

4x250W 4 CHANNELS DIGITAL POWER AMPLIFIER



DESCRIPTION

The NVS-20151004AM is a class D, four channel digital Power Amplifier with rack mount design in 1U type and rated power is 4x250W. For each channel, there are balanced and unbalanced line inputs available. Balanced line output feeds to another power amplifier as well as secures the signal transmission is less noise and longer distance. When choosing alternative speaker pairings, 70V and 100V speaker outputs are suitable for installation. Complete protection includes overload, high temperature, short circuit, and clip. Equipped with indications for power, signal, clip, protection and temperature. It is an ideal choice for commercial and industrial public address applications.

FEATURES

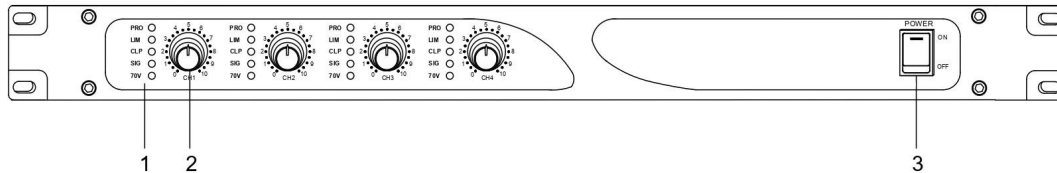
- ◉ Multiple channels in 19" standard rack
- ◉ Equipped with priority input function and 100V input available
- ◉ Complete protection includes overload, high temperature, short circuit, and clip
- ◉ Equipped with standby function for power saving
- ◉ Equipped with indications for power, signal, clip, protection and temperature
- ◉ 1 U slim design, space and cost saving
- ◉ 70V/100V power output optional

Specifications

Model	NVS-20151004AM
Channels	4
Rated power/channel	250W
Frequency Response	80Hz - 15kHz (±3dB)
Input Sensitivity	775mVRMS (0dBV/balanced input); 100VRMS (100V unbalanced input)
Input Impedance	60KΩ (balanced) 20KΩ (priority) 100KΩ (100V unbalanced)
Total Harmonic Distortion	<0.3 % (1kHz)
Signal to Noise Ratio	>80dB
Rated Output Voltage	70V/100V
Power Supply	AC 180-260V/50-60Hz, DC24V(rated power -3dB)
Power Consumption @ 1/8 Load	108W
Power Consumption @ 1/4 Load	147W
Power Consumption @ 1/2 Load	220W
Dimension(L×W×H)	483×435×44 mm
Weight	7 Kg

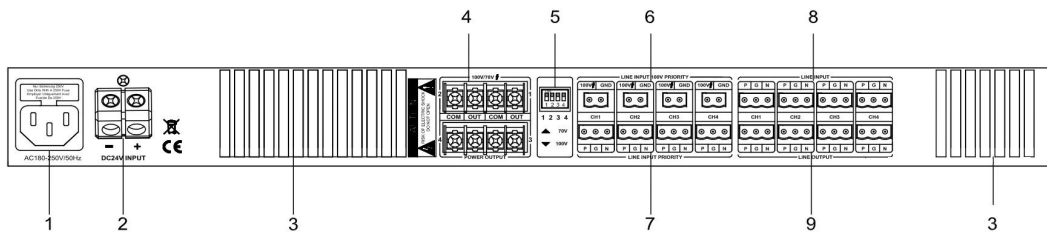
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FRONT PANEL



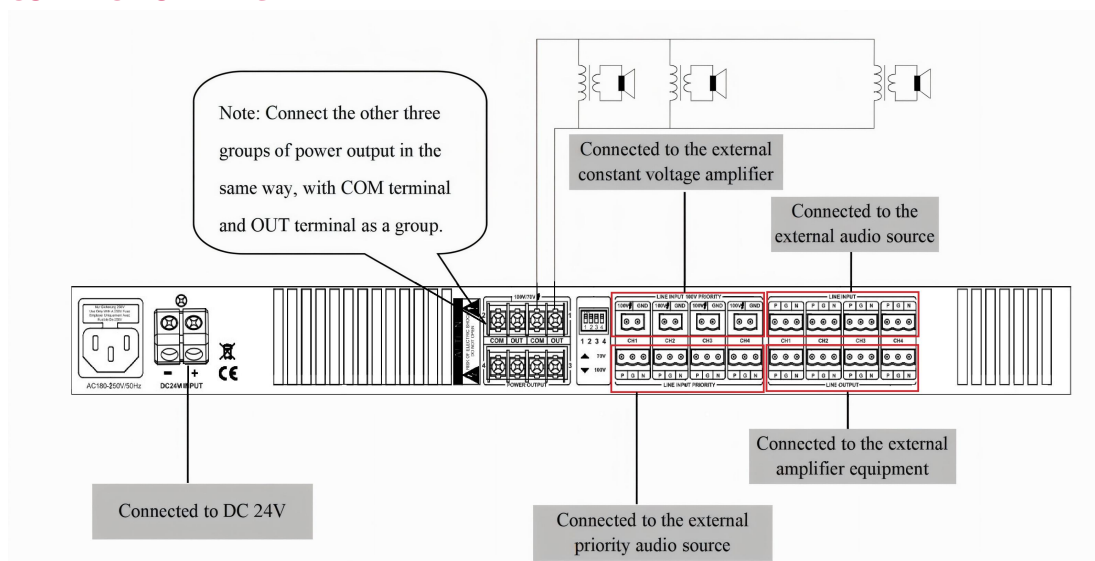
1. Status indicators
2. Volume controller
3. Power switcher

REAR PANEL



1. 220V AC input (with fuse)
2. 24V DC input (maximum core $\Phi 6\text{mm}$)
3. Fan
4. 70V/100V output
5. 70V/100V switcher
6. Priority 100VRM Sunbalanced input (two poles 3.81 phoenix)
7. Priority balanced AUX input (three poles 3.81 phoenix)
8. Balanced AUX input (three poles 3.81 phoenix)
9. Balanced AUX output (three poles 3.81 phoenix)

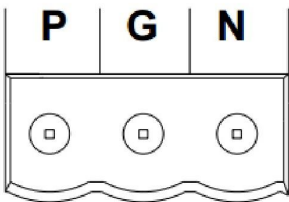
CONNECTION DIAGRAM



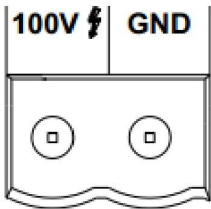
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Input Connection



(Fig. 1) 3-position 3.81 Phoenix



(Fig. 2) 2-position 3.81 Phoenix

- P—— Signal (+)

G—— Ground

N—— Signal (-)
- 100V—— 100V output terminal (hot terminal) of external constant voltage amplifier

GND—— Output ground (cold terminal)

ORDERING INFORMATION

Part Number	Description	Standard Quantity
NVS-20151004AM	4x250W 4 Channels Digital Power Amplifier	01

ACCESSORIES INFORMATION

Description	Standard Quantity
10A National Standard MP-P power line	01
User manual	01