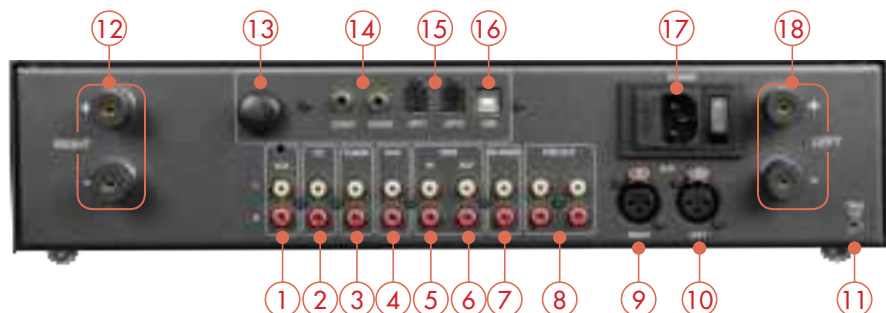


## CONNECTING

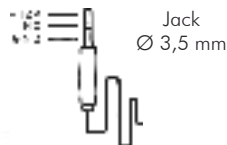


- |                                                                    |                                                                                |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------|
| 1) Auxiliary input (optional phono or S/PDIF).                     | 11) Trigger output 12V <sup>(1)</sup> .                                        |
| 2) CD. input.                                                      | 12) Right speaker output (+ & -).                                              |
| 3) Tuner input.                                                    | 13) Bluetooth receiver.                                                        |
| 4) DVD input.                                                      | 14) Coaxial inputs 1 & 2.                                                      |
| 5) Tape input (PLAY).                                              | 15) Optical inputs 1 & 2.                                                      |
| 6) Tape output (REC).                                              | 16) USB input (B type): to connect to a computer with compatible software.     |
| 7) BY-PASS input.                                                  | 17) Switch ON / SLEEP (preheating) and general plug-in (with protection fuse). |
| 8) Preamp. outputs (to 1 or 2 power amplifiers or to a Subwoofer). | 18) Left speaker output (+ & -).                                               |
| 9) XLR input – Right channel.                                      |                                                                                |
| 10) XLR input – Left channel.                                      |                                                                                |

<sup>(1)</sup> 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 Male to Male stereo jack plug Ø 3,5 mm (1/8").



## DETAILS OF FUNCTIONS



- 19) Headphones jack: speakers outputs are switched off when a headphone is plugged in.  
 20) Knob for ON / SLEEP (preheating) function (by pushing), and sources selection (by rotation).  
 21) Display: shows the selected source (on the left), and volume level (on the right).  
 22) Knob for ON, volume and balance setup.

## 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, Tuners, Integrated or preamplifiers.

22) VOL: Volume setup + & - (from 0 to 80).

23) CONFIG: Control of the balance: once on the Balance menu, setup is operated with Vol + & - keys. You can set up the balance level from -9 to +9.

24) SEL: Input selection key + and -.

25) Direct access to sources.

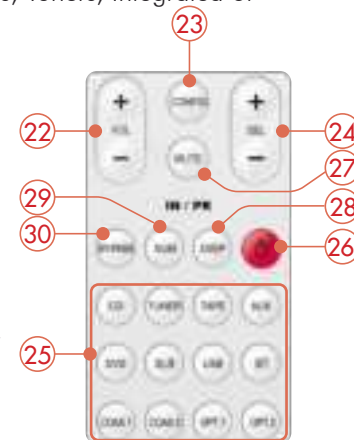
26) ON / SLEEP (preheating). On SLEEP mode, the appliance keeps all parameters unchanged (source, volume level, balance).

27) MUTE: allows you to mute the sound. To exit, press any active button on the remote control.

28) DISP: Display key or not: pressing any key turns the display back on for 5 seconds. The display always remains visible in MUTE or BY-PASS mode.

29) NUM: Selection of COAX 1 & 2 and OPT 1 & 2 digital inputs.

30) BY-PASS: To enable/disable BY-PASS input, press for 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.

## BLUETOOTH®

Your appliance allows the reception of audio signals sent since 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 IN300: unlock symbol  appears.
- Select your appliance on the list of the possible receivers (named IN300).
- Once the connection is made, the lock symbol  appears.

The whole audio signals of your device source will then be transmitted towards your IN300. Your emitter device will remain associated until you unlock the IN300 with your Smartphone or switch off your amplifier.

**Association of another emitter:** Once associated with an emitter, you'll need to switch completely your IN300 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.

**For better reception quality, avoid being more than 5 meters from your device.**

## USB INPUT (16)

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/>

You will find attached an explanatory note on its installation.

**This driver is not required for Macintosh computers.**

To avoid any troubles in the transfer of High Resolution files (24 bits/192 kHz), 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 and DSD256.
  - PCM: 16-32 bits (44,1 kHz, 48 kHz, 88,2 kHz, 96 kHz, 176,4 kHz, 192 kHz, 352,8 kHz, 384 kHz).



## TECHNICAL DATA

|                                              |                |
|----------------------------------------------|----------------|
| Efficacy power $W_{rms}/ch./8\Omega$ (230v): | 150 W          |
| Efficacy power $W_{rms}/ch./4\Omega$ (230v): | 260 W          |
| Power supply:                                | 2×440 VA       |
| Total of capacitors:                         | 86 400 $\mu F$ |
| Switch OFF consumption:                      | 0 W            |
| SLEEP power consumption (preheating):        | 27 W           |
| ON consumption:                              | 29 W - 700 W   |
| Input impedance:                             | 220 k $\Omega$ |
| Maximun input level:                         | 3,5 $V_{rms}$  |
| Sensitivity:                                 | 540 mV         |
| Signal/noise ratio:                          | 100 dB         |
| Distortion at 1 kHz:                         | 0,05% / (10 W) |
| Frequency response:                          | 5 Hz - 100 kHz |
| Rising time:                                 | 2,0 $\mu s$    |
| Dimensions:                                  | 440×365×103 mm |
| Weight:                                      | 16 Kg          |

(technical data are subject to changes)



## 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 any short-cut.
- Strictly respect polarity  $\oplus$  &  $\ominus$ , as well as the left and right
- Do not plug-in two speakers in parallel on 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 IN300 with exceptional audiophile performances. We really thank you for your confidence in our products. To get the best part of your amplifier, please read this manual carefully.*

#### CONCERNING THIS OWNER'S MANUAL

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



#### YOU WILL FIND ENCLOSED

- An amp-preamp integrated IN300.
- A remote control.
- One power lead.
- This manual with the certificate of guarantee.

Latest update: 10th June 2024, 15:00

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



#### 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 appliances which have been use correctly.

#### MAINTENANCE

Before any maintenance operation, unplug your appliance from the mains socket (17). 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.**



WARRANTY FORM ~ INTEGRATED IN300

*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

## IN300

INTEGRATED / DAC  
AMP-PREAMP.



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