CONNECTING:

Rear view of appliance:

1- XLR Output (Right)
2- Analog Output (Right)
3- Analog Output (Left)
4- XLR Output (Left)
5- Digital Output (coax)
6- Digital Output (optical)
7- Digital Input 3 (optical)
8- Digital Input 2 (optical)

9- Digital Input 1 (optical)
10- Digital Input 3 (coax)
11- Digital Input 2 (coax)
12- Digital Input 1 (coax)
13- AES Input
14- USB Input (type B)
15- Power plug
16- Switch On/Off

Front view of Appliance:

17- Sources selection keys;
18- Filters setup keys (see details beside): selection is made with keys (17)
19- Headphones Output (jack 3,5mm) *(linking the headphones shut down the Output signals)* ;
NB : When you connect a headphones, regardless of the bypass mode, you'll switch to volume management mode (By-pass Off) in order to manage the volume level of the headphones.
20- Display: selected source shows on the left and frequency sampling on the right. When no signal is detected display shows UNLOCK.
21- Volume control keys - &+ (when By-Pass Off) from 0 to 80
22- On/stand-by key.

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. *(see those manuals for details).*

21- Volume keys+ & - [(*)]
22- Standby/On key
23- Sources selection keys + & -

[(*)] *Volume control is possible only with By-Pass Off. When changing the volume, level shows shortly on display, then the display shows the sampling frequency.*

BLUETOOTH:
Your appliance allows the reception of audio signals sent since any devices having a Bluetooth transmitter (Smartphone, tab, computer…).
First time association:
- Activate the Bluetooth connectivity of your emitter device;
- Select the Bluetooth (BT) input of DAC200 : unlock symbol [BT] appears.
- Select your appliance on the list of possible receiver (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 IN200. Your emitter device will remain associated until you unlock the DAC200 with your Smartphone or switch off your amplifier.
Association of another emitter:
To connect another emitter, you'll need to disconnect the first 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 of your DAC200 for a correct reception without any risks of signal cuts.**

FILTERS SETUP:
While pressing key (18) you can choose different kind of digital filters which you can select with keys (17):
Standard: fast roll-off, minimum phase filter
Fast, lin: fast roll-off, linear phase filter
Slow min: soft roll-off, minimum phase filter
Slow lin: soft roll-off, linear phase filter
Apodizing: Fast roll-off by apodizing and linear phase filter
Hybrid: fast roll-off and minimum phase filter

BY-PASS MODE:

This DAC can be used as:
- Single converter as a source linked to a linear or XLR input of an integrated or preamp which will setup the volume control. In that case you'll need to fix the output level of the DAC200 and put it on BY-PASS position.
- Both converter and preamp directly linked to a power amplifier : volume control is then made by the DAC200. In this configuration, you need to place configuration as BY-PASS Off.

Put the DAC200 on stand-by then press together keys (21) about 3 seconds. Position On/Off changes on every press of the knob.

Display BYPASS means that the volume control is not activated;
Display BYPASS Off means that the volume control is activated.

Note : By-pass mode is recommended when you're using an integrated. If you are using the DAC200 as a preamp, check if the amplifier is able to support a maximum input level of 5 Vrms.

USB INPUT (13) :

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/products/dac-converters/converter-dac300/

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

E.C. MARKING:

E.C. marking certified the conformity with low tension directive 73/23/CEE, directive CEM 89/336/CEE and national transpositions.

GUARANTEE:

The guarantee is **two years** long 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.

ACCEPTED FORMATS:

- Accepted format on optical & coaxial Inputs: 16-24bits (44,1kHz, 48kHz, 88.2kHz, 96kHz, 176.4 kHz et 192kHz).
- Accepted format on USB input:
  - PCM : 16-32bits (44,1 kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, 192kHz, 352.8kHz, 384 kHz , 705,6kHz et 768kHz).
  - DSD : DSD64, DSD128, DSD256 et DSD512.

You have just bought a Digital/Analog converter DAC200 *Signature*, with exceptional audiophile performances. We really thank you for your confidence in our products. To get the best part of this product, please read carefully this manual.

CAUTIONS :

- Put your appliance in a dry and well ventilated place, far from source of heat;

- Do not make any plug in when the appliance is on;

- Avoid any short-cut;

- Respect polarity + & - and switch left & right;

- To avoid any parasite sounds coming from some softwares, we recommend you to unplugged the USB dongle from your computer when not using it.

You will find enclosed :

- a converter DAC200 Signature;
- a powerlead;
- an RCA wire;
- a remote control;
- this manual with the certificate of guarantee;

<u>TECHNICAL DATAS</u>:

CONVERTER – DAC200 *Signature*	
Frequency response	20 Hz - 20 kHz (± 0,1 dB)
THD at 1 Khz (0 dBF)	<0,001%
Signa/noise ratio	129dB
Dynamic	133dB
Maximum Output level line	2,5 Vrms
Maximum Output level XLR	5 Vrms
Dimensions (mm)	440*280*60
Weight	4 Kg

OWNER'S MANUAL

DIGITAL / ANALOG CONVERTER

✄

G U A R A N T E E
C O N V E R T E R – D A C 2 0 0 *S i g n a t u r e*
To present to your dealer with the invoice when returning back the appliance:

ATOLL ᴇʟᴇᴄᴛʀᴏɴɪǫᴜᴇ®
Bd des Merisiers
50370 BRECEY
FRANCE

Dealer Stamp

Date of purchase :

Place of purchase :

Buyer signature :

ATOLL ELECTRONIQUE® *is a French Company who design, manufacture and commercialise all its products.*

DAC200 *Signature*

ATOLL
E L E C T R O N I Q U E