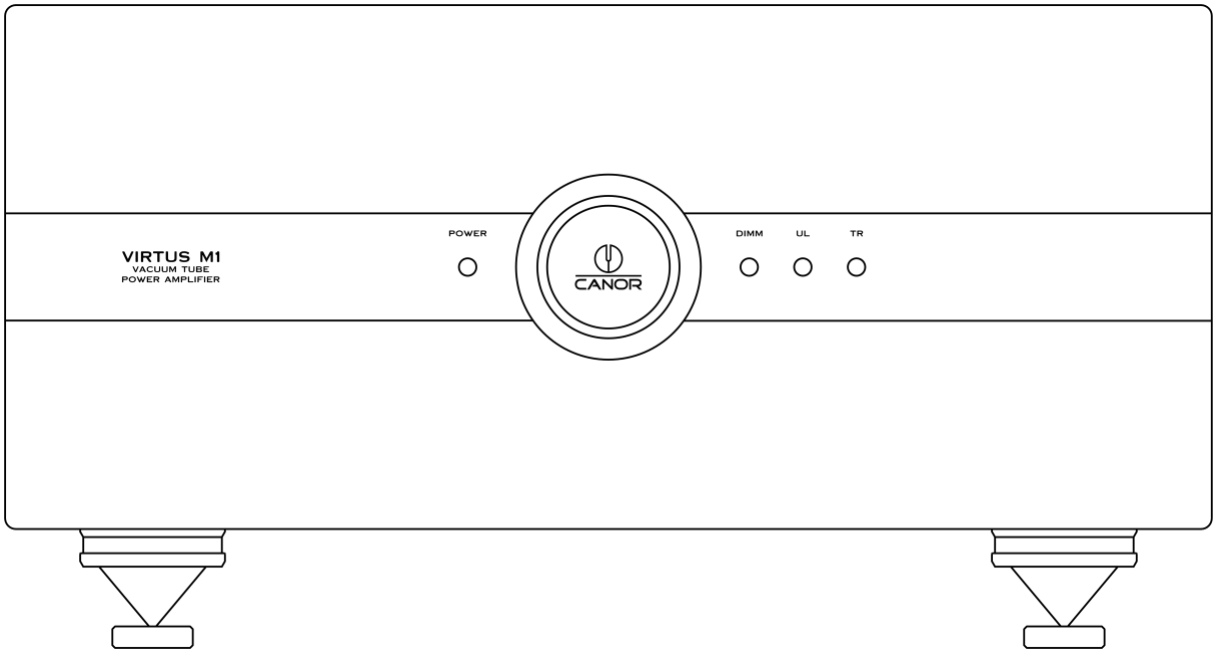
USER MANUAL



CANOR

CANOR VIRTUS M1

Mono Tube Power Amplifier

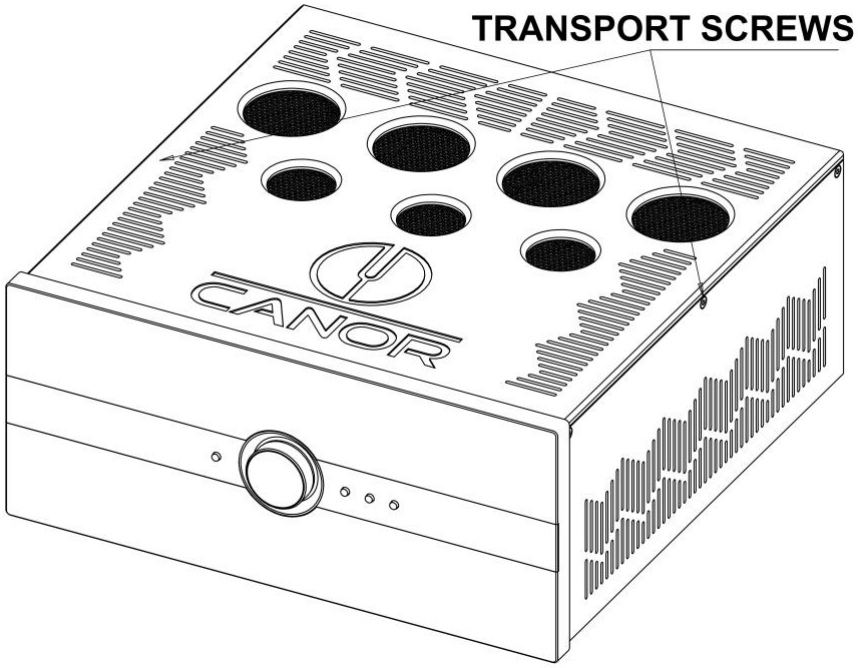
Dear Music Lover,

Thank you for purchasing our CANOR VIRTUS M1 Mono Tube Power Amplifier. To preserve and maintain the best characteristics of your amplifier, we recommend you carefully read the following lines.

KT150 POWER TUBES INSTALLATION GUIDE

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

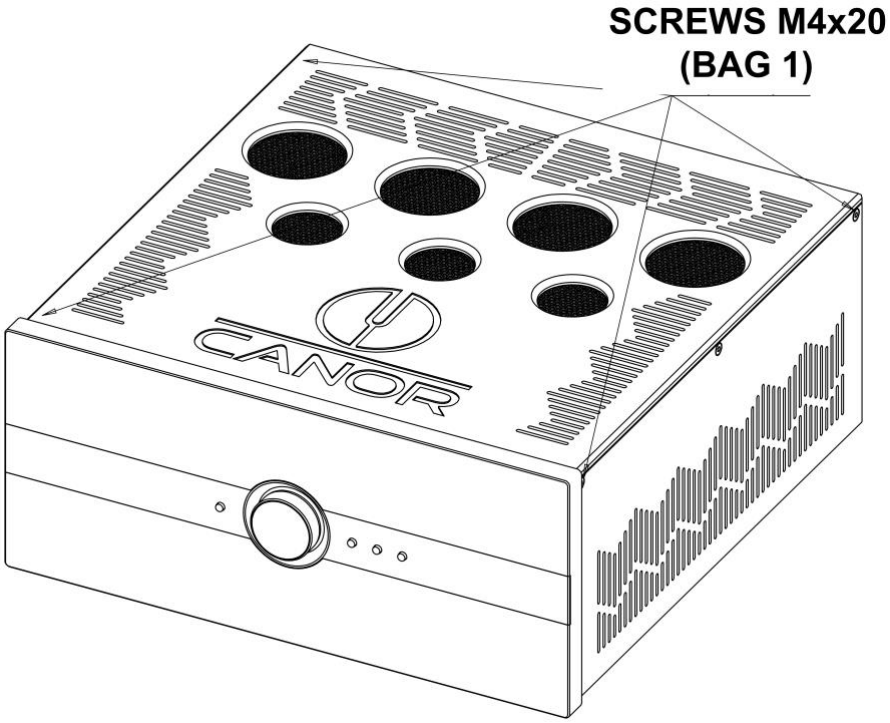
1. The top cover is secured with two transport screws in the middle on the upper sides of the side panels.

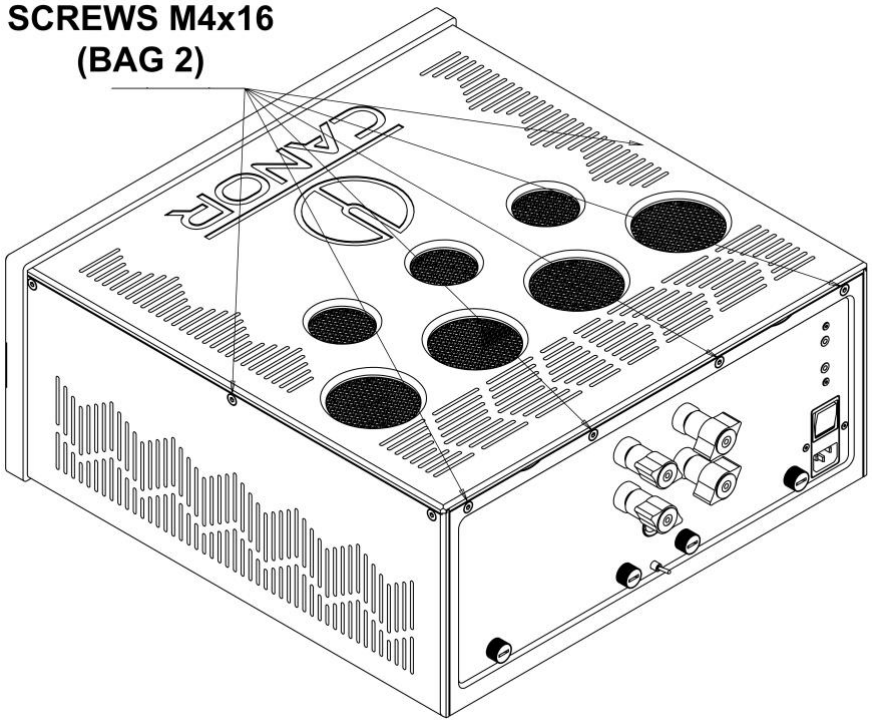


2. Unscrew and take off the top cover, and you will see 4 tube sockets with stickers marking Tube 1 and Tube 4.
3. Peel off the stickers from the tube sockets and install the KT150 power tubes (T1 – T4) to their dedicated sockets.
4. Put the top cover back and screw all the screws on the sides and on the top (some spare Torx screws are also packed).

Screws

- 4 x M4x20 (bag no. 1) – To secure the top cover's front and backside.
- 6 x M4x16 (bag no. 2) – For the back and sides of the top cover (some spare Torx screws are also packed).





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 M1 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 so as 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 M1 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 in order 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 of time – 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 in the event that:
    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

1. Shipping packaging
2. CANOR VIRTUS M1 Mono Tube Power Amplifier
3. Power cord
4. Trigger cable
5. Feet felt pads, spikes, and spike shoes
6. Set of precisely selected power tubes KT150
7. Textile gloves
8. TX20 screwdriver / screws
9. CANOR VIRTUS M1 user manual

To eliminate vibrations, you can install the spikes and spike shoes on the standard flat legs of the device. In order to do so, just peel off the felt from the standard flat legs and screw the spikes in. Spikes and spike shoes are included in the device package.

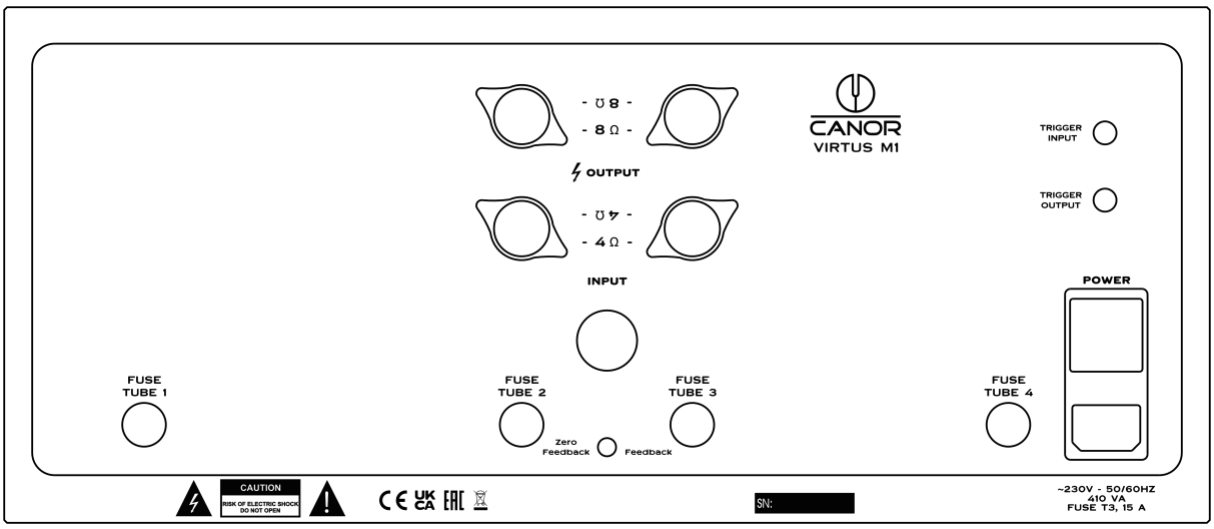
FRONT PANEL

- **POWER –** Turning on and off the amplifier.
- **UL –** Pressing this button switches to an ultra-linear mode.
- **TR –** Pressing this button switches to a triode mode.
- **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.

** 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

- **FUSE TUBE 1 / FUSE TUBE 4 –** 5 x 20 T315mA.
- **TRIGGER INPUT** – Input for triggering cable from the preamplifier.
- **TRIGGER OUTPUT –** Bypass output for triggering cable.
- **POWER –** Mains power inlet/mains switch with mains fuse.
- **INPUT –** Analog 3pin XLR input.
- **OUTPUT –** Dedicated 4- and 8-Ohm speaker terminals.
- **ZERO FEEDBACK / FEEDBACK –** Enables instant switching between the connection with the feedback or with zero global feedback.



BASIC FUNCTION OF REPRODUCTION

Plug the power cord in VIRTUS M1. Turn on the amplifier with the Power Main switch, which is located on the back panel. When you turn on the main switch, the VIRTUS M1 will set into standby mode - the red LED on the front panel lights up. After pressing the Power button on the front panel, the controlled turning-on sequence gets initiated, which consists of preheating the tubes, thereby extending their life span. The cooling cycle is also being 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 button on the front panel, the 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 then the main transformer gets connected 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 input if the main power supply does not get disconnected.

You can connect both 4- and 8-Ohm loudspeakers. The amplifier has separated terminals for each type.

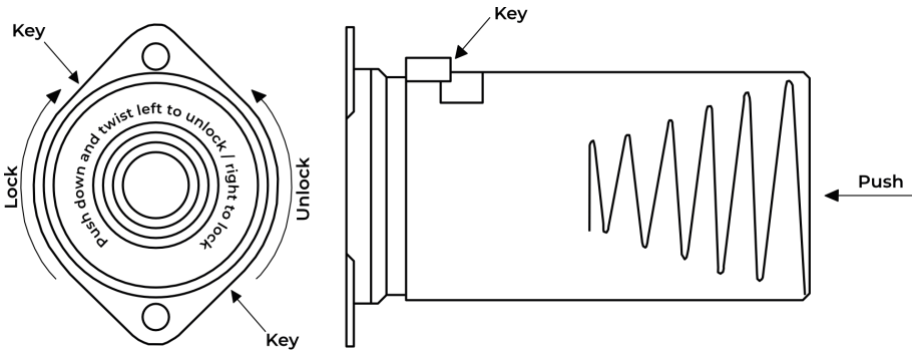
VACUUM TUBE ANTI-RESONANCE COVER

The Virtus M1 vacuum tubes (1 x ECC81, 2 x ECC82) 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 M1 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.

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

Output power	1 x 110 W / 8 Ω – Ultralinear (THD < 3 %) 1 x 55 W / 4, 8 Ω – Triode (THD < 3 %)
Gain	24 dB / 4 Ω
Frequency range	10 – 50 000 Hz ± 0.5 dB / 5 W
Input impedance	200 kΩ
Input	1 x XLR
Total Harmonic Distortion	< 0.05 % / 1 kHz, 5 W / 8 Ω – Ultralinear < 0.005 % / 1 kHz, 1 W / 8 Ω – Ultralinear
Signal-to-noise ratio	> 103 dB (20 Hz – 80 kHz)
Tube complement	4 x KT150, 2 x ECC82, 1 x ECC81
Power	230 V / 50-60 Hz / 410 VA
Dimensions (W x H x D)	450 x 210 x 450 mm
Dimensions (W x H x D with knob & connectors)	450 x 210 x 505 mm
Weight (Net)	40 kg
Weight (Gross)	46 kg

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

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

02/09/2026