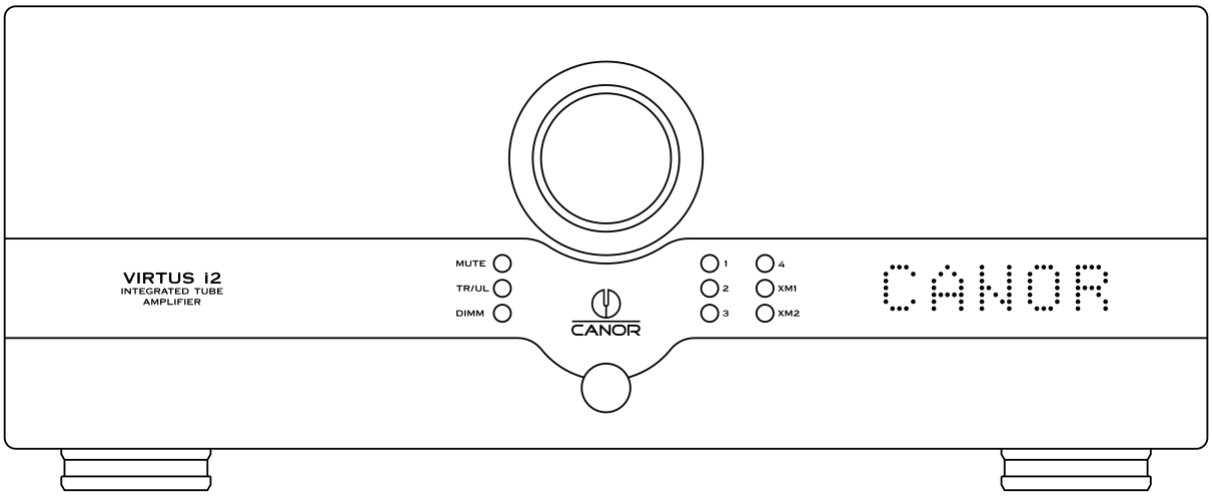
USER MANUAL



CANOR

CANOR VIRTUS I2

Integrated Tube Amplifier

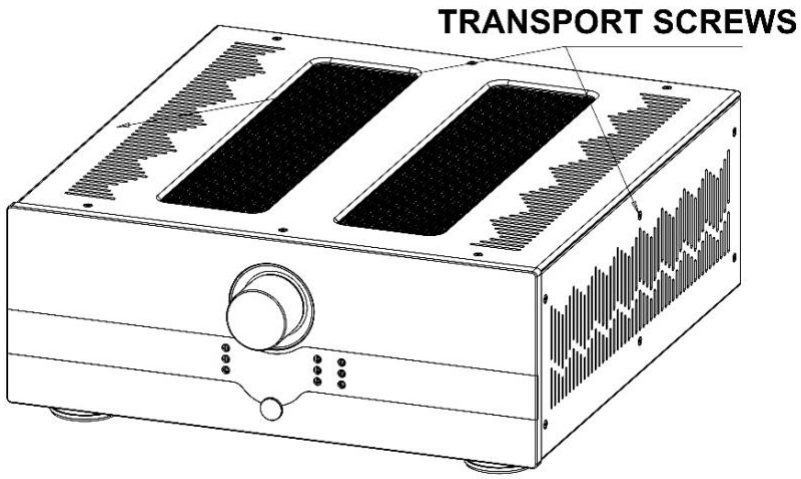
Dear Music Lover,

thank you for purchasing our CANOR VIRTUS I2 Integrated Tube Amplifier. To preserve and maintain the best characteristics of your amplifier, we recommend you carefully read the following lines

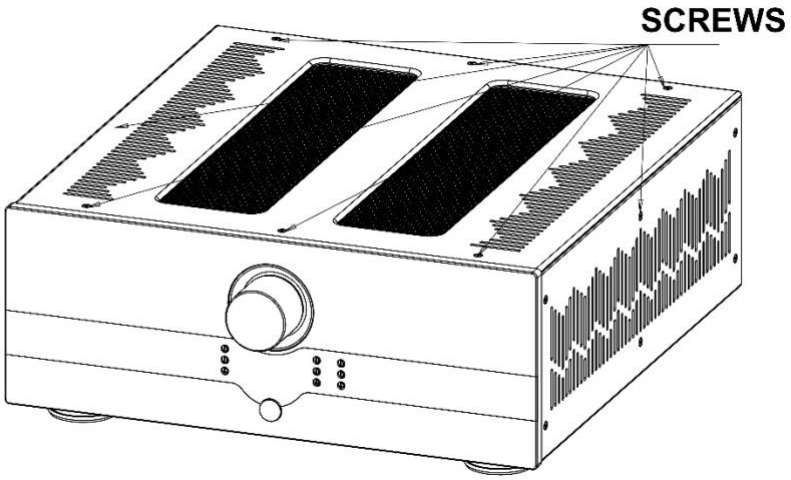
KT88 POWER TUBES INSTALLATION GUIDE

Please note that because of transport safety, the tubes were removed from the device, and it is, therefore, necessary to instal the power tubes after you receive your amplifier.

1. The top cover is secured with two transport screws in the middle on the upper sides of the side panels.



2. Unscrew and take off the top cover and you will see 4 tube sockets with stickers marking Tube 1 and Tube 4.
3. Peel off the stickers from the tube sockets and install the KT88 power tubes (T1 – T4) to their dedicated sockets.
4. Put the top cover back and screw all screws on the sides and on the top (some spare torx screws are packed also).



SAFETY INSTRUCTIONS

Please read before putting the device into operation.

1. Read the instructions – all safety information and instructions should be read before using the amplifier.
2. Keep the user manual – the safety and user instructions manual should be stored for possible later use.
3. Follow the instructions – all safety and user instructions should be followed.
4. Water and moisture – the VIRTUS I2 amplifier should not be placed near water, for example near bathtubs, swimming pools, kitchen sinks, etc...
5. Accessories – do not use accessories not recommended by the manufacturer.
6. Placement – do not place a device on an unstable pad. The device may fall, which can cause serious injuries to children or adults, as well as damage to the device. Use only pads or racks recommended by the manufacturer or pads sold to dealers with this device. Any placement of the device should be in accordance with the manufacturer's instructions and only accessories recommended by the manufacturer should be used.
7. Ventilation – the unit should be placed the way to ensure proper airflow. That means it is not allowed to place the amplifier on a sofa, or on upholstered furniture. The amplifier may not be covered over when in operation; it would otherwise prevent proper airflow around the vent holes of the amplifier.
8. Heat – amplifier must be placed to avoid the heating effect from heat sources, for example, radiators or stoves, or other heat-producing equipment. The distance from the back wall of the unit may not be less than 20 cm, and 20 cm above the area of VIRTUS I2 may not be any barrier. Alongside the unit should be ensured 20 cm minimum distance from other objects.
9. Power source – the device must be connected only to a main supply for what it is designed for.
10. Power cord – it is necessary to pay particular attention to a power cord, it must be positioned to avoid setting foot on it and ensure it is protected against mechanical damage.
11. If you do not use the amplifier for a longer period – you should disconnect the power cord from the mains supply, or at least turn off the main power switch located on the back panel.
12. Objects containing liquid – do not place these objects (vases, flowerpots), so that they can fall on the amplifier and, eventually, prevent the liquid from being leaked out on the amplifier.
13. Damages requiring service – equipment should be repaired only by qualified service if:
    a. The power cord is damaged.
    b. The device dropped into the water or was poured.
    c. The device was exposed to rain.
    d. The device works incorrectly.
    e. The device fell on the ground or is otherwise mechanically damaged.
14. Repairs – all repairs must be entrusted to a qualified service.
15. General warning – use the device only in accordance with this user guide.

The manufacturer declines any liability should these safety measures not be observed. To help you avoid an electric shock, do not expose the amplifier to rain or moisture!

DELIVERY CONTENT

- Shipping packaging
- CANOR VIRTUS I2 Integrated Tube Amplifier
- Remote Control (CR2032 battery required)
- Power cord
- Set of precisely selected KT88 tubes
- Textile gloves
- TX10 screwdriver / screws
- CANOR VIRTUS I2 user manual with a tube installation guide

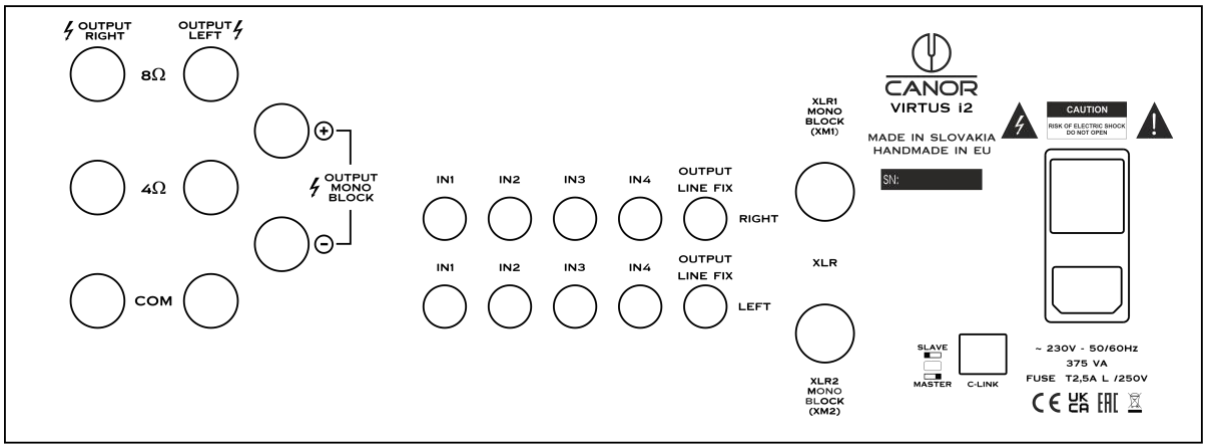
FRONT PANEL

- **VOLUME KNOB –** Amplifier volume control knob.
- **POWER –** Turning on and off the amplifier.
- **MUTE –** An instant muting of the volume. Subsequent pressing results in default volume.
- **TR / UL –** Pressing this button switches between a triode and an ultra-linear mode. Short press shows the selected mode („Triode“ or „U-linear“) on a display. Repeated pressing selects the other mode. The default mode is Triode.
- **DIMM –** Sets the display brightness in steps. From a turned-off display to its maximum brightness. After turning it on, the display is in its middle brightness level. In the state of a turned-off display while operating the device with function keys the display lights up and after a few seconds, the display turns off again.
- **1, 2, 3, 4 –** Input selector.
- **XM1, XM2 –** Input selector for Monoblock mode only.

** It is highly recommended to stop or pause the source of the signal in case you are switching between Triode and Ultralinear mode.*

BACK PANEL

- **LEFT / RIGHT SPEAKER OUTPUTS –** 4 and 8 Ohm separated terminals.
- **MONOBLOCK OUTPUT –** A pair of terminals only for Monoblock set-up.
- **IN1, IN2, IN3, IN4 –** Left / Right RCA inputs.
- **OUTPUT LINE FIX –** Fix RCA output.
- **XM1, XM2 –** XLR input only for Monoblock set-up.
- **C-LINK and MASTER/SLAVE switch –** Communication interface for Monoblock set-up.
- **POWER –** Mains power inlet / mains switch with mains fuse.



OUTPUT LINE FIX (FIX.OUT)

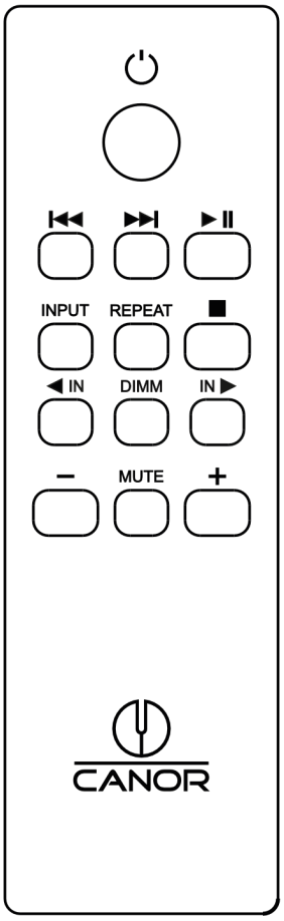
Virtus I2 is equipped with one pair of fixed RCA line outputs (Line Fix / Fix.Out). The fixed RCA line output transfers the selected input signal without amplification and it is primarily intended for use with a headphone amplifier, preamplifier, another integrated amplifier or a powered subwoofer.

Note: in the case of the powered subwoofer, it is necessary to set the volume also directly on the subwoofer.

REMOTE CONTROL

Do not expose the sensors of your remote control to direct sunlight or to other strong light sources. Remote control operates at an angle of 60 ° to about 5 meters. Aim your remote control at the sensor on the device. There may not be any obstacles in the way between the sensor and remote control.
If the appliance is placed behind glass, it may result in shortening the operating distance of a remote control (according to the color and strength of the glass). The keys on the remote control have the same function as the keys on the front panel of the device.

The remote control is compatible with your Integrated Tube Amplifier Virtus I2.



Amplifier / Preamplifier features

- **ON / OFF –** Turning on and off the amplifier.
- **DIMM –** Sets the display brightness in steps.
- **◄IN –** Input selector.
- **IN►** – Input selector.
- **- VOLUME + –** Volume control keys.
- **MUTE –** Instant muting of the volume.

*** CD Player features**

- **|<< BACKWARD –** One short press jumps to the beginning of a track. If playback time lasts longer than 5 seconds, further pressing results in jumping one track back. When pressed for a longer time playback moves smoothly backwards.
- **>>| FORWARD –** A short press skips one track forward, when pressed for a longer time, playback moves smoothly forward.
- **►‖** – Resumes and pauses CD playback.
- **■** – Ceases CD playback.
- **INPUT –** Input selector.
- **REPEAT** – Allows you to cyclically opt for single-track repeat, entire disc repeat, or disable repeat.

* Not supported for Virtus I2.

BASIC FUNCTION OF REPRODUCTION

Plug the power cord in VIRTUS I2. Turn on the device with the Power Main Switch, which is located on the back panel. When you turn on the main switch, the VIRTUS I2 will be set into standby mode – the red LED on the front panel lights up. After pressing the Power button (on the front panel or the remote control), a controlled turning-on sequence gets initiated, which consists of preheating the tubes, thereby extending their life span. The cooling cycle is carried out when the unit is turned off, if the main switch on the back panel is not turned off, i.e. after turning off via the button on the front panel, or remote control, and a 45-second countdown to cooling without indication begins. If you turn on the unit at this time, the cooling will continue and will be indicated by a flashing red LED. When the cooling cycle is over the main toroidal transformer gets connected (the CANOR logo lights up), and then the slow start-up of voltage begins.
This cycle lasts 45 seconds and then the red LED stops flashing, an output relay connects the signal to the last selected input if the main power supply does not get diconnected. During the first turning on or disconnecting of the main power supply IN1 input gets preselected and the volume level is set to - 44dB. Volume is being set in 63 steps by 1dB. The highest volume is MAX dB, the lowest being - 63dB. Another step is MUTE. You can control the volume with a big control knob on the front panel. The volume is being controlled by a relay attenuator with an accuracy of concurrence better than 0.05dB.
You can connect both 4- and 8-Ohm loudspeakers. The amplifier has separated terminals for each type.

MONOBLOCK MODE
As the amplifier has all its basic functions controlled electronically, we have capitalized on this advantage and adjusted amplifier control the way to be able to use a stereo amplifier as a monoblock. We, therefore, developed a special protocol and a C-link communication interface. This solution benefits from a great advantage, hence the monoblocks do not need a control preamplifier and VIRTUS I2 can thus be used as an integrated stereo amplifier and as a Monoblock. Attenuators ensure absolute channel concurrence. How it works: Two VIRTUS I2 connect by an RJ45 data cable via a C-link bus. The switch next to the C-Link connector will determine the Master unit and Slave unit. At this moment one amplifier becomes a MASTER and the other one a SLAVE. The MASTER amplifier then takes over the entire control of both amplifiers synchronous-wise. SLAVE amplifier has all the control elements turned off.

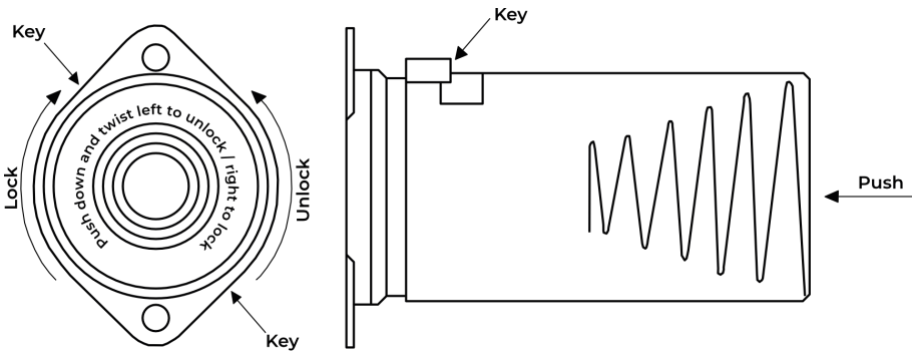
Interconnecting two VIRTUS I2 amplifiers by a data cable must be carried out when both amplifiers are turned off!! Caution! Make all connections only if the device is disconnected from the mains!

IMPORTANT NOTE
In standard stereo use of the VIRTUS I2 amplifier, the Master / Slave switch must be set to MASTER! In Slave mode, all the control elements of the amplifier are turned off.

VACUUM TUBE ANTI-RESONANCE COVER
The Virtus I2 vacuum tubes (1 x 12AX7, 2 x 12AT7) are housed in anti-resonance covers that not only provide anti-resonance and shielding properties but also protect the tubes during transportation.
If you need to replace the tubes, follow these steps to remove the cover:

1. Gently press and turn the cover to the left.
2. Slide the cover out of the locking grooves and lift it off.

After replacing the tube, carefully reposition the cover by aligning it with the locking grooves. Press down gently and turn it to the right to lock it in place.



CAUTION!
The Waste Electrical and Electronic Equipment Directive Regulation of the European Union 2002 / 96 / EC governs the issue of separate waste collection.
This device may not be disposed of in unsorted municipal waste. Devolve the appliance into a collection center for recycling and disposal of electrical and electronic equipment waste. Correct disposal of waste does not cause negative impacts on the environment and human health. You will thus contribute to the protection of the environment.

EUROPEAN COMMUNITY DIRECTIVES
This product is designed and manufactured to comply with existing laws of the European Community. This product is certified by a testing laboratory and bears the CE mark.

GUARANTEE CONDITIONS

Your CANOR VIRTUS I2 power tube amplifier is guaranteed against any defect in materials and workmanship for 24 months from the date of purchase except for audio vacuum tubes that are covered by warranty for three months.

The warranty only applies if an original proof of purchase and acknowledged certificate of warranty can be furnished. The warranty covers defects in materials and labour but does not cover misuse, unauthorized modifications, and external causes such as acts of nature.

SPECIFICATIONS

Amplifier Class	A
Stereo Output Power	2 x 40 W / 4, 8 Ω – Ultralinear 2 x 20 W / 4, 8 Ω –Triode
Monoblock Output Power	1 x 80 W / 8 Ω – Ultralinear 1 x 40 W / 8 Ω – Triode
Gain	30 dB (at 8 Ω) 28 dB (at 4 Ω)
Input Sensitivity	500 mV
Frequency Range	10 – 50 000 Hz – 0.5 dB / 5 W
Input Impedance	30 k Ω
Stereo Inputs	4 x RCA
Stereo Outputs	1 x RCA Line-Out (Line FIX)
Monoblock Inputs	2 x XLR (XLR active in monoblock connection only)
Total Harmonic Distortion	< 0.05 % / 1 kHz, 5 W
THD Monoblock	< 0.008 % / 1 kHz, 5 W
Signal-to-noise Ratio (Stereo)	> 95 dB
Signal-to-noise Ratio (Monoblock)	> 100 dB
Tube Complement	1 x 12AX7, 2 x 12AT7, 4 x KT88
Power	230 V / 50 Hz / 375 VA
Dimensions (W x H x D)	435 x 175 x 450 mm
Dimensions (W x H x D with knob & connectors)	435 x 175 x 515 mm
Weight (Net)	28 kg
Weight (Gross)	36 kg

CANOR

CANOR, spol. s r.o., Druzstevna 39, 080 06 Presov, Slovakia

www.canor-audio.com
sales@canor-audio.com
+ 421 51 7710 396

04/09/2026