

## NVS-20011002AM

# 2X500W 2 CHANNELS DIGITAL POWER AMPLIFIER



### DESCRIPTION

This is a Class D digital amplifier designed for commercial and industrial public address applications. Rack mount design in 1U type and rated power is 2\*500W

Both balanced and unbalanced line inputs are available for each channel. Balanced line output feeds to another power amplifier as well as secures the signal transmission is less noise and longer distance. 70V, 100V speaker outputs are convenient for installation when selection different speaker matching. Complete protection includes clip, short circuit, high temp and overload. With indications for power, signal, clip, protection and temperature.

### FEATURES

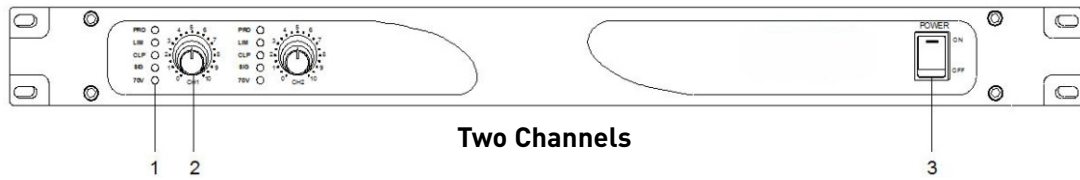
- ◆ Multiple channels in 19" standard rack
- ◆ 70V/100V power output optional
- ◆ Full digital with 2\*500W high efficiency
- ◆ With priority input function and 100V input available
- ◆ 1 U slim design, space and cost saving
- ◆ With standby function for power saving

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	1200
Power requirement	AC180-260V/50-60Hz      DC24V(rated power -3dB)

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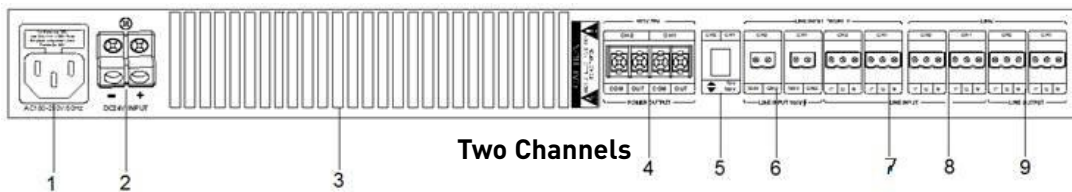
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## 1. FRONT PANEL



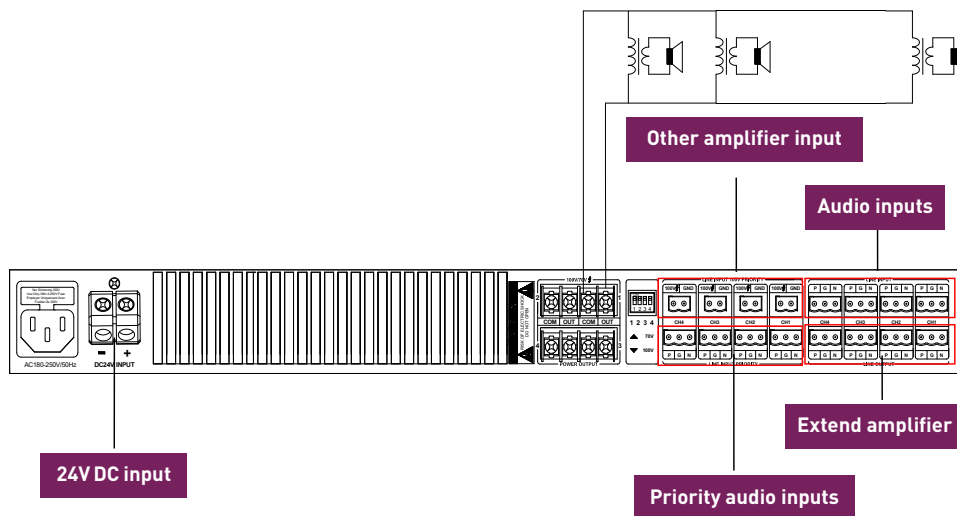
- 1. Status indicators
- 2. Volume controller
- 3. Power switch

## 2. REAR PANEL



- 1. 220V AC input (with fuse)
- 2. 24V DC input (maximum core 6mm)
- 3. Fan
- 4. 70V/100V output
- 5. 70V/100V switcher
- 6. Priority 100V RMS unbalanced input (two poles 3.96 phoenix)
- 7. Priority balanced AUX input (three poles 3.96 phoenix)
- 8. Balanced AUX input (three poles 3.96 phoenix)
- 9. Balanced AUX output (three poles 3.96 phoenix)

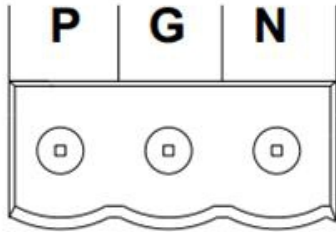
## 3. CONNECTION



NVS-20011002AM

# 2X500W 2 CHANNELS DIGITAL POWER AMPLIFIER

## 3.1 Input Connection



**P** - Signal (+)

**G** - Ground

**N** - Signal (-)

**100V** - 100V Output (Hot end)

**GND** - Ground (Cold end)

## 3.2 Output Connection

**COM** is for common end, **OUT** is for hot end

## ORDERING INFORMATION

Part Number	Description	Standard Quantity
NVS-20011002AM	2x500W 2 Channels Digital Power Amplifier	1 No.