 kHz ) .....< 0.02 %  
 Signal to Noise Ratio .....> 90 dB

**Power Supply**

Power consumption .....350 W  
 Fuse type                    T 2.5A / 250V (Slow Blow)  
                                     T 5.0A / 130V (Slow Blow)

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

**Weight** .....8.0 kg

**GARANTIE**

L'amplificateur A120 est garanti 2 ans à partir de la date d'achat.  
 Si votre appareil nécessitait une intervention, vous devriez le ramener au revendeur auprès duquel vous aviez effectué votre achat, dans son emballage d'origine accompagné de la facture d'achat.

La garantie couvre les vices de fabrication à l'exclusion de tout autre dommage tel que :

- Un accident
- Une négligence
- Une erreur de manipulation
- Une installation non conforme au présent manuel
- Une intervention effectuée par des gens inhabilités
- Les dégâts lors du transport ( Les dégâts ne seront pris en compte par le transporteur qu'à condition d'avoir émis auprès de celui-ci les réserves d'usage lors de la livraison.)

**ATTENTION : La garantie s'annule d'office si votre appareil n'est pas expédié dans son emballage d'origine ou si le numéro de série a été effacé ou changé.**

Certificat de Garantie

Warranty Certificate

Cachet du Revendeur

Dealer's Stamp

Date d'Achat  
 Purchase Date  
 \_\_\_\_\_

N° de SERIE  
 Serial NUMBER