

LINNENBERG

Owner's Manual

BIZET



For quite a number of people, the use of vinyl or phono playback has been and still is the predominant source in their music collection. This reflects both the inherent properties and character of the analog sound, and the fact that the reproduction of records has improved considerably in recent times, which is due to the increasing competition from high-resolution digital sources.

BIZET serves this goal by using a fully balanced circuit that suppresses noise and keeps the sensitive signal of a phono cartridge in balanced mode, maintains balanced operation continuously, and eliminates noise that would otherwise obscure critical music information.

Basic operation

Room temperatures over 30 degrees Celsius and / or extreme humidity should be avoided. Keep away from heat sources like radiators, heating, ovens or similar appliances dissipating heat. It is important to maintain an adequate supply of airflow to prevent overheating.

Place the unit on a solid, flat level surface such as a shelf where it is convenient to operate.

Before connecting the BIZET to your mains the first time, check if the indicated mains voltage is in accordance with your home supply. Never plug an 115V version in a 230V mains socket or serious damage will occur.

There is no need to operate the mains ON / OFF switch on the back side of the BIZET since the standby power consumption is less than 0,5W. As it is common practice, disconnect BIZET from the mains during a thunderstorm or when going on vacation.

Once the power cord is connected, the red indicator LED should light up and blink when the power switch and subsequently the front panel push button are operated. Turn off the unit by pushing the front button again and do the signal connections. If everything is connected, turn on again and have fun!

Connections



Connecting the Analog Output

Connect the left and right interconnect cables from the BIZET's outputs to your preamplifier left and right inputs. To maintain best sound quality, it is strongly recommended that balanced audio connections to be used.

Connecting a Turntable

Turntable Connection Types

For start listening, you only need to connect a turntable to the BIZET as you would do to any other phono preamplifier. Nevertheless, please take note of the following: BIZET can be connected to many different types of turntables. To fully realize the sonic potential, use balanced cable connections with XLR terminations whenever possible. Balanced XLR cables minimize interference from magnetic, hum, and RF sources.

Because a phono cartridge is actually a true balanced source, a balanced input is provided. Connect the output cables from your turntable to the left and right channel XLR input. Do not short pin 1 (chassis/ground) to either pin 2 or 3 of the XLR connector at any point in the cable, turntable chassis, or tonearm. This will cause hum in the system. Pins 2 and 3 must only be connected directly to the cartridge pins. If your turntable does not have XLR connections, use the Cinch (RCA) input instead.

Gain Selection Adjustment

The middle switch on the back site can be set to either low, mid or high gain (+10 dB). This switch is used to raise the overall gain of the input for lower output cartridges. When using cartridges with very low output (less than 0.2 mV), it is recommended that the high gain setting is used. In all other cases the 0dB or +5dB setting will sound the best.

Cartridge Loading Adjustment

Set the resistive load switch to 100 Ω , 500 Ω , or 845 Ω , depending on manufacturer's recommendations or listening. Any value between zero and 845 Ω can be accomplished by using a parallel cinch impedance jack. Please ask your dealer for help if needed.

Daisy chain mode

BIZET operates one tonearm / cartridge combination. However, if you want to use multiple sources, you can operate a second (third ...) BIZET in a daisy chain mode. The signal from the currently activated BIZET is transmitted to the line stage without the need for input switching. Doing so, you need to engage the daisy chain switch and connect the preceding outputs from another BIZET (or any other line source) to the daisy chain input. If daisy chaining is not used, use the upper position of the switch (off).

BIZET mains voltage selection / fuse replacement

The following work should only be carried out by a qualified technician in accordance to highest electrical safety standards. Risk of electric shock. !

Replacing the fuse

The fuse must be replaced by a 0.63AT type (5x20mm). Never attempt to short the fuse holder. Normally the fuse should never blow – if it has, it is a sign of a serious fault condition. Further investigation is needed.

Mains voltage

Altering the mains input voltage range from 115V to 230V or vice versa is done by changing the fuses. You will need 1x 0,63AT for 230 V operation and 2x 0,63AT for 115V operation. Never attempt to apply any other fuse configuration or a short circuit condition will occur.

Specifications

Gain	66 – 71 – 76dB (sym. input -> sym. output)
Common mode rejection ratio (CMRR)	90dB
Noise (input referred) :	43nV BW: 400Hz ... 30kHz flat
Input impedance :	100 – 500 – 845 Ohms
Frequency response :	RIAA equalization: 20 ... 20kHz +/- 0.5dB
Distortion and noise :	<0.005%
Crosstalk :	100dB
Max . output level :	20V rms balanced
Output impedance :	35 Ohm per phase
Power consumption :	16W, < 0.5W turned off
Dimensions (H x W x D) :	75 x 432 x 290 mm

CE declaration of conformity

Product Type: Phono preamplifier

Model: BIZET

Linnenberg-Elektronik declares that this product complies with the Low Voltage Directive 2014/35/EU and the Electromagnetic Compatibility Directive 2014/30/EU as well as the Ecodesign Directive 2009/125/EC.

The unit meets all currently valid regulations only in its original condition. The original, unaltered factory serial number must be present on the outside of the unit and must be clearly legible! The serial number is an essential part of our conformity declaration and therefore of the approval for operation of the BIZET. The serial numbers on the unit and in manual, must not be removed or modified, and must correspond.

Furthermore, the unit has been found to comply with the limits for a Class B digital device, pursuant to Part 15, subpart B (unintentional radiators) of the FCC rules.

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