

Operating instruction

A-360; A-500

Prof fidelity

KEY FEATURES

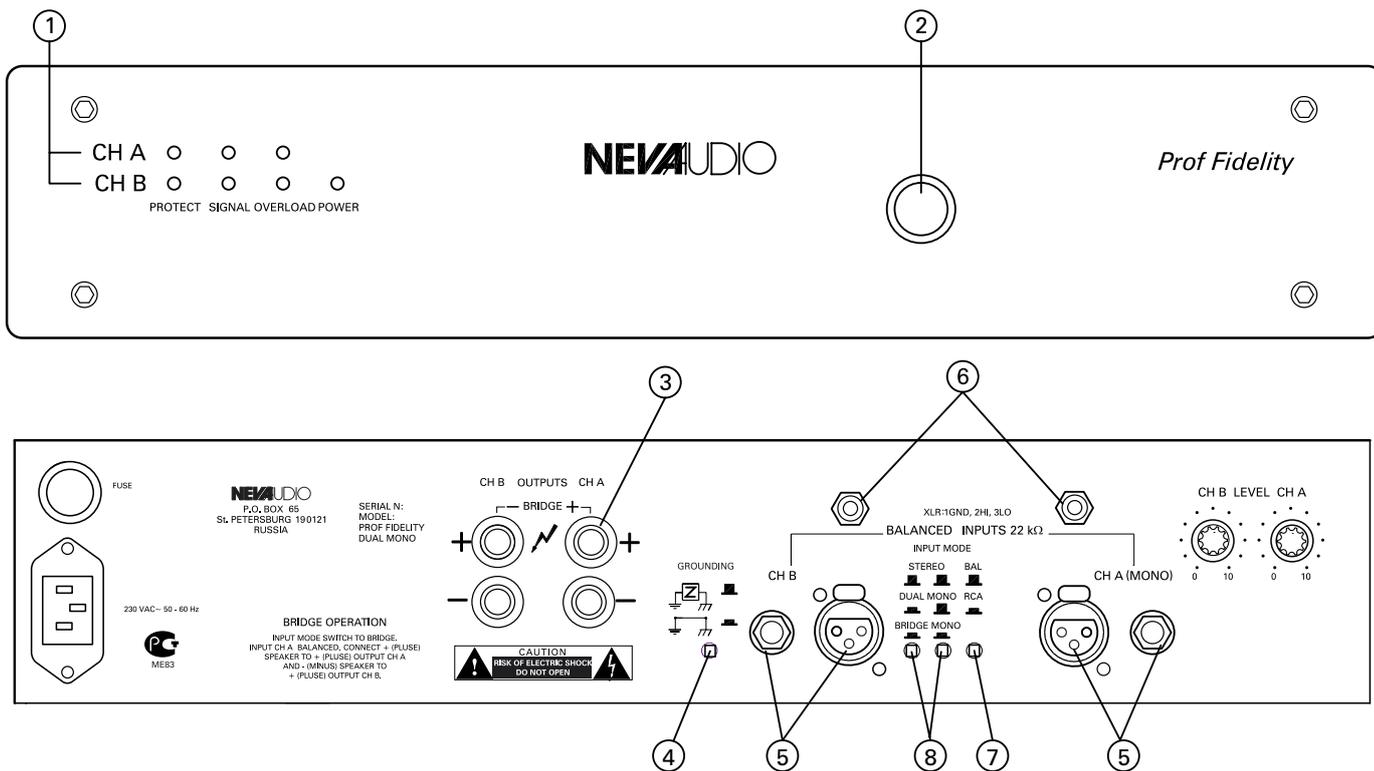
Dual Mono – each channel has its own transformer and power supply. In the series amplifiers Prof fidelity land is not involved vformirovanii powerful output that provides even more high performance and outstanding sound quality,com – pared with the previous models!

The modular design, the newest original circuitry and manual technology provide high reliability.

Work input kaskadovusilitelya outright class A and class A output kaskadovv dinamicheskoy, as well as the lack of an overall negative feedback and output guarantees special ekstratokovy clean and clear sound even when playing the most complex audio signals.

Effective protection circuit using a c – speed solid state thyristor speaker protection circuit reduces to zero the risk of damaging them.

Performing complementary output stages for circuit use of a large number transistors with an extended field of security regimes are a guarantee reliable operation with any speaker system.



1- LEDs for CH A and CH B: Protect, Signal, Overload, Power. 2 Power switch. 3-plated output terminals CH A and CH B. 4-switch signal ground of separation from shas- si. 5- Input Jacks CH A and CH B: balanced XLR and 1/4 «. 6-input connectors CH A and CH B unbalanced RCA. 7- input selector balanced - unbalanced. 8- Button mode selector stereo, parallel bridge.

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 – 360; A – 500 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 v zimnih conditions, allow it to warm to room temperature v techenii 2 – 3 hours without removing from the package

3. BRIEF DESCRIPTION

Amplifiers moschosti A – 360; A – 500 is intended for use vsostave systems high quality sound reproduction. In amplifiers implemented advanced technical concepts. The amplifiers are low – profile, high performance power amplifier and comprises two channels.

To ensure high reliability and minimize distortion, the output stage of the amplifier built principle ekstratokovogo output that ensures maximum pulsed current of up to 50A. To ensure maximum reliability, the amplifier are: protection from ko – output short circuit of any duration; protection against overheating; protection against radio frequency; protection speakers at startup, emergencies, overload protection from damaging infrastructure baseband signal. To improve protection efficiency of the speakers used only electronic components, mechanical relays are used.

4. FRONT PANEL

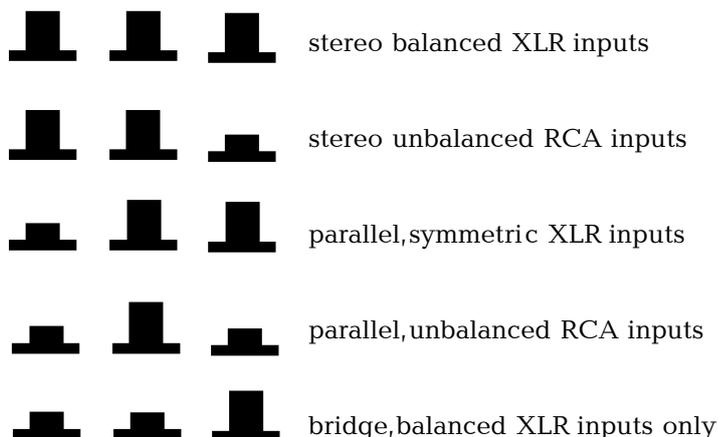
On the front panel of the amplifier power switch is located «POWER». Each channel has LED indicators:

- «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:

- attenyuatory input for the canal A and B;
- symmetric inputs «Balanced inputs CH A (CH B)» canal and B. Each channel has two connectors: XLR – type and type Phone – Jack / 6,3 mm, connected in parallel;
- nesimmetrichnye RCA inputs for channels A and B. To enable the RCA inputs match press button 7 (see. Fig. p. 2).



«OUTPUT CH A (CH B)» – Outputs of channels A and B. As the output connectors are used 30 A gold – plated screw terminals.

«GROUND LIFT» – grounding switch amplifier circuit – disconnect the midpoint 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 the product;
- b) the serial number of your amplifier is changed, broken, or missing;
- c) the warranty card is empty or missing.

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