

Technical specifications for Lejonklou Boazu 1.0

Dimensions (WxHxD)	350x69x350 mm
Weight	4.4 kg
Mains input voltage (two versions)	90-132 or 187-264 VAC
Mains fuses (on both live and neutral)	T3.15A
Signal input impedance (all inputs)	10 k Ω
Signal input maximum level	5 VAC
Output impedance/Rec. load	0.05 Ω /4–16 Ω
Output power (all ratings continuous)	2*24 W into 8 Ω 20-20k Hz
RMS at less than 0.1% THD and	40 W/ch into 8 Ω at 1 kHz
mains voltage >103 or >207 VAC)	70 W/ch into 4 Ω at 1 kHz
Output peak voltage	26 V
Frequency range (-3 dB)	2 to 130 kHz
Power consumption	200 W max, 22 W idling

Warning

This appliance must be earthed. Lethal voltages inside, do not open! No user serviceable parts inside. Refer servicing to qualified personnel. To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture. Never use an appliance with a damaged power cord, as there is risk of lethal shock.

The power cord is internally colour marked as follows:

Europe/UK: Live=Brown, Neutral=Blue, Ground=Green/yellow

North America: Live=Black, Neutral=White, Ground=Green

CE Declaration of conformity:

This appliance follows the directives 73/23/EEC (LVD) and 89/336/EEC (EMC) by conforming to the following standards:

EN60065:2014 (Safety)

EN55013:2013 (Emissions)

EN55020:2007 (Immunity)



Contact information

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LEJONKLOU

Boazu integrated amplifier

Installation Manual

PLEASE READ THIS MANUAL CAREFULLY!

Positioning

Position Boazu on a flat, rigid surface with some space around it, so that air can circulate. The rubber feet may appear simple in construction, but are in fact carefully chosen for optimal performance. Tighten them using your fingers only. **Never** stack units on top of each other, as the feet can leave permanent marks on the bottom unit!

Connecting (always done when switched off)

Connect your sources, one channel at a time, to the rear connectors labelled ANALOGUE INPUTS. There are four inputs per channel and they are **always on**. This means that it doesn't matter which connector you choose. If several sources play, Boazu will mix them and play them through the loudspeakers. This is simpler to use and in addition musically superior to ordinary input switches **if** you are using less than three sources.

Connect your loudspeakers to the speaker outputs, using a cable terminated with Lejonklou 4 mm safety connectors.

Warning: Although individual banana connectors are possible to fit, they are illegal to use in the EU for safety reasons. Use only Lejonklou 4 mm safety connectors!

For optimal sound quality, we recommend **single wire** loudspeaker cable. Lejonklou offers optimal loudspeaker cables in custom lengths, using the best parts we're able to find. Please contact us if you need a pair.

When all connections have been made, you can connect the power cord and switch Boazu on. A slight "thud" in the loudspeakers is normal. In order to save energy, we recommend Boazu to be switched off, using the rear mains switch, when not in use for a longer period of time.

Protection – important!

Two circuits protect Boazu from internal overheating:

1: If the power supplies are heated above 50°C, they will gradually derate their output in order not to overheat.

2: If continuous over current occurs, the output is limited.

But Boazu can easily be damaged by improper use:

One way is to short the speaker output terminals while the amplifier is in operation. Protecting Boazu against a sudden short circuit is not possible without loss of sound quality.

Therefore such protection was intentionally omitted. In addition, no such protection circuitry is 100% effective.

Therefore: **Never** short the speaker outputs!

A second way to damage Boazu is to increase the volume far above the point where the sound clips and distorts. This can result in the output stage oscillating and destroying itself.

Please note that such volume levels can damage your Boazu regardless of whether loudspeakers are connected or not!

With many digital sources, volume **78** is where Boazu starts clipping. This is also the standard volume limit, which is possible to override in the user settings.

Not paying attention to the above precautions can damage both your Boazu and your loudspeakers!

Lejonklou will not be held responsible for any speaker damage due to a Boazu being short circuited or driven beyond its capabilities.

We hope you will enjoy your Boazu!

If you have any questions, suggestions or encounter a problem with it, please contact your retailer or Lejonklou directly.