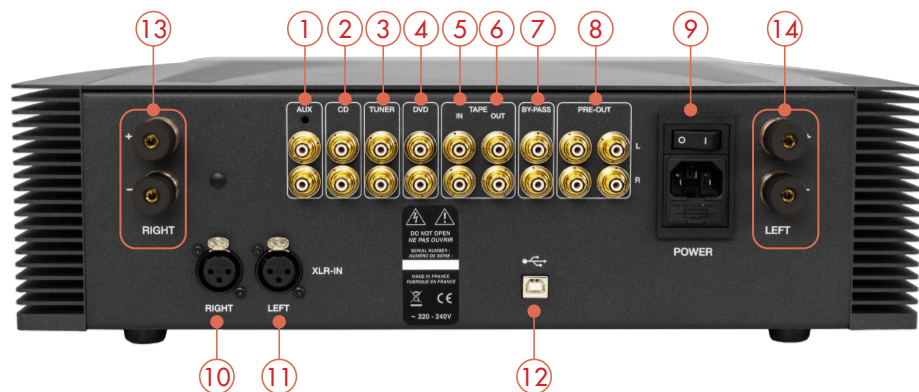


## CONNECTINGS



- 1) Auxiliary input (optional phono or S/PDIF).
- 2) CD. input.
- 3) Tuner input.
- 4) DVD input.
- 5) Tape input (PLAY).
- 6) Tape output (REC).
- 7) BY-PASS input.
- 8) Preamp. outputs (to 1 or 2 power amplifiers or to a Subwoofer).
- 9) ON/OFF switch and general plug-in (with protection fuse).
- 10) XLR input – right channel.
- 11) XLR input – left channel
- 12) USB input (B type): to connect to a computer with compatible software.
- 13) Right speaker output (+ & -).
- 14) Left speaker output (+ & -).

## DETAILS OF FUNCTIONS



- 15) ON/OFF knob (by pushing); sources selection (by rotation).
- 16) Headphones jack: speakers Outputs are switched off when headphones are plugged in.
- 17) Display: shows the selected source (on the left) and volume level (on the right).
- 18) Power ON knob, 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 other ATOLL products: CD players; Tuner; Integrated or preamplifier.

19) Allows to switch OFF/ON the display. (When the display is OFF, press any key to 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.

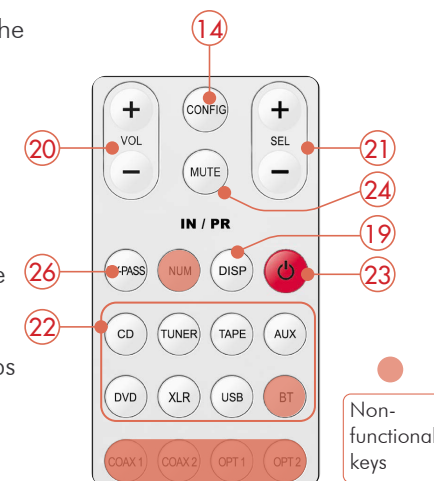
23) ON/OFF key: on stand-by, the appliance keeps all parameters unchanged (source, volume level, balance, color of the knobs backlight).

24) MUTE key: to get off the Mute, press any active key of the remote control or turn a front knob.

25) Access to Menus:

- Balance (1 press): once on Balance menu, setup is operated with vol  $\ominus$  &  $\oplus$  keys. You can setup 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 OFF.

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



## USING OF 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 offers 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 or with the BY-PASS key of the remote control (hold 3 seconds). Once selected, mention "BY-PASS" appears on display. Then, no other functions are available from the front panel or remote control. The Integrated can be used exactly as a Power Amp. Press once BY-PASS to get back from BY-PASS.

## 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 the date of purchase. We recommend you to ask your dealer to fill the guarantee and to conserve it. The guarantee is only available for appliances that have been using correctly.

## MAINTENANCE

Before any maintenance operation, unplug your appliance from the mains socket (9). A soft, dry cloth is sufficient for cleaning the apparel. Do not use any product that contains acetone, mineral spirits, ammonia, or abrasives.

**Never try to clean the inside of the device.**



## TECHNICAL DATA

Efficacy power Wrms/ch./8Ω (230v):	160 W
Efficacy power Wrms/ch./4Ω (230v):	300 W
Power supply:	1015 VA
Total of capacitors:	93 400 μF
Inputs:	– 5 with 1 AUX (phono or S/PDIF) – 1 XLR input – 1 USB input (B type) PCM 24 bits/196 kHz.
Switch OFF consumption:	0 W
Standby power consumption (preheating):	32 W
ON consumption:	34 W - 800 W
Input impedance:	220 kΩ
Sensitivity:	350 mV
Signal/noise ratio:	100 dB
Distortion at 1 kHz:	0,05%
Frequency response:	5 Hz - 100 kHz
Rising time:	2,5 μs
Dimensions:	440×370×130mm
Weight:	20 Kg



## CAUTIONS

- Do not make any connections when your device is turned on.
- Always switch off your appliance before moving it or before any changes of wires on the rear.
- Install your appliance in a dry, well-ventilated place away from any source of heat.
- Make sure you never put anything on your amplifier.
- Avoid any short circuits.
- Carefully observe the polarity & and, as well as the left and right connection directions.
- Never connect two speakers in parallel to the same output.



## 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 an Amp-Preamp. Integrated IN400SE with exceptional audiophile performances. We really thank you for your confidence in our products. To get the best part of your amplifier, please read carefully this manual.*



#### YOU WILL FIND ENCLOSED

- An amp-preamp integrated IN400SE.
- 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.*





WARRANTY FORM ~ INTEGRATED IN400SE

*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

## IN400SE

INTEGRATED  
AMP-PREAMP.



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[www.atoll-electronique.com](http://www.atoll-electronique.com)  
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