

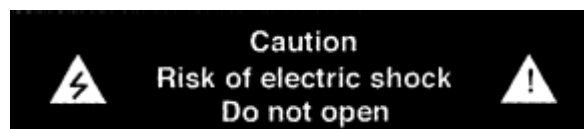
# Reference CD2.2MKIII HD

## (24bit 192KHz Digital input)

### SAFETY INSTRUCTION

To avoid personal injury or damage to equipment, please ensure that you read this manual in its entirety before attempting to operate the equipment. Please retain this manual for future reference.

TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT UNDER ANY CIRCUMSTANCES REMOVE ANY PARTS OF THE EQUIPMENT COVER. THERE ARE NO USER SERVICEABLE PARTS INSIDE. ALL SERVICING MUST BE CARRIED OUT BY QUALIFIED SERVICE PERSONNEL.



*This icon marks a presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.*



*This icon marks important operating, maintenance and service information that should be read to prevent possible personal injury*

### WARNINGS



#### **Do Not Disassemble**

Do not attempt to service the equipment beyond that described in this manual. Touching the equipment's internal parts could result in severe personal injury. All other servicing or problems as listed below should be referred to qualified Consonance service technicians:

The power supply cord or plug has been damaged

Objects have fallen or liquid has been spilled into the equipment

The equipment does not appear to function normally or exhibits a marked change in performance

The equipment has been dropped or the enclosure damaged

Do not under any circumstances allow anyone to modify your Consonance equipment without first checking with Opera Audio, your dealer, or your distributor. Unauthorized modifications will invalidate your guarantee.

### **Power Source**

The equipment should be connected to a power supply only of the type described in this manual or as marked on the equipment.

### **Grounding or Polarization**

Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the amplifier.

### **Ventilation**

The equipment should be situated so that its location or position does not interfere with its proper ventilation.

The equipment must not be placed on bed, sofa, or similar surfaces, that may block the ventilation openings,

The equipment must not be placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air.

The equipment should be situated away from heat sources such as radiators, heat register, stoves, or other electronic appliances that produce heat. This equipment is not intended for commercial use.

### **Water and Moisture**

The equipment should not be used near water, e.g., near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool etc. Similarly, do not placed objects filled with liquid, such as vases on top of the equipment.

### **Lighting**

Consonance hi-fi system can be damaged by lightning. Power amplifiers are particularly at risk and therefore should be turned off when there is risk of lightning strike. For complete protection all mains plugs and any aerial cables should be disconnected when not in use.

### **Power Lines**

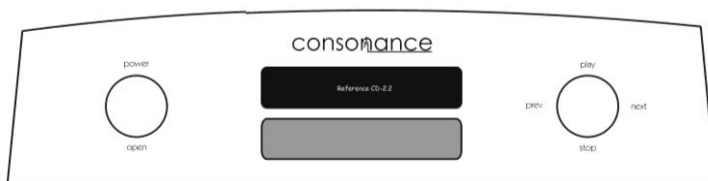
In case of connecting a tuner, an outdoor antenna should be located away from power lines. If an outside antenna is connected to the system, be sure the

antenna is grounded so as to provide some protection against voltage surges and built up of static charges.

### **Cleaning**

Never clean with furniture polish, benzene, or volatile liquids. Dust periodically with a clean, soft paint brush. Fingerprints can be removed with a moist polishing cloth.

## **GENERAL TIPS**



The CD player has only two knobs. The knob on the left hand side of the front panel has 2 function, the right one has 4 function.

### **Power on / off**

The CD-player is switched on by lifting the **bottom** of the knob on the left hand side of the front panel using a finger. By lifting the same position of this knob one more time the power is switched off.



When power is switched on. After about 40 seconds **the RCA output active.**

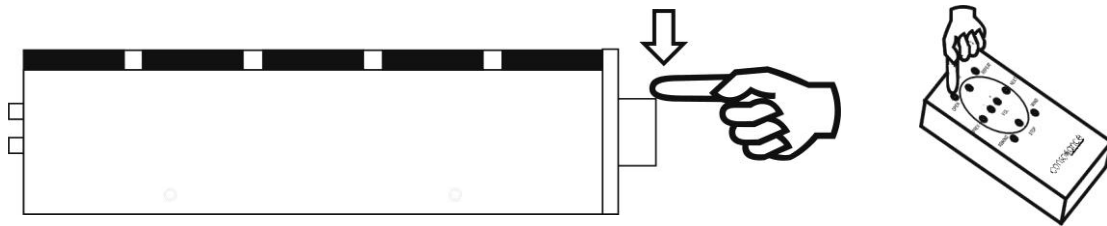
**Note: It takes about 1 minute for the 6H30 tube to reach its normal operating point, and only slight sonic improvement will be noticed after 5 minutes.**

### **Open / Close**

Pushing down the **top** of the knob on the left hand side of the front panel using a finger will open the CD tray loader, and the CD can be placed in the tray.

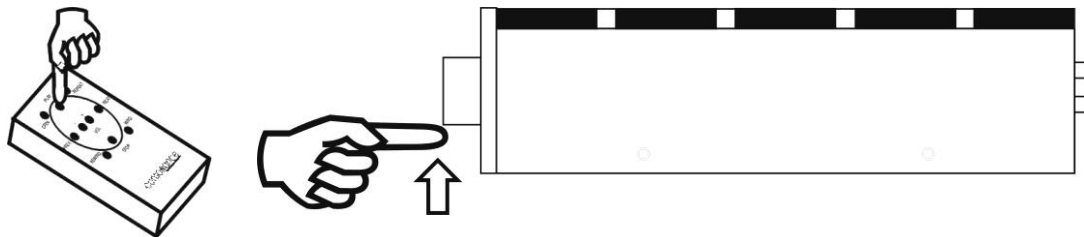
To close the CD tray loader, push down the same position of the knob one more time.

The CD tray loader can also be closed by pushing the tray loader gently inwards.



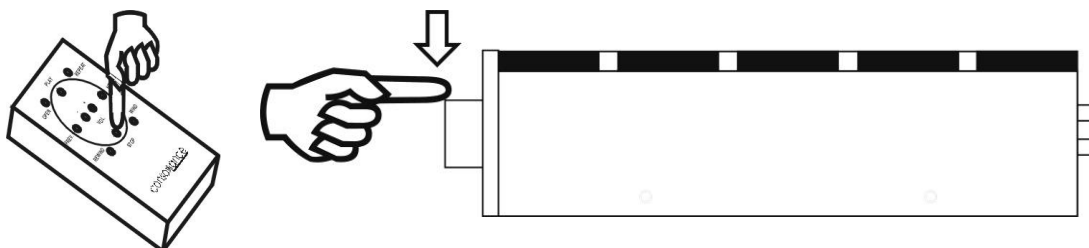
## Play / Pause

Lifting up the **bottom** of the knob on the right hand side of the front panel using a finger makes the player start playing. If the **bottom** of the knob is lifted up when a track is playing the player will go into pause mode. One more lift up at the same position of the knob and the player will start playing again from the same position on the CD. The pause function is indicated by the display flashing the track and time when the pause was selected.



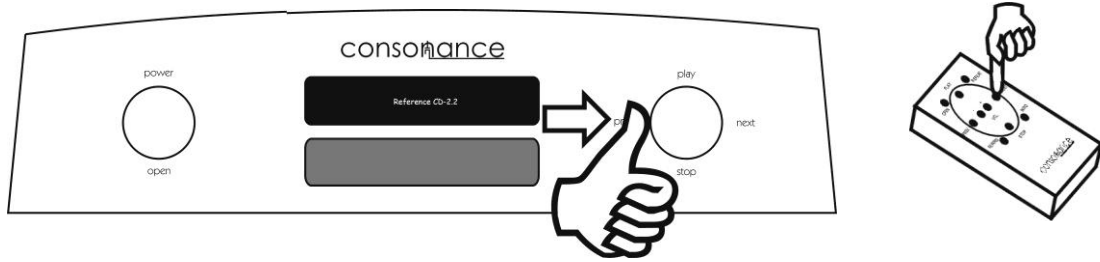
## Stop

Pushing down the **top** of the knob on the right hand side of the front panel using a finger makes the player stop playing the CD.



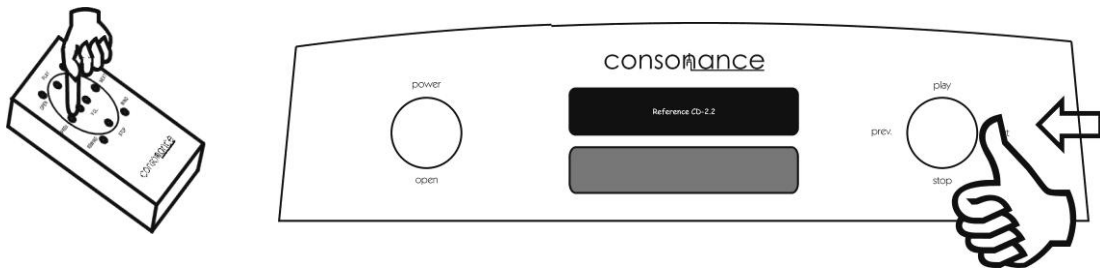
## Next track

Pushing rightward the **middle left** knob on the right hand side of the front panel makes the player jump to the next track on the CD. For every time this action is done the player will move one track forward.



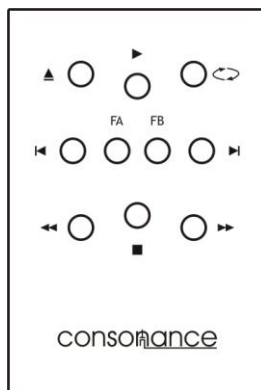
### Previous track

Pushing leftward the **middle right** knob on the right hand side of the front panel using a finger makes the player jump to the beginning of the track that is playing. For every time this action is done the track playing will move one track backwards.



### REMOTE CONTROL

The Consonance Reference CD2.2MKIII HD can be controlled by remote control. Like other Hi-End products, the number of buttons on the remote is kept to a minimum. The remote control uses two 1.5-volt LR03 AAA batteries.

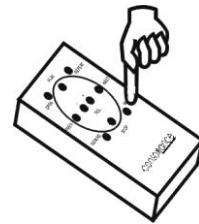


### Additional functions available on the remote control

By using the Consonance Remote control the functions search (▶▶,◀◀) and ↻, **FA**, **FB** can be selected.

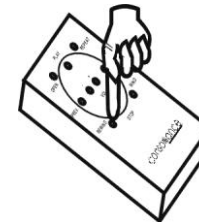
**fast forward**

Searching fast forward is selected by holding down the ▶▶ button on the remote control. The search speed will start slow and will increase to high after some seconds.



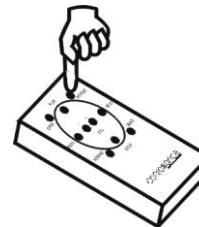
**fast backward**

Searching fast backwards is selected by holding down the ◀◀ button on the remote control. The search speed will start slow and will increase to high after some seconds.



**Repeat CD**

To repeat the complete CD, press the ↻ button once. "r d" will be displayed in the display.

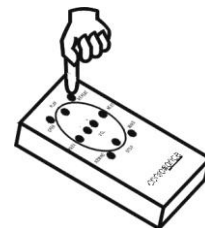


**Repeat track**

To repeat the track playing, press the ↻ button twice. "r t" will be displayed for two seconds in the display

**Cancel repeat**

To cancel repeat , press the ↻ button third. Nothing in the display



**Repeat CD**

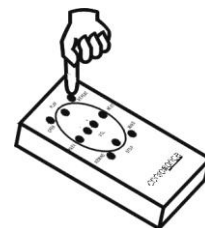
To repeat the complete CD, press the ↻ button once. "r d" will be displayed in the display.

**Repeat track**

To repeat the track playing, press the ↻ button twice. "r t" will be displayed for two seconds in the display

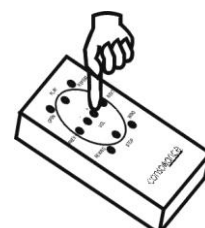
**Cancel repeat**

To cancel repeat , press the ↻ button third. Nothing in the display



**Volume+**

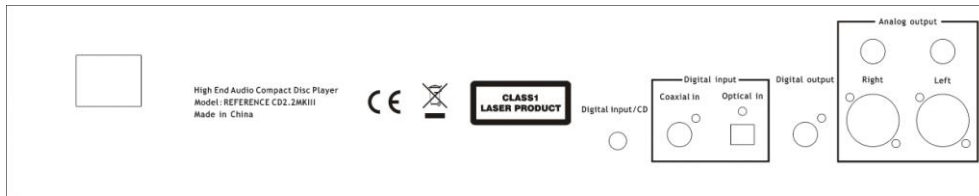
Let output level up is selected by holding down the **FB** button on the remote control.



## Volume-

Let output level down is selected by holding down the **FA** button on the remote control.

## Back panel of CD-player from left to right the connectors are :



AC Power connection 240V / 230V / 220V / 115V / 100V AC dependent on country. Digital input/CD select (The switch on the back can change the CD and Digital input function). Co-axial and Optical/Tos-link digital input. Digital output Phono/RCA. Unbalanced vacuum tube outputs Phono/RCA right/left. Balanced signal outputs XLR right/left

We recommend to connect signal cables to the CD-player when the CD-player and all the other units of the audio system is switched off.

The CD-player has two types of analog audio outputs: unbalanced (vacuum tube) audio signal with RCA plugs (phono plugs) and true balanced audio signal with XLR plugs (pin 2 is positive phase, pin 3 is negative phase and pin 1 is chassis earth).

The CD-player has got one RCA standard SPDIF digital audio output. Digital signal level is 0.5Vpp when terminated in 75 ohm load. This is the standard load impedance of external DAC's and other recording equipment.

The CD-player has got one RCA standard co-axial and optical digital input. When the switches on the digital input, the CD-player becomes a DAC.

## TECHNICAL SPECIFICATIONS

DAC resolution	24bit 192KHz multilevel sigma-delta with Asynchronous upsampling
0dBFS signal output	2.3V RMS (RCA), 4.6V (XLR)
Output Terminals	Gold plated Tube RCA unbalanced and gold plated XLR balanced
Frequency response	Less than +/- 0.1 dB deviation 20Hz-20kHz
Signal-to-noise ratio	More than 110dB (XLR output)
Signal-to-noise ratio	More than 100dB (Vacuum tube RCA output)
Distortion (XLR)	Less than 0.0025%
Distortion (RCA)	Less than 0.03%
Remote Control frequency	Philips RC-5 compatible IR system 36kHz modulation frequency
Vacuum tube	Sovtek 6H30 x1
Dimensions / Weight	12cm x 43cm x 33cm (HxWxD) / 16kg(wood top panel)
Dimensions / Weight	12cm x 43cm x 33cm (HxWxD) / 18kg(Metal top panel)



## WARRANTY

Opera audio guarantees each product manufactured by us to be free from defects in materials and workmanship under normal use. Our obligation under this warranty is limited to making good at our factory any part or parts thereof which shall, within 1 year after delivery to the original purchaser, be returned to us with transportation charges prepaid, and which an examination shall disclose to have been thus defective; this warranty being expressly in lieu of all other warranties expressed or implied and of all other obligations or liabilities on our part. This warranty shall not apply to any Opera audio product which shall have been repaired or altered outside of our factory in any way so as to affect its stability, nor which has been subject to misuse, negligence or accident. Warranties of the vacuum tubes are by the respective manufacturers, usually 90 days.

**Please mail or e-mail the Registration Card to the address as follows:**

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**support@opera-consonance.com**  
**www.opera-consonance.com**



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