

Operating instruction

A-800M

Prof fidelity

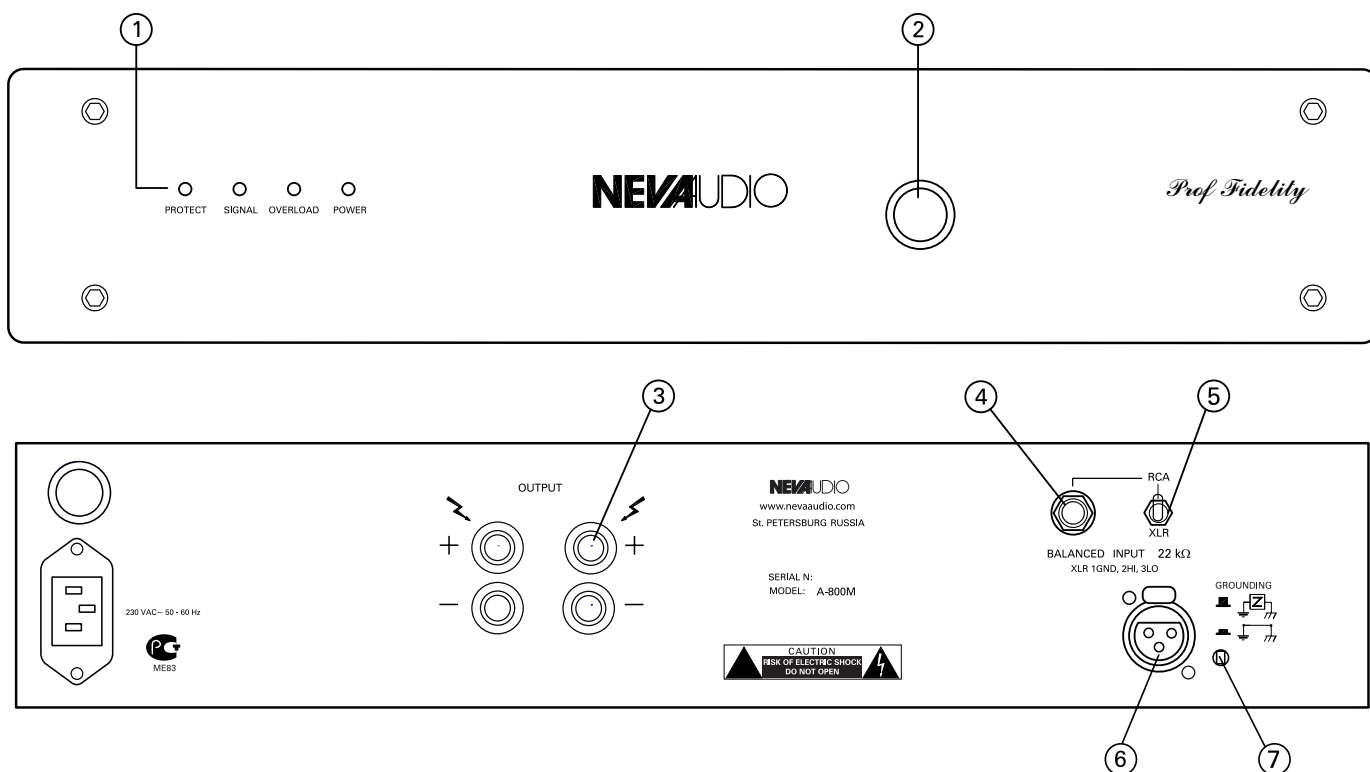
1. KEY FEATURES

The A-800M is a candy bar, which allows you to have it at a minimum distance from AU.

In the A-800M land is not involved in the formation of powerful output that provide Chiva more high performance and outstanding sound quality, compared with previous models.

Scheme of the input stages of the amplifier is made by completely complementary cascode topology operating in pure class A. Output circuits operate in a dynamic class A. The amplifier is no overall negative feedback. Unique diagram of electronic thermal stabilization. In order to ensure wide dynamic range amplifier output voltage accumulating 8 ohms peak to peak 220, extra current output can provide current from the peak to peak 160 A. This ensures high purity and clarity of sound when working with any acoustics with most complex impedance.

The output stage has no power relay. Effective protection circuit using a c-speed solid state thyristor protection circuits speakers nullifies the risk of damaging them.



1- LED display: Protect, Signal, Overload, Power. 2 Power switch. 3-gilded nye output terminals. 4-input connectors are unbalanced RCA. 5 Toggle for switching Inputs XLR (down) and RCA (up). 6-Input connector XLR. 7 Switch the signal separation from the land chassis.

2. GENERAL INDICATION

Before turning vseti carefully read this manual.

Ventilation. The most important condition for the normal operation of the amplifier is ventilation. Amplifier A-800M have convection cooling. Passage unrestricted flow air through the radiator amplifier is required. For this reason not install anything directly above it.

Necessary space of 9 cm (2u) to 13.5 cm (3u) above and to the sides of the amplifier. Is not should be installed directly above heat-generating equipment. If you have a condition installation cramped, you need an additional forced cooling.

Pickup Thermal protection during operation and flashing LED PROTECT, indicates insufficient impact stuffy stream for normal operation of the amplifier. Never turn the amplifier vvertikalnom polozhenii. Pri storage and transportation of the amplifier subject it to shocks, dust and dampness.

The amplifiers are designed to operate with air temperature 10-35 ° C and the upper value 80% humidity at 25 ° C.

When buying an amplifier requires verification of its performance. Make misrepresented that warranty ticket is filled correctly. After storage room amplifier Cold-formed or shipping vzimnih conditions, allow it to warm to room temperature vtechenii 2-3 hours without removing from the package

3. BRIEF DESCRIPTION

Mono power amplifier A-800M is intended for use together with high-quality speaker system. In amplifiers implemented advanced technical concepts.

Amplifier A-800M is a low-profile, high-efficiency amplifier. To ensure high reliability and reduce distortion, output circuits are built on the principle of extra-current output, which allows for maximum surge current up to 160 A.

To ensure maximum reliability, the amplifier are: protection against output short circuit of any duration; protection against overheating; protection when the speaker, emergencies, overload protection from damaging infra low frequency signal. To improve protection efficiency of the speakers used only electronic components, mechanical relays are used.

4. FRONT PANEL

On the front panel of the amplifier power switch is located «POWER». Each channel has LED indicators:

- «OVERLOAD» — Overload;
- «SIGNAL» — The presence of the signal at the output of the amplifier;
- «PROTECT» — Protection;
- «POWER» — Turn on the Power.

5. REAR PANEL

On the rear panel there are:

a symmetric input «Balanced inputs», plug the XLR and unbalanced RCA, connected in parallel.

— Toggle to switch between inputs XLR (down) and RCA (up).

— «OUTPUT» — exit. Two pairs of gold-plated screw terminals, allowing you to use two-wire connection acoustics.

— «GROUND LIFT» — grounding switch amplifier circuit — disconnect the mid-point of the amplifier circuit from the body.

6. SAFETY INSTRUCTIONS

WARNING! Inside the amplifier has a life – threatening stress. To avoid accidents sluchaevzapreschaetsya independently open the amplifier.

WARNING! To avoid the risk of electric shock or fire, do not expose amplifier to rain or moisture, can not include vseti without grounding. Self – replacement fuse STRICTLY NOT !!!

It is necessary to monitor the integrity of the insulation power cord.

7. GETTING STARTED

Connect the terminals of the amplifier with speaker system. The cross section of the cable provodovsoedinitelnogo shall be not less than 1.5 kvmm at wire length up to two meters.

Plug the power cord having a grounding vevrozetku. Rated supply voltage of the amplifier 220V a frequency 50/60 Hz. Tolerances 190 ... 230 V power supply should not be less than 1.10 kW (220 V 5 A).

Provides free access of air to the amplifier!

Press the power switch. This should light up the LED «POWER», and red LEDs «PROTECT». Through 3 second fade LEDs «PROTECT». The amplifier is ready work

8. MAINTENANCE

Fuse replacement, repair and adjustment of the amplifier is performed only by qualified specialist who have been instructed vservis center «Firm» Neva Audio. « With all the breakdowns and violations of work, even after the warranty period, should contact the owner of the amplifier vservis center «Firm» Neva Audio».

9. WARRANTY

The warranty period amplifier «NEVA AUDIO» mesyatsevso 36 days of sale. During warranty period the owner is entitled to a free repair on demand warranty card. The warranty will be invalid if:

- a) the product has been damaged by accident or misuse, or for other reasons is not the result of defect of usability;
- b) the serial number of your amplifier is changed, broken, or missing;
- c) the warranty card is empty or missing.

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