

PA Power Amplifier 450W



DESCRIPTION

The NVS-20210451AM is a public address Power Amplifier with rack mount design in 2U type. Each channel features both balanced and unbalanced line inputs. The balanced line output feeds another power amplifier, ensuring that the signal is transmitted with less noise and over a longer distance. When selecting different speaker matching, 70V, 100V, and 4-16 Ω speaker outputs are convenient for installation. There is also a master volume control. Clip, short circuit, high temperature, and overload protection are all included. Power, signal, clip, protection, and temperature are all indicated.

FEATURES

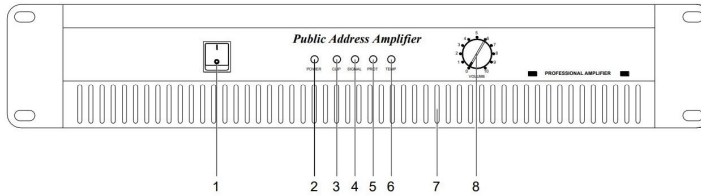
- ⦿ Rack mount amplifier in 2U height
- ⦿ Isolated transformer for human safety operation
- ⦿ 5 LED indicator for status display
- ⦿ XLR socket and 6.35mm jack for additional mixer or amplifier link
- ⦿ Indications for power, signal, clip, protection and temp
- ⦿ Reliable protection from overheat, overload, clip & short circuit
- ⦿ Excellent device of radiator cooling fan ensures working effectively

Specifications

Model	NVS-20210451AM
Rated Power	450W
Frequency Response	50Hz ~15kHz (\pm 3dB)
Input Sensitivity(1m,1w)	0dBu
Total Harmonic Distortion	<0.3% into 4 Ω /1kHz
Signal to Noise Ratio	> 80dB
Input CMRR	>90dB
Slew Rate	>15V/microsecond
Damping Factor	200:1
Rated output voltage	70V/100V/4-16 Ω
Power Consumption	700W
Power Supply	AC220~240V / 50~60Hz
Weight	17Kg
Dimension	483x380x88mm

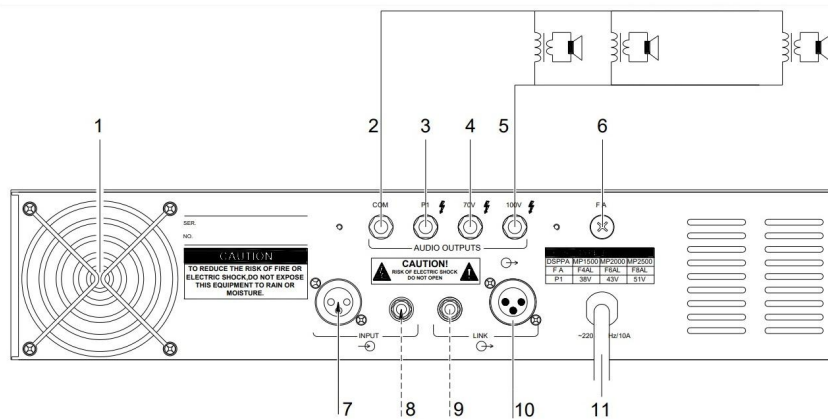
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FRONT PANEL



1. AC power switch (1 is power on and the "power LED" is on)
2. Power LED indicator
3. CLIP LED indicator (Please reduce the gain to prevent Severely clipped waveforms reaching the loudspeakers)
4. SIGNAL LED Indicator (output level)
5. PROT LED indicator (DC or output circuit shorted indicator)
6. TEMP LED indicator (high temperature indicator)
7. Unit's fan exhaust window
8. Volume (input attenuator)

REAR PANEL



1. fan intake window
2. COM. Output
3. P1 output (4-16 ohm)
4. 70V output
5. 100V output
6. 220V AC fuse
7. XLR input
8. 6.35 mm socket input
9. 6.35mm socket link
10. XLR link
11. 220V AC power cord

ORDERING INFORMATION

Part Number	Description	Standard Quantity
NVS-20210451AM	PA Power Amplifier 450W	01