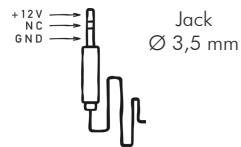


## CONNECTING



- |                             |                                       |
|-----------------------------|---------------------------------------|
| 1) Speakers output (Right). | 5) Analog output.                     |
| 2) Speakers output (Left).  | 6) Trigger 12V input <sup>(1)</sup> . |
| 3) Mono switch.             | 7) Power input.                       |
| 4) Analog input.            | 8) ON/SLEEP power switch.             |

<sup>(1)</sup> This input allows the control ON/SLEEP of your amplifier simultaneously to any device with a 12V Trigger outlet. For the system to operate, the ON/SLEEP button on your MA100 must remain in the SLEEP position (0). If the switch is in the ON position (I), the amplifier will work but not the Trigger function.



## DETAILS OF FUNCTIONS

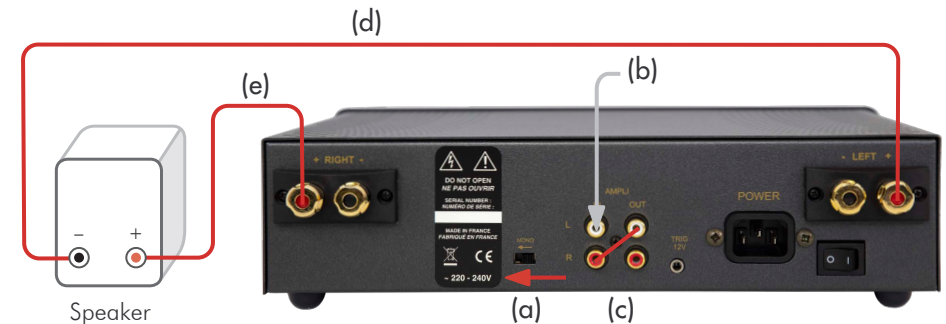


- 9) Mono mode led indicator.  
10) Power ON/SLEEP led indicator.

## MONO MODE

Your appliance can be switched on a mono power amplifier. Here are the steps to switch it on mono:

- Switch off and unplug all cables of your amplifier:
  - (a) Put the switch (3) to MONO (on the Left).
  - (b) Plug the signal (from the preamp.) into the AMPLI IN (White).
  - (c) Make a link (cable) between Line In (4) (red) and Line Out (5) (white).
- Link the Speaker as shown below:
  - (d) Left Red output to Black input of the speaker.
  - (e) Right Red output to Red input of the speaker.



- Do the same way for the second Mono amplifier for the other speaker.

## TRIGGER INPUT

This input allows the ON/SLEEP control of your amplifier, simultaneously with any device with a 12V Trigger output.

In order for the system to operate, the ON/SLEEP switch on your MA100 must remain in the SLEEP position (0).

If the switch is in the ON position (I), the amplifier will work but not the Trigger function.



Trigger cable must be a Male to Male stereo jack plug Ø 3,5 mm (1/8").

## E.C. MARKING

E.C. marking certified the conformity with low tension directive 73/23/CEE, directive CEM 89/336/CEE and national transpositions.

## WARRANTY CONDITIONS

The guarantee is **two years** period from date of purchase. We recommend you to ask your dealer to fill the guarantee and to conserve it. The guarantee is only available for appliance which has been use correctly.

## CLEANING

Before any cleaning, switch off your power amplifier. Use a soft and dry rag to clean up the appliance. Never use acetone, white-spirit, ammoniac, or any kind of product containing abrasive agent. **Never try to clean up inside the appliance.**



## TECHNICAL DATA

|                         |                       |
|-------------------------|-----------------------|
| Power Wrms/8Ω (230v):   | 2×60 W (1×150 W mono) |
| Power Wrms/4Ω (230v):   | 2×80 W (1×165 W mono) |
| Impulse power:          | 100 W                 |
| Power supply:           | 170 VA                |
| Total of capacitors:    | 16 600 μF             |
| Number of inputs:       | 2                     |
| Switch OFF consumption: | 0 W                   |
| ON consumption:         | 8 W - 300 W           |
| Input impedance:        | 220 kΩ                |
| Sensitivity:            | 1,37 Vrms             |
| Signal/noise ratio:     | 100 dB                |
| Distortion at 1 kHz:    | 0,05% (10 W)          |
| Frequency response:     | 5 Hz – 200 kHz        |
| Rising time:            | 2,0 μs                |
| Dimensions:             | 320×227×83 mm         |
| Weight:                 | 4 Kg                  |

(Technical data are subject to changes)



## CAUTIONS

- **Do not make any connections when your device is powered on.**
- Put your power amplifier in a dry and well ventilated place, far from a source of heat.
- Do not put anything on your power amplifier.
- Avoid any short-cut.
- Strictly respect polarity ⊕ & ⊖ and switch left & right.



## ADVISES

- To optimize the performance of your device, you should switch it on at least half an hour before any listening, the time for the power stages to reach its ideal working temperature.
- Your device will give you optimal listening quality after this time-lapse.
- Between two uses, it is, therefore, preferable to let the device in the standby position so that it remains at its optimum temperature.
- At night or when you leave your home, it is best to use the main switch to turn off the device.
- To optimize the sound quality of your system, we recommend that you choose good-quality connection cords. Do not hesitate to ask your specialist dealer for advice.
- Your Amplifier is equipped with a temporised switch on. A relay protects loudspeakers on output power stage from over-voltage.

*You have just bought a Power Amplifier MA100, with exceptional audiophile performances. We really thank you for your confidence in our products.  
To get the best part of this product, please read carefully this manual.*



YOU WILL FIND  
ENCLOSED

- A power amplifier MA100.
- A power lead.
- This manual with the certificate of guarantee.

*Latest update: 10th June 2024, 15:00*

ATOLL ELECTRONIQUE®  
*is a French Company that designs, manufactures,  
and commercializes all its products.*



MADE IN FRANCE



WARRANTY FORM ~ MA100

To present to your dealer with the invoice when returning back the appliance:

ATOLL ELECTRONIQUE®  
Bd des Merisiers  
50370 BRECEY  
FRANCE

Date of purchase:

Place of purchase:

Buyer signature:

Dealer Stamp

# OWNER'S MANUAL

## MA100

POWER AMPLIFIER



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