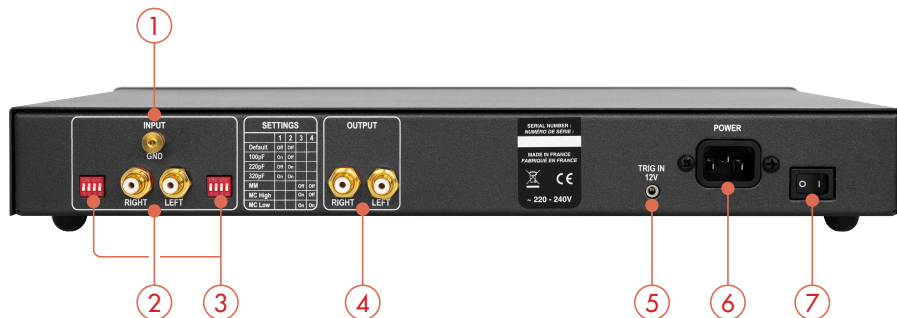
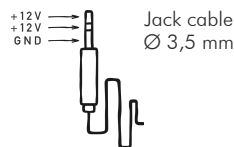


CONNECTING



- 1) Ground.
- 2) Turntable signal input.
- 3) Settings blocks.
- 4) Module signal output.
- 5) Trigger input 12 V⁽¹⁾.
- 6) General power plug.
- 7) ON/OFF switch (Attention: the power-on led indicator takes a long time to turn-off).

⁽¹⁾ Trigger input: this input allows you to control the power ON/OFF of your PH200 simultaneously with any device equipped with a compatible Trigger output. In order for the system to work, the ON/OFF button on your PH200 must remain in the OFF position (0). If the switch is in the ON (I) position, it will work but not the Trigger function.



The Trigger connection must be made with a Ø 3,5 mm Male/Male stereo jack cable.

DETAILS OF FUNCTIONS



- 8) ON/OFF led indicator.

CONFIGURATIONS

The PH200 phono module allows you different configurable configurations. They can be carried out directly at the rear of the module via the 2 4-point switch blocks, one for the left channel and the other for the right 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 setting: Depending on the cartridge of your phono turntable, you can select the MM or MC input.

Caution: This adjustment must be made when the PH200 and the amplifier are turned off.

- For an MM cell, set **3** and **4** to OFF.
- For a high level MC cell (MCH), place **3** to ON, and **4** to OFF.
- For a MC Low Level (MCL) cell, set **3** and **4** to ON.

	3	4
MM	Off	Off
MC High	On	Off
MC Low	On	On

2) Choice of input capacitor: This setting concerns both the MM and MC cells. It allows you to adapt the musicality of your PH200 to your system.

Caution: This adjustment must be made when the PH200 and the amplifier are turned off.

- For no input capacitor set **1** and **2** to OFF (recommended by default).
- To select a 100 pF capacitor set **1** to ON, and **2** to OFF.
- To select a 220 pF capacitor place **1** to OFF, and **2** to ON.
- To select a 320 pF capacitor set **1** to ON, and **2** to ON.

	1	2
Default	Off	Off
100 pF	On	Off
220 pF	Off	On
320 pF	On	On

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 PH200 MODULE

Power supply :	2×7 VA
Total of capacitors :	54 400 μF
Switch OFF consumption:	0 W
ON consumption:	1 W
Type of cartridges:	MM / MC
Input impedance:	47 kΩ
Input capacity:	Nothing / 100 pF / 220 pF / 320 pF ^(*)
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:	<-86 dB
THD:	0,05 %
Size:	440×295×63 mm
Weight:	5 Kg

^(*) Depending on the position of the switches.
(Data subject to change)



CAUTIONS

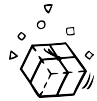
- **Do not make any connections when your device is powered on.**
- Put your device in a dry and well ventilated place, far from a source of heat
- Avoid putting something on your amplifier.
- Do not make any plug-in when the converter is on.
- Avoid any short-cut.
- Strictly respect polarity ⊕ & ⊖, 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 PH200.
- 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 ~ PH200

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

PH200

