

elinsAudio

USER MANUAL

MILLE

STEREO SYSTEM

MANUFACTURER

ELINSAUDIO MANUFACTURE S.C.
41-200 SOSNOWIEC, 38 PIŁSUDSKIEGO ST.
POLAND



We have the great pleasure to present you with our reference stereo system MILLE. ElinsAudio came into existence in order to pursue the perfect sound. From the very beginning, our purpose was to create such equipment that would fully satisfy the needs of the most fastidious listeners. The MILLE stereo set is the final outcome of this pursuit. It is ideal for the famously demanding magnetostatic and dynamic loudspeakers, as it aims at achieving maximum perfection of sound in an acoustically challenging environment. Remarkable design and unforgettable sound are guaranteed by our long-standing experience and constant striving for perfection in the most minute detail. Components supplied by internationally renowned top-tier producers combined with hundreds of hours of sound tests, constitute the uniqueness of stereo system manufactured by elinsAudio.

**BEST
PRODUCT
2014** High
Fidelity.pl

We wish you lots of positive emotions.
THE ELINSAUDIO MANUFACTURE TEAM



DESCRIPTION

MILLE

AMPLIFIER

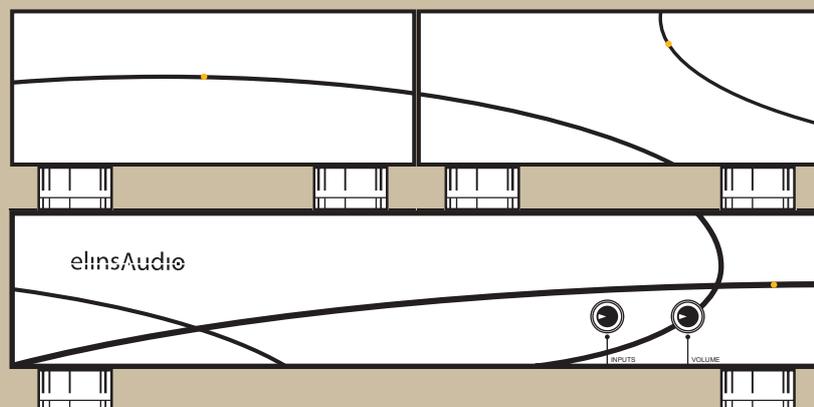
MILLE is an uncompromising construction that consists of a preamplifier and two monoblocks with power amplifiers. Despite the division of the amplifier elements into two separate chassis, the amplifier should be treated as an integral whole, therefore it is impossible to purchase the preamplifier or the power amplifiers separately. Such approach ensures full control over the final sound effect, which for us is a priority.

BASIC FEATURES of the preamplifier

- input impedance **10 K Ω**
 - non-linear distortion below **0,01 %**
 - bandwidth **10 Hz - 150 kHz \pm 0 dB**
 - volume adjustment with a **41** position stepped attenuator
 - hybrid power supply
(mains - or battery power)
-

BASIC FEATURES of the power amplifier

- transistor - based construction, working in class **"D"** (ICEpower Bang&Olufsen)
 - **1000 W** power with **4 Ohm** load
 - **500 W** power with **8 Ohm** load
 - full power bandwidth range **10 Hz - 40 kHz**
 - dynamic range **118 dB**
 - Damping Factor \geq **1000**
 - **THD+N** distortion with **1 W = 0,007 %**
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CONTENT OF PACKAGES

The set is delivered in two packages, designed especially for MILLE, that feature an inside layer of protective foam. We advise against discarding the packages and their interior.

Packages **1** includes:

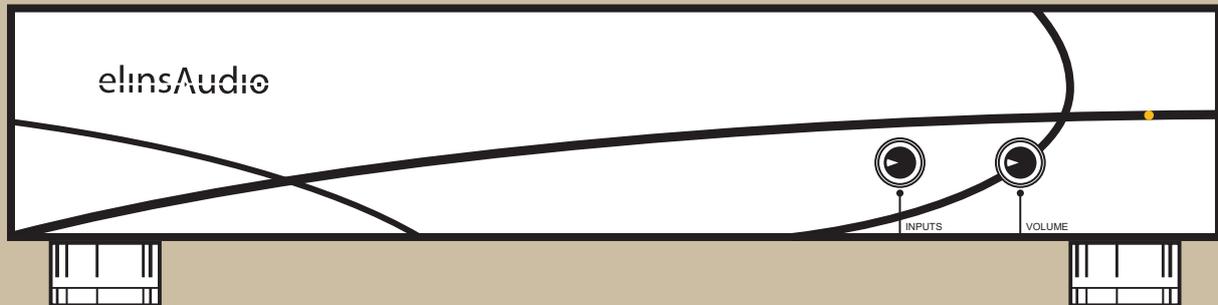
- the preamplifier
 - power supply cord (1 pc)
 - RCA signal cord (2 pcs)
-

Packages **2** includes:

- the monoblocks / power amplifiers (2 pcs)
 - power supply (2 pcs)
-

IMPORTANT INFORMATION

- When the packages have been removed, the devices must remain in room temperature at least for an hour.
- All actions related to connection (sound sources, loudspeakers, power supply cords, connections cords, loudspeaker cords) must be undertaken before the devices are plugged into the power supply (230 V - 50 Hz) or (100-120 V - 50/60 Hz).
- Phase placement in the power supply cord must be verified. Phase cord in the preamplifier and power amplifiers are indicated with a red spot on rear panels.
- Proper connection guarantees the correct quality of sound.
- Each new set is tested and "warmed up" for at least 500 hours before it reaches the customer.
- MILLE set reaches optimum working conditions after at least 45 minutes from switching on.
- The product has got 6- year producer warranty.
- The chassis must not be opened. Repairs and adjustments must not be undertaken by the customer himself, as such actions might result in health damage due to electric shock.
- Should there be any questions, please do not hesitate to contact the producer or the authorized dealer.



PREAMPLIFIER FRONT PANEL

- input selector /inputs/
- volume adjustment knob /volume/
- light - emitting diode /LED/

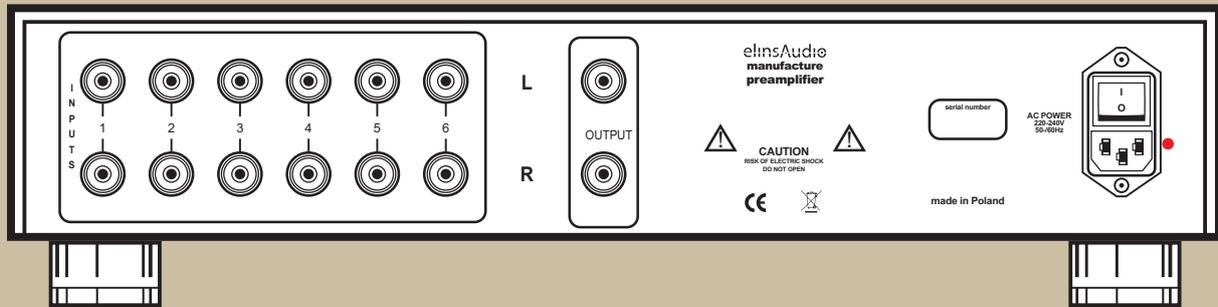
THE DEVICE HAS GOT 6 RCA INPUTS, WHICH ARE INDICATED ON THE REAR PANEL WITH DIGITS FROM 1 TO 6.

Inputs no. 1 is chosen when the indicator on the input selector points at 12 o'clock; the remaining inputs (2, 3, 4, 5, 6) are chosen by turning the selector counter - clockwise.

Volume can be adjusted by turning the knob clockwise. Minimum volume level is reached, when the indicator has been turned left maximally.

LED indicates the state of the preamplifier:
LED glows - ON (1)
LED does not glow - OFF (0)

The preamplifier is equipped with power delay soft start system.
Initially LED glows only slightly.
After 5 seconds LED glow intensively, and the preamplifier is operational.



PREAMPLIFIER REAR PANEL

INPUTS

- six pairs of input sockets (RCA)
numbered from 1 to 6

OUTPUT

- a pair of output sockets (RCA)
- "L" and "R" symbols apply to the input sockets and the output

POWER SUPPLY SOCKET WITH AN OFF-SWITCH

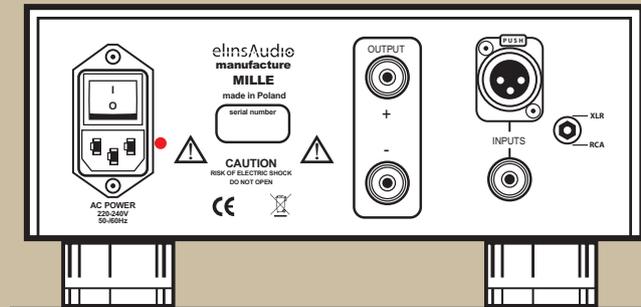
"0" symbol indicates that the device is off
(diode on the front panel does not glow)

"1" symbol indicates that the device is on
(diode on front panel emits amber light)

(phase cord indicated with a red spot)

Technical specifications
(according to the manufacturer):

Amplification: 6 dB
Bandwidth: 10 Hz - 150 kHz \pm 0 dB
Input impedance: 10 kohm
Dimensions: 450 x 350 x 110 mm
Weight: 19 kg



POWER AMPLIFIER FRONT PANEL

- diode indicating whether the device is on or off (respectively: diode emits amber light or does emit any light)
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POWER AMPLIFIER REAR PANEL

- power supply socket with an off - switch (identical as in the preamplifier) (phase cord indicated by a red spot)
- technical specifications according to the manufacturer

OUTPUT

- a pair of output loudspeaker socket indicated respectively "+" and "-"

INPUTS

- input sockets
 - upper symmetrical XLR
 - lower unsymmetrical RCA
 - switch to choose between inputs - up (XLR) and down (RCA)
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Power: 1000 W (RMS) at 4 ohm / 500 W (RMS) at 8 ohm / Maximum output current: 50 A / Frequency response: 20 Hz - 40 kHz throughout the power range / Dynamic range: 118 dB Damping Factor ≥ 1000 / THD+N distortion at 1 W: 0,007 % / THD+N distortion at 1000 W: 0,01 % / Weight: 11 kg/1 pc / Dimensions: 225 x 360 x 110 mm /

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