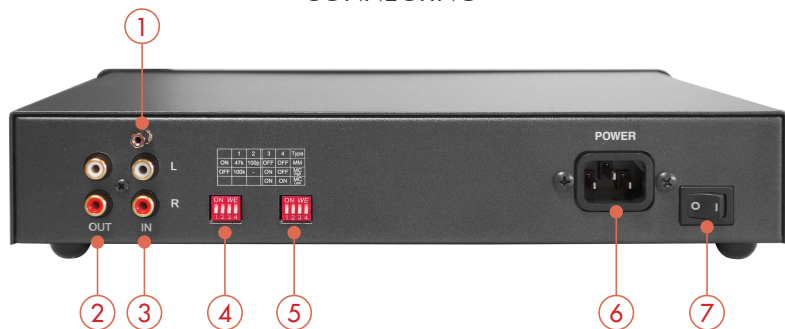
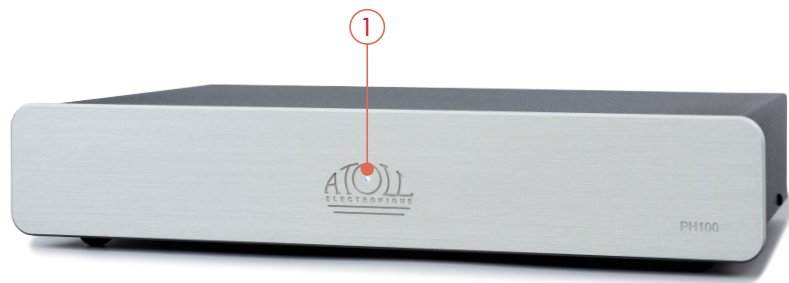


CONNECTING



- 1) Ground.
- 2) Module output.
- 3) Module input.
- 4) Setup switches (Left channel).
- 5) Setup switches (Right channel).
- 6) Power IN.
- 7) ON/OFF switch.

DETAIL OF FUNCTIONS



- 8) Led indicator ON/OFF.

CONFIGURATIONS

The PH100 Phono preamp. offers several setups directly from the rear of the module. It is operated by the pair of 4 points DIL: one for the Right channel, the other for the Left channel. All setup are also written at the rear of the module.

1) **MM – MC Setup:** depending of the type of your cartridge, you can select the Input as MM or MC as shown on the board below:

- For an MM cartridge, put **3** and **4** OFF.
- For a high level MC cartridge (MCH), put **3** ON, and **4** OFF.
- For a low level MC cartridge (MCL), put **3** and **4** ON.

3	4	TYPE
OFF	OFF	MM
ON	OFF	MCH
ON	ON	MCL

2) **Input impedance choice:**

These settings apply to both MM and MC cartridges. They allow you to adapt the musicality of your PH100 to your system.



**Warning:** the configurable input resistor is unrelated to the output resistor of your cartridge (very low compared to the configurable input resistor).

- To select a 47 k resistor, put **1** ON.
- To select a 100 k resistor, put **1** OFF.
- To select a condensator of 100 pF, put **2** ON.
- To select no condensator, put **2** OFF.

1	2	
47 k	100 pF	ON
100 k	-	OFF

## 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** long 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 have been use correctly.

## CLEANING

Before any cleaning, switch off your amplifier (6). 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.**



## PHONO PH100 MODULE

Type of cartridges:	MM / MC
Input Impedance:	47 k or 100 k <sup>(*)</sup>
Input capacity:	100 pF or nothing <sup>(*)</sup>
Gain MM :	40 dB
Gain MC High:	47 dB <sup>(*)</sup>
Gain MC Low:	60 dB <sup>(*)</sup>
THD:	0,05 %
Power:	7,2 V
Size:	320×210×63 mm
Weight:	2 Kg

<sup>(\*)</sup> Depending on the position of the switches.  
(Data subject to change)



## CAUTIONS

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



## 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 stage 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.

You have just bought a PHONO MM / MC preamplifier with exceptional audiophile performance. 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 phono Preamplifier PH100.
- A module interconnect.
- A power lead.
- This manual with the Certificate of Warranty.

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





WARRANTY FORM ~ PH100

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

## PHONO PREAMPLIFIER MM / MC

### PH100

