Manuals+ — User Manuals Simplified.

NEXT proaudio M804DSP 4-Channel Amplifier User Guide

Contents

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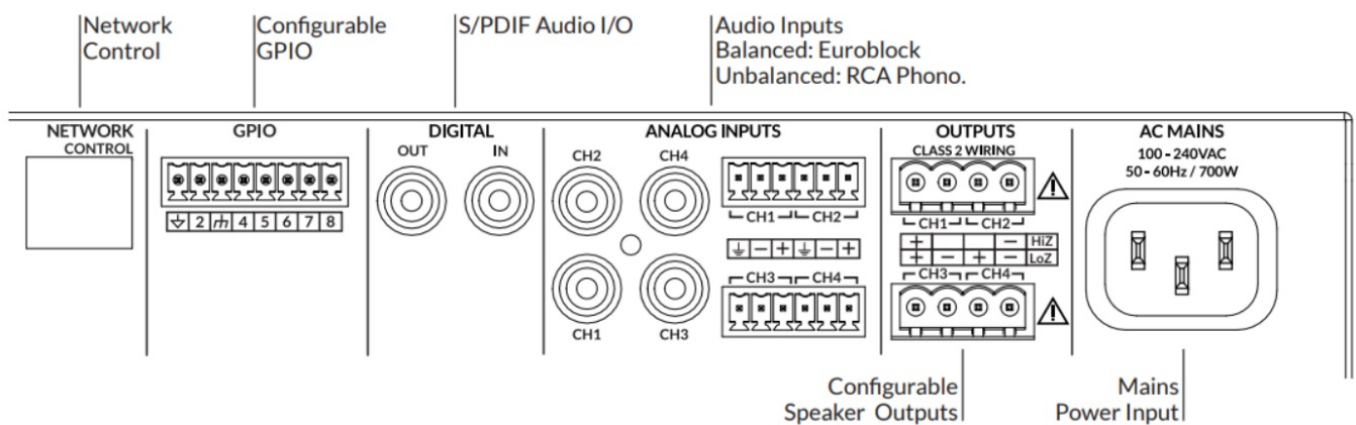

Product Information

The M804DSP 4-Channel Amplifier with DSP is a versatile audio amplifier that offers network configurability and control. It features GPIO S/PDIF audio I/O, configurable speaker outputs, and various connection sockets for audio inputs. The amplifier can be controlled wirelessly through a mobile, laptop, or desktop device with WiFi functionality, or through a wired connection using an Ethernet cable and a web browser.

Carton Contents

- Amplifier unit
- Mains power cable
- Input connector x 2
- GPIO socket connector
- Output connector x 1 or 2
- Adhesive rubber feet x 4
- Document pack
- A full user manual that includes information on installation, mounting accessories and amplifier operation is available online.

Connection Sockets

- High or low impedance speaker connection options can be selected independently for each output channel via the amplifier configuration web interface.
- Analogue input sensitivity can be adjusted independently for each channel via the amplifier configuration web interface.
- S/PDIF digital audio I/O routing can be configured via the amplifier configuration web interface.
- GPIO (General Purpose Input/Output) options can be configured via the amplifier configuration web interface.
- Ensure that rack or other confined installation does not restrict the airflow required for safe and reliable operation of the equipment. It is important to ensure that the 40°C maximum operating temperature for the equipment is not exceeded.

A mobile, laptop or desktop device with WiFi functionality and a web browser is required.

Follow the steps below.

1. Connect the M 804D S P amplifier to mains power using the supplied mains cable and wait for the front panel WiFi indicator to illuminate green.

2. Use a mobile, laptop or desktop device to search for available WiFi networks. Connect to, 'NE XT M 804 DSP (product serial number)' using the password , ' password '. The amplifier serial number can be found on its rear panel.

3. Open a mobile, laptop or desktop device web browser and enter the following IP address: 192.168.4.1. The amplifier configuration web interface page will open in the browser app to enable amplifier configuration as required.

It is strongly recommended that the M 804D SPW iFi password is changed following initial wireless connection.

A laptop or desktop device with Ethernet functionality, a web browser and a network scanning app is required.
Follow the steps below.

1. Connect the M 804DSP amplifier Network Control socket to a free sock et on a network router or network switch using an Ethernet cable.

2. Connect the M 804DSP amplifier to mains power using the supplied mains cable and wait for the front panel Network indicator to illuminate green to indicate that the amplifier has been assigned an IP address.

3. Use a network scanner app to identify the IP address assigned by the network router to the M 804DSP amplifier.

4. Open a laptop or desktop device web browser and enter the IP address identified in the Step 3 above. The amplifier configuration web interface page will open to enable amplifier configuration as required.

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons. This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

This equipment must be earthed.

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation opening. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. To reduce the risk of electrical shock, the power cord shall be connected to a mains socket outlet with a protective earthing connection.
10. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

11. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
12. Do not unplug the unit by pulling on the cord, use the plug.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. The appliance coupler, or the AC Mains plug, is the AC mains disconnect device and shall remain readily accessible after installation.

FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.
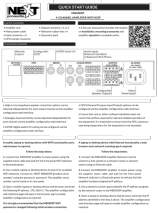
However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio
or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one
or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CONTACT

- **Address:** 67- proaudi o – A v. Do m Migu el 34 4, 4435-67 8 Port o, Portug al.
- **Email: info@nextaudiogroup.com**
- **WEB: www.nextaudiogroup.com**

Documents / Resources

NEXT proaudio M804DSP 4-Channel Amplifier [pdf] User Guide
M804DSP 4-Channel Amplifier, M804DSP, 4-Channel Amplifier, Amplifier

References

- **Homepage | NEXT Audiogroup**