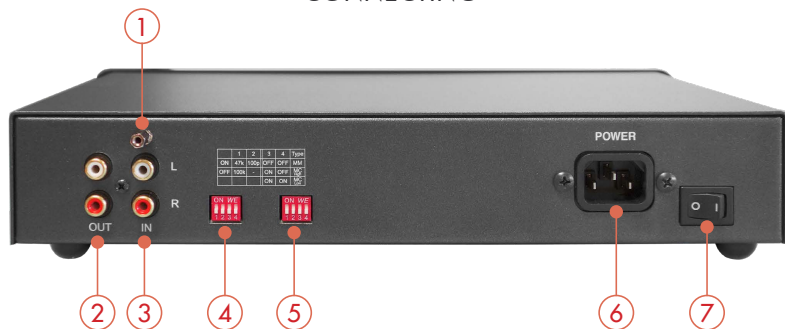
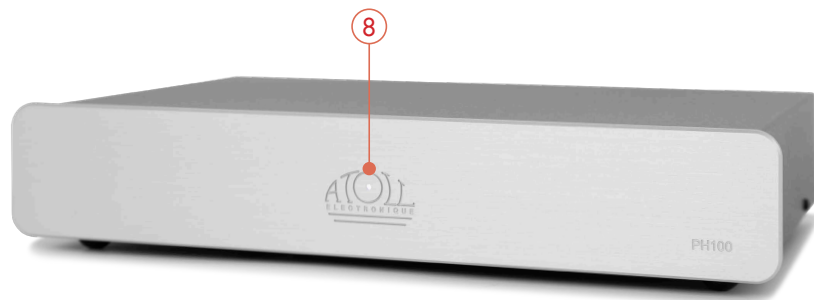


CONNECTING



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

DETAILS OF FUNCTIONS



- 8) ON/OFF led indicator.

CONFIGURATIONS

The PH100 Phono preamp. offers several setups directly from the rear side of the module. It is operated by the pair of 4 points DIL: one for the Right channel, one for the Left channel (you can also refer to the screen-printed diagrams on the rear side). Make sure that the 2 switch blocks are in the same position.

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. This setting is not suitable for all cells.
- To select no condensator, put **2** OFF. This setting should be preferred by default.

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** 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 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

Power supply :	6,4 VA
Total of capacitors :	11 280 μ F
Switch OFF consumption:	0 W
ON consumption:	4 W
Type of cartridges:	MM / MC
Input impedance:	47 k or 100 k ^(*)
Input capacity:	100 pF or nothing ^(*)
Gain MM :	40 dB ^(*)
Gain MC High-level:	47 dB ^(*)
Gain MC Low-level:	60 dB ^(*)
Signal-to-noise ratio at 1 kHz:	80 dB
Crosstalk at 1 kHz:	<-85 dB
THD:	0,05 %
Size:	320×210×63 mm
Weight:	2 Kg

^(*) 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 \oplus & \ominus , as well as the left and right connections.



ADVISES

- Your device will offer you optimal listening quality approximately half an hour after it is powered on, until the stages reach their ideal operating temperature.
- At night or when you leave your home it is best to use the main switch to turn off the device.
- We advise you to choose good quality connection cords (to other devices). Do not hesitate to seek advice from your specialist retailer.

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

PH100

PHONO PREAMPLIFIER
MM / MC



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