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You can read the recommendations in the user guide, the technical guide or the installation guide for DYNACORD DLS 223. You'll find the answers to all your questions on the DYNACORD DLS 223 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual DYNACORD DLS 223
User guide DYNACORD DLS 223
Operating instructions DYNACORD DLS 223
Instructions for use DYNACORD DLS 223
Instruction manual DYNACORD DLS 223



SL Series | Standard Precision Power Amp
SL 900 | 1200 | 1800 | 2400

Owner's Manual | Bedienungsanleitung



[Your user manual](#)
[DYNACORD DLS 223](#)

Manual abstract:

Only the provided power cord may be used. During installation, always separate the power amplifier from the mains. Connect the power amplifier only to a mains network, which corresponds to the requirements indicated on the type plate. The Mains Switch on the front panel separates the power amp from the mains. Turning the Mains Switch to ON starts booting up the power amp. A soft start circuit compensates mains inrush current peaks and thus prevents the automatic cutout of the mains from reacting when switching on the power amplifier. Speaker system switch-on is delayed by approximately 2 seconds via output relays, effectively suppressing any possible power-on noise, which otherwise might be heard through the loudspeakers. PROTECT-LED lights up and fans are at high speed during this delay. This indicates all protections are working fine. Attach the power amp with its frontal rack mount ears using 4 screws and washers as shown in following illustration.

Additionally securing the amplifier at the rear becomes necessary, if the rack case in which the power amplifier has been installed will be transported. Failure to do so may result in damage to the power amplifier as well as to the rack case. Attach the power amp as shown in the illustration using 4 case nuts and screws. Brackets for securing the power amplifier are available as accessories. As with all Dynacord power amps with fan cooling, the airflow direction is front-to-rear, obviously because there is more cold air outside of the rack case than inside.

The power amplifier remains cooler and dissipating the developing waste heat in a specific direction gets easier. In general, setting up or mounting the power amplifier has to be done in a way that fresh air can enter unhindered at the front and exhausted air can exit at the rear. When installing the power amp in a case or rack system, attention should be paid to these details to provide sufficient ventilation. Allow for an air duct of at least 60 mm x 330 mm between the rear panel of the power amplifier and the inner wall of the cabinet/rack case. make sure that the duct reaches up to the cabinet's or the rack case's top ventilation louvers.

Leave room of at least 100 mm above the cabinet/rack case for ventilation. Since temperatures inside of the cabinet/rack case can easily rise up to 40 °C during operation of the power amp, it is mandatory to bear in mind the maximum allowable ambient temperature for all other appliances installed in the same cabinet/rack case. CAUTION: Blocking/closing the power amp's ventilation louvers is not permissible. Without sufficient cooling/ventilation, the power amplifier may automatically enter protect mode. Keep ventilation louvers free from dust to ensure unhindered airflow. Do not use the power amplifier near heat sources, like heater blowers, stoves or any other heat radiating devices. To ensure trouble-free operation, make certain that the maximum allowable ambient temperature of +40°C is not exceeded. The ground lift switch allows for eliminating noise loops. When operating the power amplifier together with other equipment in a rack case, setting the switch to the GROUNDED position is recommended. Set the switch to UNGROUNDED, when the power amplifier is operated together with appliances with differing ground potentials.

This effect can not be reached using equalizers or „Bass-Boosters“, because the LPN filter mainly optimizes the rise time of the audio signal. switch the filter ON or OFF for evaluation of the actual effect that the filter has on the sound. The sound is getting more powerful, especially when using fullrange speakers (e. Controlled via DC & DSP 260) using the LPN filter is not recommended. The MODE switch on the power amp's rear panel defines how the audio inputs handle the input signals. possible settings are DUAL , PARALLEL or BRIDGED. DUAL In DUAL mode, the two channels of the power amplifier work independent from each other. This mode of operation is being used for all 2-channel applications, like stereo operation. Using the input level controls on the power amp's front panel allows independently adjusting the channels' amplification. Using the input level controls to independently control the amplification of the two channels is still possible because only the channels' inputs are linked.



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