

Power and Performance for Demanding AV Installations



2x120 W audio amplifier

Outstanding audio quality through ICEpower® Class D

Discrete two-channel or bridged mono for higher power

Operates on any AC line current (110-230V)

Energy-saving auto on/standby

Short circuit, over-current and thermal protection

Power supply and output stage efficiency greater than 90%

Housed in a stylish 1U rack-mount enclosure, Neets Audio Amplifier - 120 supplies two channels of robust amplification for driving the high-quality loudspeakers typically used in larger meeting / conference rooms, lecture halls and many commercial establishments.

At the heart of the Audio Amplifier - 120 is the advanced ICEpower® Class D module. ICEpower® is an independent subsidiary of Bang & Olufsen a/s.

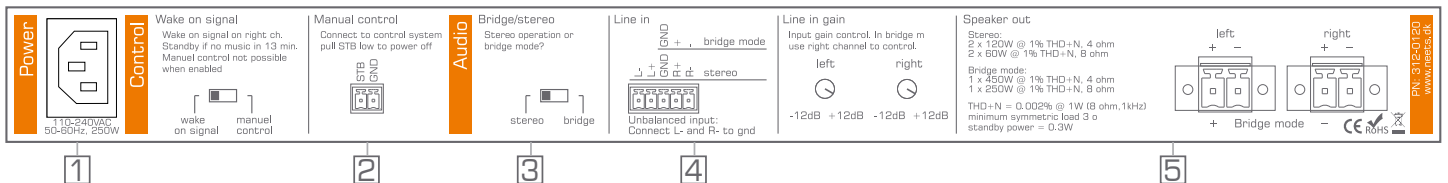
Engineered in Denmark, they deliver robust power, full bandwidth response

and extremely low distortion with 90% efficiency.

In two-channel mode the amplifier can be used for stereo reproduction of video soundtracks or for driving speakers in two separate audio zones. In bridged mode, it is suitable for driving multi-way full range systems or subwoofers with 450 W @ 4Ω.

Comprehensive protection features guard against damage to the amplifier or connected loudspeakers.

Neets Audio Amplifier - 120 delivers the capability to drive larger AV Installations.



Connections key:

- 1 AC line input, 110 – 240 VAC, 50 – 60 Hz
- 2 Manual power control input
- 3 Stereo 2x120 W @ 8Ω or
bridge 1x450 W @ 4Ω mode
- 4 Line input, balanced or unbalanced
- 5 Speaker outputs

Applications:

- Lecture halls and
larger classrooms
- Conference rooms
- Board rooms
- Audio-for-video in
restaurants, hotels etc.

Technical specifications:

Power output:
(1% THD+N) – stereo
2 x 120 W @ 4Ω
2 x 60 W @ 8Ω

Power output:
(1% THD+N) – bridged mono
1 x 450 W @ 4Ω
1 x 250 W @ 8Ω

THD+N @ 1 W:
0.002% @ 8Ω, 1 kHz

Frequency response:
20 Hz – 20 kHz

Output efficiency:
up to 90%

Damping factor:
>500 @ 8Ω

Dynamic range (A wtd.):
117 dB stereo
121 dB bridged mono

Input impedance:
>5 kΩ

Input gain range:
- 12 dB to + 12 dB

Input connector:
5-pole Euroblock

Output connectors:
2 x 2-pole Euroblock

Front-panel LEDs:
Power (green)

Wake on signal active:
Green

Over-current:
Orange

Thermal:
Orange

AC power input:
110 – 240 VAC, 50 – 60 Hz

Maximum power draw:
250 W

Dimensions:

Width: 482.5 mm (19")

Height: 44 mm (1.75") or 1U

Depth: 146 mm

Weight: 2,2 kg

Conformity:

Approval: CE

EN 61000-6-2: 2005

EN 61001-6-3: 2005

Included in delivery:

1 x audio amplifier

IEC cord for country of sale

Mating screw terminal blocks
for all connectors

Item number:

312-0120:

Neets Audio Amplifier - 120