



## NERO MAX12 Multi-Room WiFi Amp

OSD Audio's NERO MAX-12 is a highly efficient Class D multi-channel audio distribution system that powers up to six zones with up to six different sources for residential and commercial audio systems. This multi-functional and expandable amplifier is engineered with cutting-edge features including integrated Wi-Fi for iOS and Android devices. The free App duplicates the optional control keypads and allows you to select zones, adjust volume, treble and bass, or turn all zones on or off directly through a smartphone or tablet. Designed for A/V integrators and homeowners who want the most flexibility from their distributed audio, the NERO MAX-12 includes numerous input sources including four stereo line-level RCA, one 3.5mm aux, and one optical/3.5mm combo analog source input. In addition, RS232 and ethernet ports allow transferring and receiving the serial data between home automation systems.

### FEATURES

- High efficiency Class D multi-room amplifier with smart phone/tablet control
- Delivers 25W of power to six bridgeable zones and six source inputs
- Provides a whole house audio control system with expandability to up to 18 zones (limited to six sources)
- Equipped with integrated Wi-Fi adapter and free iOS/Android App that duplicates the control panels for each zone/room via smartphone or tablet
- Each zone can drive a single 4-ohm pair (60W x 2) of speakers or two pair of 8-ohm (25Wx2)
- Includes stereo/bridge mono output for combining zones (100W @ 8 ohms)
- Includes three stereo line-level pre-amp L&R RCA outputs (zones 1-3) and six stereo line-level L&R RCA analog source inputs
- Zones 1-3: both the internal output and preamp outputs are active at the same time
- 4 Stereo line-level L&R RCA analog source inputs, one 3.5mm, and an optical/3.5mm combination source inputs



- RS232 allows transferring and receiving serial data of home automation devices
- Six individual zone status (3.5mm) to control external zone devices via 12V triggers
- Six IR emitters (3.5mm) mono RCA outputs and one IR emitter/blaster (3.5mm mono all output)
- One PA input jack to set all zones to source 1 (12Vdc trigger)
- Automatic gain control brings low input levels up to a preset-level
- Multi voltage selector (115V or 230V)
- AC input connection with fuse receptacle (CE certified)
- Optional control keypads feature built-in IR receivers for each zone
- IR remote included in the optional control keypad kit along with Cat5e network cable hub
- Includes expansion ribbon cable, pre-installed rack ears, and speaker terminal blocks

## SPECIFICATIONS

- Power: 8 Ohm - 25W x 2 per zone  
4 Ohm - 60W x 2 per zone  
Bridged: 8 Ohm - 100W per zone
- S/N: >85dB A WTD
- THD: >0.1%
- Freq Response: 20Hz-20KHz
- Input Impedance: >47 K Ohm
- Input Sensitivity: 250mv
- Protection: Overload, Short Circuit, Temperature
- System Voltage: DC +12V
- External Mute Voltage: DC +12V
- Power Supply: AC 115V/60Hz - 230V/50Hz
- Output Connection: Terminal Block
- Dimensions: 16.9" W x 3.5" H x 16.4" D
- Weight: 25lbs

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### NERO MAX12 Box Contents:

- NERO MAX12 Distribution Receiver
- Expansion Ribbon Cable
- Rack Ears (Pre-Installed)
- Speaker Terminal Blocks (Pre-installed)
- AC Power Cable
- Product Manual

### Optional Keypad Kit Contents:

- Sold Separately
- Six (6) MAX12 Keypads
- One (1) MAX12 Keypad Hub
- Six (6) Outer Plates for Decora keypad inserts
- IR Remote Control (direct access to keypads)
- Product Manual