

X TONE BOX

Silver 6011

INTEGRATED STEREO HYBRID TUBE AMPLIFIER

USER MANUAL

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IMPORTANT SAFETY INSTRUCTIONS

Intended to alert the user of the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

Intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

CAUTION: Risk of electrical shock — **DO NOT OPEN!**

CAUTION: To reduce the risk of electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.

WARNING: To prevent electrical shock or fire hazard, this unit should not be exposed to rain or moisture, and objects filled with liquids, such as vases, should not be placed on this unit. Before using this unit, read the operating guide for further warnings.

WARNING: When using this product or any other electrical products, basic cautions should always be followed, including the following:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not cover with cloths or blankets for satisfactory ventilation.
8. Do not install near any heat sources.
9. Always use the IEC main power cable from your area, ground lug is needed.
10. To insert or remove the audio valves, the device must always be switched off and disconnected.
11. Do not touch or kick the audio valves when the amp is powered, they are hot and delicate.
12. Unplug this unit during lightning storms or when unused for long periods of time.

AFTER UNPACKING

It will be to your advantage to save all the packing materials, carton, fillers, cushioning, etc. They will prove valuable in preventing damage should it become necessary to transport or ship the Silver 6011. Be careful that you do not inadvertently throw away or lose the parts packed with the unit.

Please inspect this unit carefully for any signs of damage incurred in transit. It has undergone very strict quality control inspections and tests prior to packing, and it left our workshop in Spain unmarred and in perfect operating condition. If the unit was shipped directly to you and you discover damage, notify the transportation company without delay. Only you, the consignee, may institute a claim against the carrier for damage during shipment. However, we will cooperate fully with you in such an event. Save the carton as evidence of damage for their inspection. If you received the unit directly from a XTONEBOX dealer, return it to him for adjustment.

OVERVIEW

Our Silver 6011 amplifier represents the fusion between the best sound of the past with today's effectiveness. We have combined the warm and defined sound of audio valve technology and the use of turntables with today's audio-wireless Bluetooth solutions. Everything powered by a Class-D power stage that multiplies the good design of this preamplifier.

You can plug your turntable to an authentic audio valve circuit, just as the ones used at vinyl's golden years. You'll first notice a clear and strong sound that will be followed by hours of enjoyment listening to your records.

We also have included a Bluetooth circuit so you can listen music wirelessly using your smartphone, tablet, iPhone, iPad, PC, Mac or any other Bluetooth device. It isn't a simple Bluetooth connection, it is a circuit that implements Qualcomm aptX technology and provides a high definition audio experience.

The Silver 6011 has two auxiliary inputs (AUX 1, AUX 2) thought to be used with devices such as CD player (highly recommended), television, DVD / Blu-ray player or any game console. These inputs only support analog signals. If your device has a digital output, you must use a DAC (Digital to Analog Converter).

Something usual when it comes to audio valve amplifiers is the lack of tone controls. This was usually thought as an audiophile factor or as a failure of designs. We have created an equalization circuit which has no signal loss when its controls are centered. After all, everyone enjoys having the control of the final sound. Why are not we going to be able to adjust the tone on a vinyl record? Why are not we going to be able to give more definition to the cymbals of Miles Davis' Kind of Blue?

For all these reasons we have designed the Silver 6011, handmade using the best components and materials so we can offer a solution for the nowadays most demanding ears.

SPECIFICATIONS

- Integrated amplifier.
- Tube audio preamplifier. ECC83 / 12AX7.
- Turntable Phono tube audio preamp. MM cartridge. ECC83 / 12AX7.
- High definition Bluetooth v4.2 with Qualcomm aptX.
- 2 Aux inputs for analog audio reproduction. CD Player & Multimedia devices.
- Equalization tube audio stage. Lossless Bass and Treble controls.
- Power amplifier: 60W+60W (4ohm) / 45W+45W (8ohm) THD+N 1%.
- Class-D technology power amplifier.
- Frequency Response: 20Hz – 20kHz (+/-0.5dB).
- Delayed time Power On circuit.
- Handcrafted real wood cabinet.
- Handcrafted with the highest quality electronic components.
- Dimensions (H x W x D): 135 x 410 x 245 (mm).
- Weight: 4.6 kg (11 lbs.)

PACKAGE ITEMS

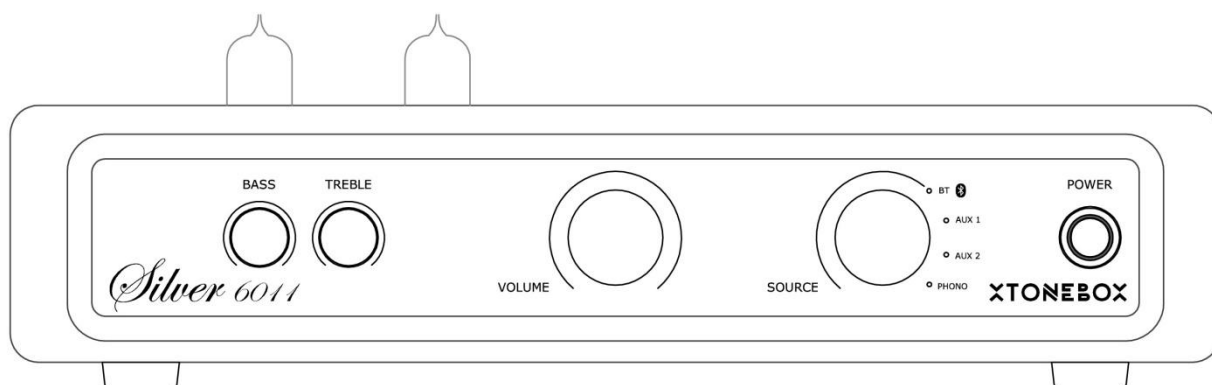
The package includes the following items:

- SILVER 6011 Tube Amplifier
- IEC Cable
- User Manual

SILVER-6011 MkII

This user manual corresponds to the 2nd version of the Silver-6011, to recognize your unit, you can see on the back and you will see a serial number. The MkII version starts from the serial number 00342 onwards.

FRONT PANEL CONTROLS



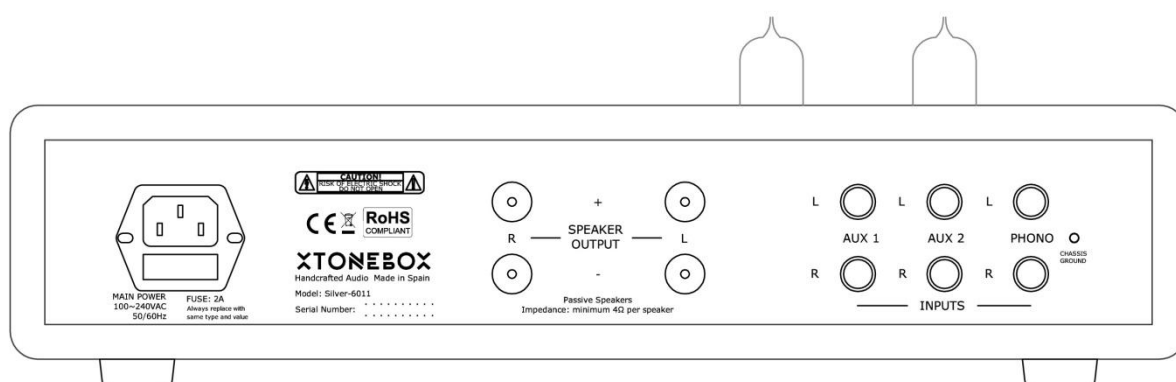
EQUALIZATION CONTROLS (BASS & TREBLE). With these controls you can alter the tonal balance of the signals to suit your individual listening preference.

VOLUME CONTROL. The volume control adjusts the level of the output channel, while maintaining stereo balance.

SOURCE SELECTOR. With this selector you can choose which source you want to hear your music from. The Silver 6011 has four different sources: BLUETOOTH, AUX 1, AUX 2 and PHONO.

POWER BUTTON. Use it to turn on the amplifier. Please, read the POWER ON information before start using this unit.

BACK PANEL CONNECTORS



MAIN POWER. Please, use a IEC cable with ground lug to power on safety.

STEREO SPEAKER OUTPUT. Make sure that each **passive speaker** you connect to this unit has a rated impedance of 4 to 16 ohms.

INPUTS. There are three sources that need to be connected physically to the Silver 6011: AUX1, AUX2 and PHONO. These are stereo, so there are two inputs (R & L) per source.

CHASSIS GROUND. If a hum is heard when playing vinyl records, this is an indication that the record player or its connections are inadequately grounded or shielded. Connect a separate ground wire from the turntable to the CHASSIS GROUND (as indicated in PREPARATION FOR USE).

POWER ON

Each time you **POWER ON** this unit please check the following points:

- Audio valves are properly installed.
- Each speaker output is connected to its corresponding speaker, using a proper cable. Make sure that the **passive** speakers you are using have a proper rated impedance.
- The IEC Cable are properly plugged. IEC with ground terminal is required for safe operation and reduction of background noise.

To turn on this unit, first press the POWER button (LEDs should light up, if they don't, please verify that the IEC Cable are properly plugged) and wait 30 seconds for the valves to warm up (you should hear a little "*click*" after 30 seconds, this means that the internal audio signal has been enabled). At this point your Silver 6011 will be ready to play your favorite music. Enjoy!

BLUETOOTH

To pair your Silver 6011 with a Bluetooth device, first you have to power on the amplifier so it is discoverable (is not necessary to select BLUETOOTH (BT) source on the amplifier for pairing). Then, set your Bluetooth device to *discoverable*. On the Bluetooth device list shown on your device, select **XTONEBOX Silver-6011**.

When connected, remember to **turn up the volume on your bluetooth device** to maximum or near maximum to have adequate volume with the rest of the inputs.

Now you are ready to listen your music wirelessly and with the best sound quality. To start just select **BLUETOOTH (BT) SOURCE**.

PHONO

Phono circuit was intended for use with turntables that have a standard **MM (Moving Magnet) phono cartridge** with a rated impedance of (approximately) 47,000 ohm. This circuit amplifies the signal giving it extra gain and RIAA EQ, so you shouldn't plug in any other device in PHONO input. The signal processing made by the phono circuit is only needed in case of using a turntable.

When PHONO source is selected **you should maintain your mobile phone away from the amplifier.** It could interfere and produce noise at the output.

AUDIO VALVES INSTALLATION

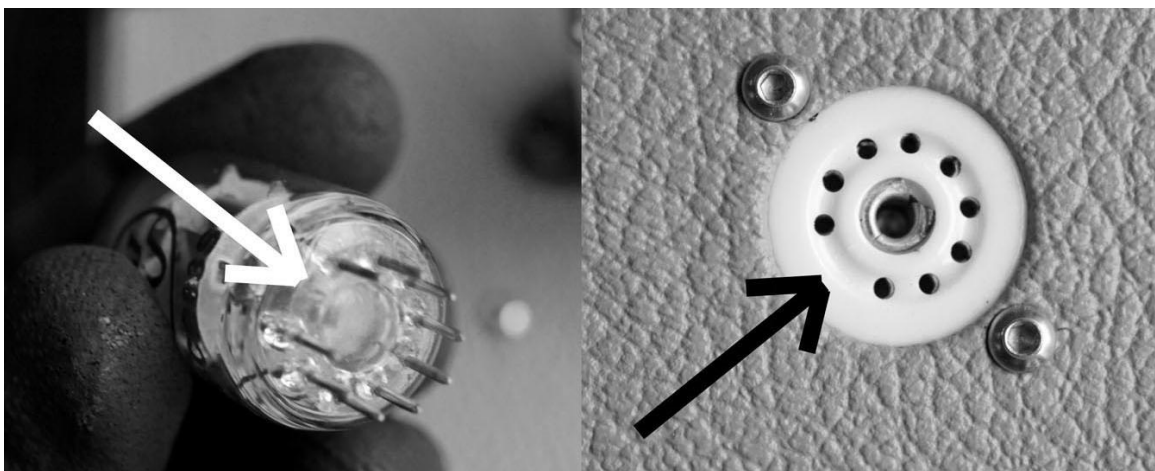
The Silver 6011 Tube Amplifier is delivered with the audio valves already installed (four ECC83/12AX7). However, since you may want to replace them in the future, we have included this guide to make it easier for you.

REMEMBER: Wait at least 2 minutes for the audio valves to get cold before moving the unit.

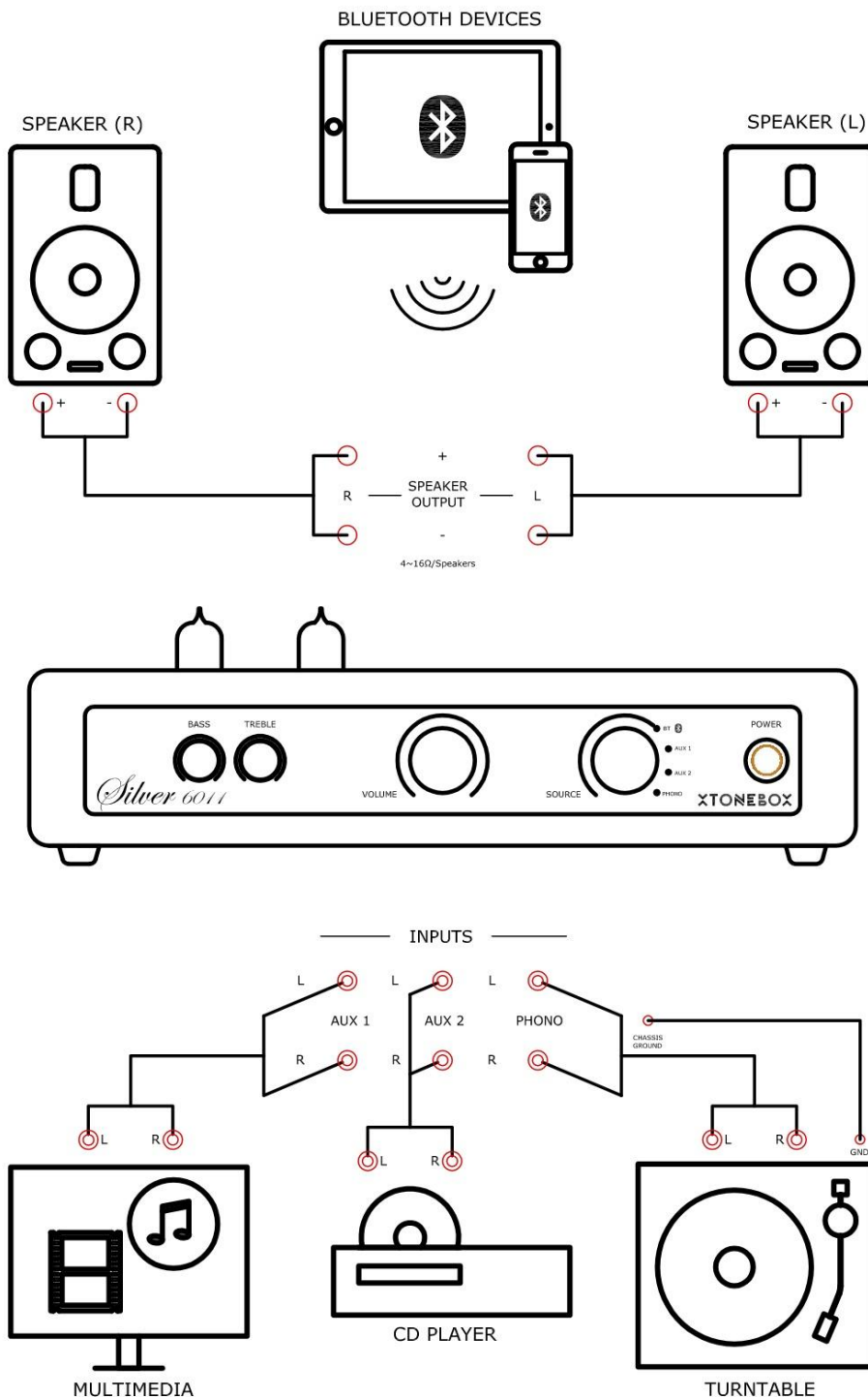
REMEMBER: Power off the unit and disconnect it from its power source before manipulating it.

This type of chassis has an open frame with the audio valves exposed to the outside, which can be inserted and removed whenever you want.

First, hold tightly the cabinet and remove the old valves. Then, for insertion, you must look at the position of the pins relative to its socket. The valves must be securely fixed. The use of gloves is recommended to avoid scratching or spotting them.



PREPARATION FOR USE



We have included this little scheme as a suggestion so you can get the most out of your Silver 6011.

REMEMBER: Silver 6011's PHONO, AUX 1 and AUX 2 inputs are thought just for analog signals. **Digital signals are only supported on Bluetooth mode.**

WARRANTY

Dear customer,

Thanks for trusting in Xtonebox, for us is an honor the purchase of this audio device. This product was designed by us and handcrafted with our hands in Vigo, Spain (Europe). We always look close to manufacturing our product seeking the best quality in every component.

The serial number is in the back panel, please check it, if you prefer send it to us at warranty@xtonebox.com to a better activation of the warranty, remember to add your data and where do you purchase this unit. Now, please, read our warranty info.

Warranty: All our products pass several tests during production, and of course, we do real tests of continuous hours of use, to ensure that all electronic components do not have defects. On the other hand, technical sound measurements are made to determine the entire set of electronic components is working properly and that the frequency spectrum and signal processing is such that we have designed. All these tests are necessary to guarantee that our products are ready for the customer.

Xtonebox offers a **2 years warranty** on our products. Tubes, speakers, and reverb tanks carry a 90 day warranty and are subject to the same terms and conditions as following.

Any products found to be defective within the applicable period will be replaced or repaired. Without any charge provided that:

- The product was not modified, misused, abused, improperly maintained by any person not authorized by Xtonebox.
- Failure resulted from a defect in material or workmanship and was not damaged due to use other than its intended use.
- The product was not used in abnormal, excessive, or unusual operating conditions.

Best regards from the XTONEBOX team.



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