

2 CHANNELS DIGITAL POWER AMPLIFIER 2X500W



DESCRIPTION

The NVS-20011002AM is a class D, two channel digital Power Amplifier with rack mount design in 1U type and rated power is 2x500W. 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.

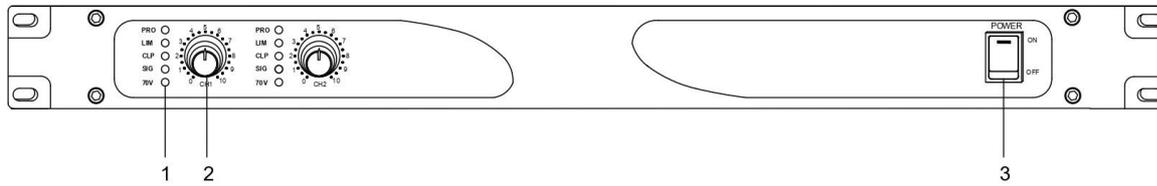
FEATURES

- ⦿ Multiple channels in 19" standard rack with efficient CLASS D amplifier
- ⦿ 70V/100V power output optional
- ⦿ Equipped with indications for power, signal, clip, protection and temperature
- ⦿ Equipped with priority input function and 100V input available
- ⦿ 1 U slim design, space and cost saving
- ⦿ Equipped with standby function for power saving

Specifications	
Model	NVS-20011002AM
Channels	2
Rated power/channel	500W
Rated output voltage	70V/100V
Input sensitivity	775mVRMS(0dBV/balanced input);100VRMS (100V unbalanced input)
S/N Ratio	> 80dB
Input impedance	60K ohms (balanced), 20K ohms (priority), 100K ohms (100V unbalanced)
Frequency response	80Hz-15kHz (±3dB)
Total harmonic distortion	<0.3 % (1kHz)
Power Consumption @ 1/8 Load	99W
Power Consumption @ 1/4 Load	136W
Power Consumption @ 1/2 Load	207W
Power requirement	AC180-260V/50-60Hz DC24V(rated power -3dB)
Dimension(L×W×H)	483×435×44 mm
Weight	6.4 Kg

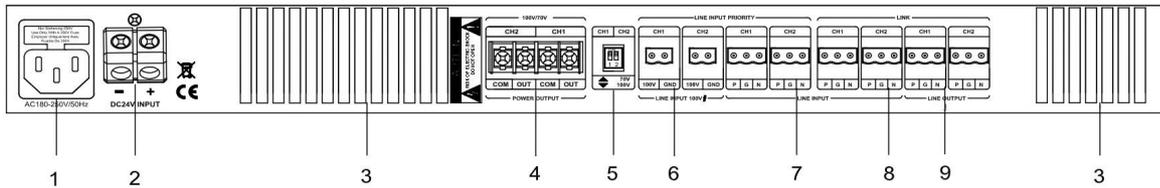
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FRONT PANEL



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

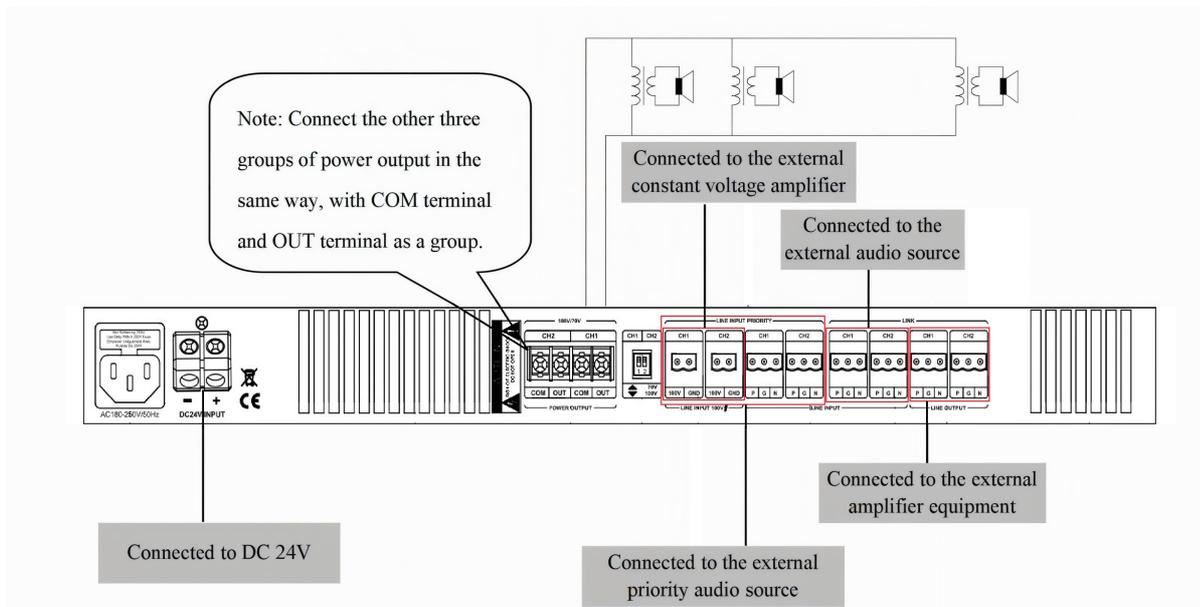
REAR PANEL



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

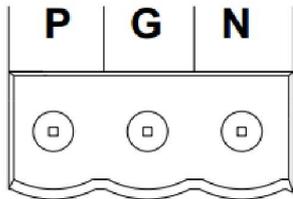
6. Priority 100VRM Sunbalanced input (two poles 3.81 phoenix)
7. Priority balanced AUX input (three poles 3.81 phoenix)
8. Balanced AUX input (three poles 3.81 phoenix)
9. Balanced AUX output (three poles 3.81 phoenix)

CONNECTION DIAGRAM

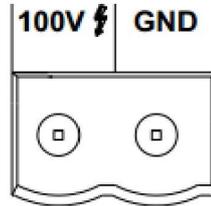


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Input Connection



(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-20011002AM	2 CHANNELS DIGITAL POWER AMPLIFIER 2X500W	01

ACCESSORIES INFORMATION

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