



**ATOLL
ELECTRONIQ
UE PR400
Signature
Preamplifier**



ATOLL ELECTRONIQUE PR400 Signature Preamplifier Owner's Manual

[Home](#) » [ATOLL ELECTRONIQUE](#) » ATOLL ELECTRONIQUE PR400 Signature Preamplifier Owner's Manual 

Contents

- [1 ATOLL ELECTRONIQUE PR400 Signature Preamplifier](#)
- [2 Product Usage Instructions](#)
- [3 CONNECTING](#)
- [4 USING THE BY-PASS INPUT](#)
- [5 TECHNICAL DATA](#)
- [6 WARRANTY CONDITIONS](#)
- [7 MAINTENANCE](#)
- [8 Documents / Resources](#)
 - [8.1 References](#)
- [9 Related Posts](#)



ATOLL ELECTRONIQUE PR400 Signature Preamplifier



Specifications

- Analog power supplies: 2×10 VA
- Digital power supplies: 10 VA
- Total of capacitors
- Number of inputs: 5 LINES, 2 XLR
- Input impedance: 357 k
- Sensibility: 4 V
- Signal/noise ratio: 100 dB
- Distortion at 1kHz: 0.004%
- Bandwidth: 0.5 Hz – 780 kHz
- Rising time
- Dimensions
- Weight: 15 Kg

Product Usage Instructions

1. Connecting the CD Player

Connect the CD player to various inputs such as Aux, CD, Tuner, DVD, TAPE In/Out, and Preamp outputs as per your setup requirements.

2. Powering On and Source Selection:

Use the ON/OFF knob for power control and source selection by rotating it. Press the knob to turn the device on or off.

3. Volume Adjustment and Menu Setup:

Adjust the volume using the dedicated knob and set up menus by pushing the knob. Access balance settings with one press and light settings with two presses.

4. Remote Control Usage

Utilize the remote control for brightness selection, volume adjustment, input selection, and accessing menus. The remote can control other ATOLL products as well.

5. Using the BY-PASS Input

To activate or deactivate the BY-PASS input, hold the designated button for 3 seconds. This allows for direct access to sources.

6. USB Input

If using the USB input for High-Res audio files, download the appropriate driver from the provided link. Use a

USB interconnect with ferrite for optimal performance.

FAQ

- **Q: How can I control other devices with the Trigger output?**

A: The Trigger output can be used to switch OFF/ON devices with compatible Trigger inputs; refer to the user manual for detailed instructions.

- **Q: What is the purpose of the MUTE button on the remote control?**

A: The MUTE button is used to silence the audio output; press any active key to exit mute mode.

OWNER'S MANUAL

PR400 SIGNATURE

PREAMPLIFIER

www.atoll-electronique.com

You have just bought a preamplifier with exceptional audiophile performance. We really thank you for your confidence in our products. To get the best part of your preamplifier, please read carefully this manual.

CONCERNING THIS OWNER'S MANUAL

Paragraphs with grey and blue frames concerns only appliance getting the optional digital board installed.



YOU WILL FIND ENCLOSED

- A Preamplifier.
- A remote control.
- One power lead.
- This manual with the certificate of guarantee.

ATOLL ELECTRONIQUE®

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



CAUTIONS

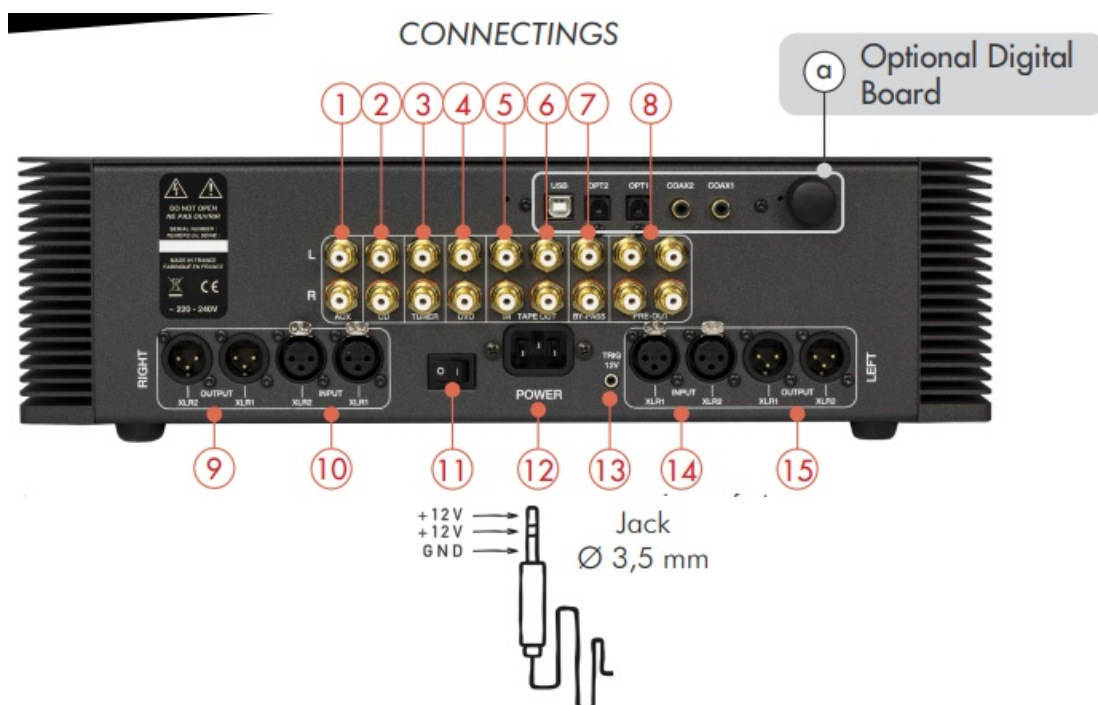
- Do not make any connections when your device is powered on.
- Put your device in a dry and well ventilated place, far from a source of heat.
- Do not put something on your preamplifier.
- Do not make any plug in when the preamplifier is on.
- Strictly respect the left and right connections.
- Avoid any short-cut.



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.

CONNECTING



1. Aux. input.
2. CD input.
3. Tuner input.
4. DVD input.
5. TAPE In (PLAY).
6. TAPE Out (REC).
7. BY-PASS input.
8. Preamp. outputs (to 1 or 2 amplifiers or to a subwoofer).
9. XLR 1 & 2 outputs – Right Channel.
10. XLR 1 & 2 inputs – Right Channel.
11. General Switch ON/OFF.
12. Plug-in with protection fuse.
13. Trigger output 12V(1).

14. XLR 1 & 2 Inputs – Left channel.

15. XLR 1 & 2 Inputs – Left channel.

(1) Trigger output: this output is used to control the switching OFF/

ON of any device equipped with a compatible Trigger input (see instructions for use).

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

Optional Digital Board

– Bluetooth® antenna – Coaxiales 1 & 2 Inputs – Optical Inputs 1 & 2 – USB-B Input

16.



ON/OFF knob (by pushing); sources selection (by rotation).

17. Headphone jack: pre-out is switched off when a headphone is plugged in.

18. Knob to put ON (by pushing), volume, and menus setup.

Access to Balance (1 press) and Light (2 press). See Remote Control chapter.

REMOTE CONTROL

The remote control is equipped with 2 Lithium CR2025 batteries. This remote control is also able to drive all others ATOLL's products: CD players; Tuner; Integrated or preamplifier.

19. Selects brightness of the display (clear, medium, off). (When the display is OFF, a press on any key will refresh the display for 3 seconds).

20. Volume setup \ominus & \oplus (from 0 to 80).

21. Inputs selection.

22. Direct access to sources; to activate/deactivate the BY-PASS Input, hold 3 seconds.

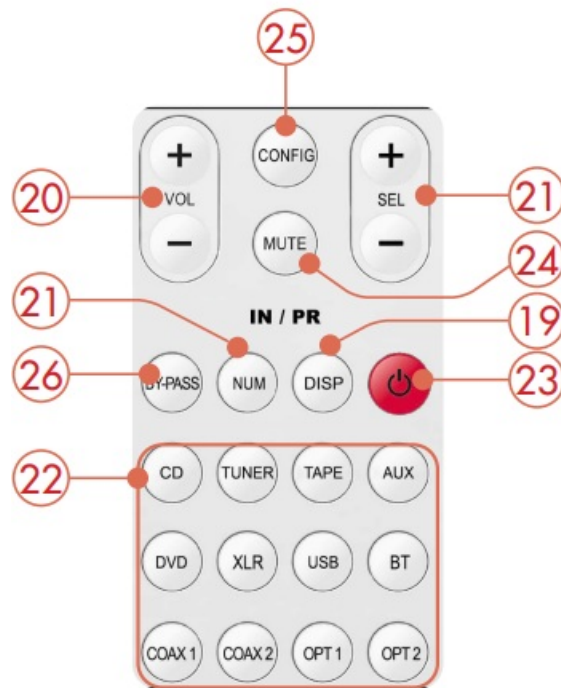
23. ON/OFF key: on stand-by, the appliance keeps all parameters unchanged (source, volume level, balance, color of the knobs backlight).

24. MUTE button: to exit, press any active key on the remote control.

25. Access to MENU:

- Balance (1 press): once on the Balance menu, setup is operated with vol \ominus & \oplus keys. You can set up the balance level from -9 to +9.
- Light (2 press): with this menu, you can select the backlight color of the 2 front knobs of the front panel: Red, Blue, Purple, or Light off.

26. BY-PASS button: To activate/deactivate, hold 3 seconds.





Access to inputs OPT1 – OPT2 – COAX1 – COAX2 – USB – BT is only possible if your appliance is equipped with the digital board.

BLUETOOTH®

Your appliance allows the reception of audio signals sent from any device having a Bluetooth® transmitter (Smartphone, tablet, computer...).

First time association:

- Activate the Bluetooth® connectivity of your emitter device.
- Select the Bluetooth® (BT) input of PR400: unlock symbol BT  appears.
- Select your appliance on the list of the possible receivers (named IN200).
- Once the connection is made, the lock symbol  BT appears.
- The whole audio signals of your device source will then be transmitted towards your PR400. Your emitter device will remain associated until you unlock the PR400 with your Smartphone or switch off your amplifier.
- Association of another emitter: Once associated with an emitter, you'll need to switch completely your PR400 off in order to make it visible from another emitter. The quality of reception of the signal depends on the power of the Bluetooth emitter and the distance between the 2 devices. Avoid being more than 5 meters from your PR400 for a correct reception without any risks of signal cuts.

USING THE BY-PASS INPUT

Warning: reduce the volume of the source connected to BY-PASS before any use of the BY-PASS Input. The BY-PASS Input offer you the capacity to use your Integrated as a Power amplifier (plugged to an A/V processor for example). This Input can be selected from the front panel (knob 15) or with the BY-PASS key of the remote control (hold 3 seconds). Once selected, “BY-PASS” appears on the display. Then, no other functions are available from the front panel or the remote control. Turn knob 15 or hold the BY-PASS button to get back from BY-PASS.

USB INPUT

Your appliance is equipped with a High-Res. asynchronous USB Input (B type). It will be possible to use it only when you'll have downloaded the appropriate driver on your computer. This driver can be freely downloaded on our website at the page: <https://www.atoll-electronique.com/en/xmos-specific-driver-usb/>

To avoid any troubles in the transfer of High Resolution files (24 bits/192kHz), it is recommended to use a USB interconnect with ferrite.

ACCEPTED FORMATS

- Accepted format on optical and coaxial inputs: 16-24 bits (44,1 kHz, 48 kHz, 88,2 kHz, 96 kHz, 176,4 kHz and 192 kHz).
- Accepted format on USB Input:
 - DSD: DSD64, DSD128, DSD256 and DSD512.
 - PCM: 16-32 bits (44,1 kHz, 48 kHz, 88,2 kHz, 96 kHz, 176,4 kHz, 192 kHz, 352,8 kHz, 384 kHz, 705,6 kHz and 768 kHz).



TECHNICAL DATA

- Analog power supplies: 2×10 VA
- Digital power supplies: 10 VA
- Total of capacitors: 112 000 µF
- Number of inputs: 5 LINES 2 XLR
- Input impedance: 357 kΩ
- Sensibility: 4 V
- Signal/noise ratio: 100 dB
- Distortion at 1kHz: 0,004%
- Bandwidth: 0,5 Hz – 780 kHz
- Rising time: 0,4 µs
- Dimensions: 440×370×130 mm
- Weight: 15 Kg

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.

MAINTENANCE

Before any cleaning, switch off your 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.

WARRANTY FORM ~ PR400 Sig

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

ATOLL ELECTRONIQUE®

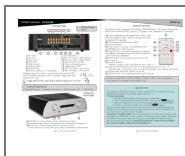
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50370 BRECEY

FRANCE

- Date of purchase:
- Place of purchase:
- Buyer signature:
- Dealer Stamp

Documents / Resources



[ATOLL ELECTRONIQUE PR400 Signature Preamplifier](#) [pdf] Owner's Manual
PR400 Signature Preamplifier, PR400, Signature Preamplifier, Preamplifier

References

- [📄 XMOS specific driver – USB - ATOLL ELECTRONIQUE](#)
- [User Manual](#)

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