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Owner's Manual

XQ-4.55A



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PRODUCT PRESENTATION

- The XQ-4.55A is a high-fidelity digital power amplifier offering superior sound quality and versatile settings. Utilizing Class D power amplifier technology, it delivers efficient power output and outstanding audio performance. This manual offers comprehensive guidance on product features, installation methods, and various audio settings operations.

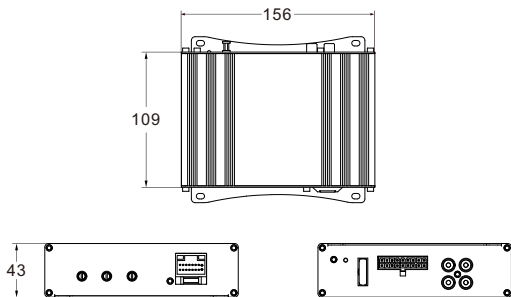
PERFORMANCE PARAMETER

Specifications	DS4602
Power: at 14.4V1 %	4x100W Maximum power
Power amplifier	Class D
Low level input	2CH
High level input	4CH
SUB output	2CH
Working voltage	9V~16V
Product size	156X109X43MM

PRODUCT APPLICATION

- Vehicle power amplifier, as a device for vehicle audio system, its core application is to amplify the audio signal and output it to the speakers of the vehicle, so as to provide passengers with high-quality music experience.
- In private cars, commercial vehicles and public transportation tools and other transportation tools, the on-board power amplifier is widely used and important. It can not only improve the sound quality and volume of the music, so that passengers can enjoy more pleasant music during the journey, but also can divert the attention of the music when the driver is tired, so as to improve the safety of driving.
- With the continuous development of the automobile industry, the modern vehicle power amplifier has a high timbre operation and shock effect, can maintain a stable sound quality output on the rugged road. This means that passengers can enjoy high-quality music and radio, both on smooth city roads and on rugged mountain roads.
- In addition, the car power amplifier is also an important part of the car sound system. A complete car sound system usually includes the host, speaker, and power amplifier. The host is responsible for reading and processing the audio signals, the speaker converts the audio signal into sound, and the power amplifier enlarges the audio signal, enabling the speaker to output greater volume and better sound quality

DIMENSION(UNIT:MM):



INSTALLATION

Installation program

First, complete the electrical connection, and then check for correctness.

Installation schematic diagram



Install the vehicle power amplifier steps

Make sure to test all connections first, and then follow these steps to install this device.

1. Prepare the special car line for gifts.
2. Connect the power amplifier to the main engine of the original car.
3. Insert the mainframe header into the original vehicle console.
4. Insert the master head into the original car horn line to complete the installation.

THE PRODUCT MAINTENANCE GUIDE

Maintenance overhaul

1. **Cleaning:** clean the power amplifier shell and heat dissipation hole regularly to avoid the accumulation of dust and debris affecting the heat dissipation effect. Use a dry soft cloth to avoid direct cleaning with chemical detergent or water.
2. **Ventilation:** ensure that there is enough space around the power amplifier to facilitate air circulation and prevent overheating. Also, avoid placing the power amplifier in direct sunlight or wet environment.
3. **Connecting lines:** regularly check the input and output connecting lines of the power amplifier to ensure that the connection is tight and not damaged. If you find any problem with the connection line, please replace it in time.

Notes for use

1. **Power supply:** please use the power cord and socket that meet the specific actions to avoid the damage caused by voltage instability or overload. Turn off the audio source device before power on the power amplifier.
2. **Volume:** when adjusting the volume, please gradually increase or decrease to avoid the impact of the volume on the speaker and power amplifier.
3. **Avoid overload:** do not keep the power amplifier in the maximum power state for a long time to avoid causing damage to the equipment. If you need to use it for a long time, please lower the volume appropriately or use it intermittently.

Debugging

1. **Unable to start:** the power fuse is burned out, and replace the fuse of the same electric type.
2. **Sound distortion:** If you hear sound distortion or noise, please check whether the sound source equipment, cable and speakers are normal. Also, check whether the amplifier is overhot. If so, turn it off and wait for it to cool before use.
3. **No sound output:** the output line is not connected correctly, reconnect the output line. If there is still no sound output, please check whether the power amplifier is on or silent.