MNS-AMP60XXA-2A

MNS-AMP6011A-2A / MNS-AMP6012A-2A / MNS-AMP6022A-2A

User Manual

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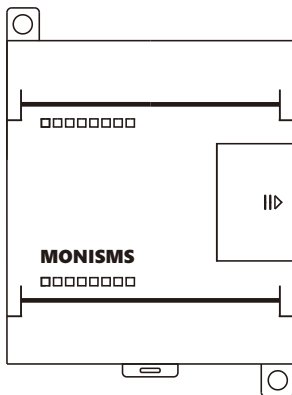
Network Audio Amplifiers
With DANTE/ AES67/ 1000M switch

COMMERCIAL AUDIO SYSTEMS

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This instructions are intended for installers with knowledge in network technology. Please read the instructions carefully prior to operation and keep them for later reference.

Applications

MNS-AMP60XXA-2A MAX power 60W, Build-in AC 100-240V[50/60Hz] power module.

Dante Audio Amplifier can be mounted on a DIN rail or screwed onto a panel or wall for easy installation in a remote closet near the speaker area.

The MONISMS Dante Audio Amplifier is a compact power amplifier module that drives 4-8Ω speakers [Ceiling Speaker, In-wall Speaker, Pendant Speaker, Column Speaker etc.]

The module's audio input is via an Ethernet audio network, allowing the use of the DANTE/ AES67 audio network protocol.

Features:

- Network Enabled Amplifier by Dante™
- Build-in AC 100-240V [50/60Hz] Power Module, High-Efficiency Synchronous Rectification Solution
- Efficient CLASS-D Audio Power Amplifier
- 2*RJ45, [Two RJ45 gigabit RJ45 ports to support daisy chaining] With 1000M switch for feed-through output.
- Dante Domain Manager and AES67 Support
- High quality digital audio
- CE / EMC / LVD/ RoHS Passed

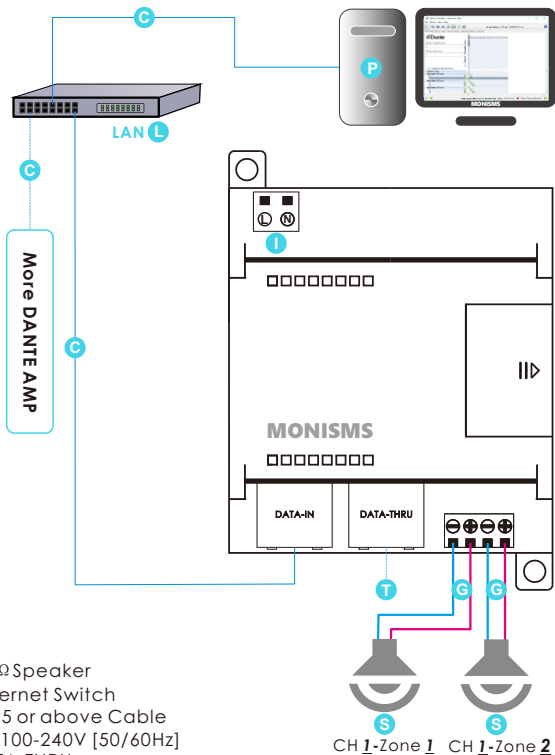| System Specifications	
Frequency Response	20 Hz - 20 KHz
Audio Input	Dante Audio via Ethernet
Output Power	60W
Signal to Noise Ratio	105dB
RJ45 Interface	2*RJ45, [Two RJ45 gigabit RJ45 ports to support daisy chaining] With 1000M switch for data feed-through output.
Audio Network System Compatibility	Dante / Dante Domain Manager / AES67
Route switching control	Dante™ controller software
Power supply	AC 100-240V [50/60Hz]

Channel zoning illustration

[Model:**MNS-AMP6011A-2A**] *1* Channel
*60*W Output [*1* Pair Speaker Terminals]
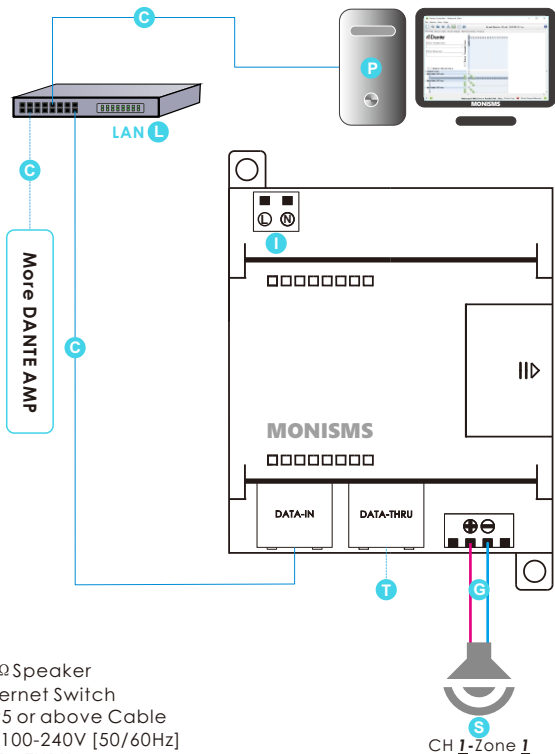
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More DANTE AMP

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DATA-IN   DATA-THRU

CH *1*-Zone *1*

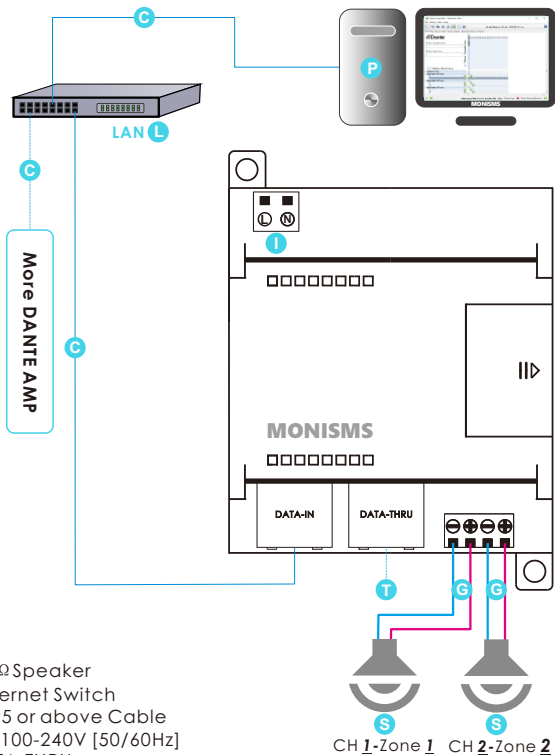|	
S	4-8Ω Speaker
L	Ethernet Switch
C	Cat5 or above Cable
I	AC 100-240V [50/60Hz]
T	DATA-THRU
P	PC – Dante Controller / Dante Virtual Soundcard / VIA / Audio Player
G	Two conductor loudspeaker wires

Channel zoning illustration

［Model:**MNS-AMP6012A-2A**］ *1* Channel
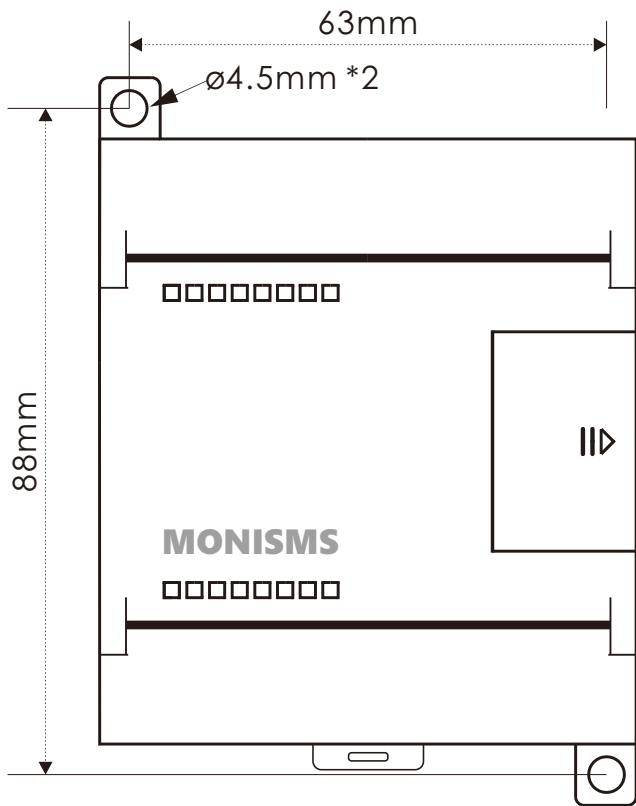*2*30*W Output [*2* Pairs Speaker Terminals]

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DATA-IN   DATA-THRU

T   G   G

S 4-8Ω Speaker
L Ethernet Switch
C Cat5 or above Cable
I AC 100-240V [50/60Hz]
T DATA-THRU
P PC – Dante Controller / Dante Virtual Soundcard / VIA / Audio Player
G Two conductor loudspeaker wires

CH *1*-Zone *1*   CH *1*-Zone *2*

S   S

Channel zoning illustration

［Model:**MNS-AMP6022A-2A**］**2** Channels
2*30W Output [**2** Pairs Speaker Terminals]

S 4-8Ω Speaker
L Ethernet Switch
C Cat5 or above Cable
I AC 100-240V [50/60Hz]
T DATA-THRU
P PC – Dante Controller / Dante Virtual Soundcard / VIA / Audio Player
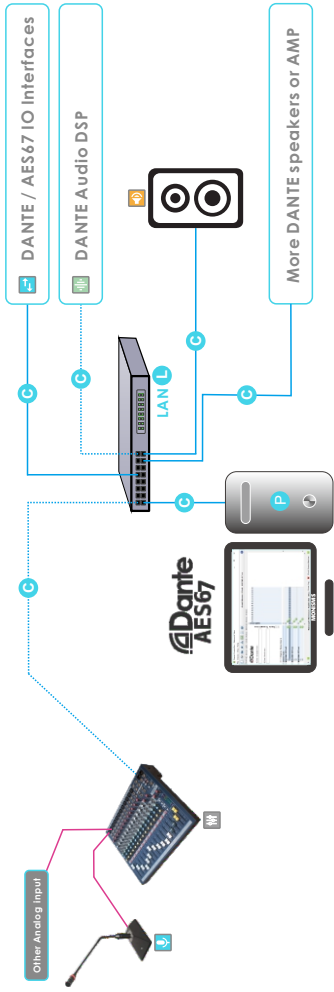**G** Two conductor loudspeaker wires

CH **1**-Zone **1**   CH **2**-Zone **2**

63mm

ø4.5mm *2

88mm

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DANTE / AES67 IO Interfaces

DANTE Audio DSP

More DANTE speakers or AMP

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MDS-LAN

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Dante AES67

Other Analog Input

PC – Dante Controller / Dante Virtual Soundcard / VIA / Audio Player APP
Ethernet Switch   Cat5 or above Cable
DANTE / AES67 IO Interfaces [Analog /AES3 / SPDIF / Bluetooth]
Microphone   MIXER   DANTE Audio DSP   DANTE Speaker

Support

Common FAQs

We've collected the following FAQ's from years of helping clients achieve success.

Https://www.monisms.com/en-us/common-faqs

Downloads

Download the latest software updates from MONISMS.
Product firmware, software upgrades and standalone applications.

Https://www.monisms.com/en-us/download

The brand Dante® as well as the Dante® software which may have been integrated into these products are licenced by Audinate Pty Ltd.

Important Notes

The unit corresponds to all relevant directives of the EU is therefore marked with .

• The unit is suitable for indoor use only. Protect it against dripping water, splash water and high air humidity. The admissible ambient temperature range is -25°C to +65°C.
• For cleaning only use a dry, soft cloth; never use water or chemicals.
• No guarantee claims for the unit and no liability for any resulting personal damage or material damage will be accepted if the unit is used for other purposes than originally intended, if it is not correctly installed, or if it is not repaired in an expert way.

If the unit is to be put out of operation definitively, take it to a local recycling plant for a disposal which is not harmful to the environment.

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