PUBLIC ADDRESS, 100 V AMPLIFIERS

AMP4300

Part no. H11756 EAN 3662009028316

Controlled power, minimal heat.

Compact, lightweight 4 x 300 W in-line 70/100 V amplifier. Class D, thermo-regulated cooling, HPF 80 Hz, front and rear controls. Euroblock connections. Auto-standby, full protection. 2U format, 6.7 kg.



PRODUCT PAGE ONLINE

audiophony-pa.com/en/product/amp4300

Manuals, compatible accessories and updates — scan the code or click the address.

Technical specifications

Output impedance	**33 ohms at 100 V**
Input sensitivity	**0 dBV / 20 kΩ balanced**
Frequency response	**20 Hz – 20 kHz**
THD+N	**< 0.05%**
Damping factor	**> 500 @ 1 kHz**
Power supply	**PFC switching, AC 90–264 V, 50/60 Hz**
Controls	**ON/OFF switch on the front panel, volume and HPF on the rear panel**
Dimensions	**483 x 88 x 425 mm (2U, 19”)**
Weight	**6.7 kg**

Overview

The AMP4300 amplifier delivers 4 × 300 W in a 70/100 V line for your medium- and large-scale installations requiring power and multi-zone control.

Shopping centers, sports complexes, commercial buildings: whenever the coverage area expands and power requirements increase, this multichannel amplifier is the natural choice. Its four 300-watt channels allow you to power multiple zones with sound levels tailored to each space. The Class D design combines high power with a low thermal footprint, while the rear-panel controls ensure that only installers have access to critical settings.

Controlled power, minimal heat.

Thanks to its Class D technology, this amplifier delivers 4 × 300 W at 100 V with exceptional energy efficiency and minimal heat generation. The audio spectrum fully covers the 20 Hz–20 kHz range with harmonic distortion kept below 0.05% and a signal-to-noise ratio exceeding 100 dB. The temperature-controlled cooling system adjusts its operation to the actual thermal load, ensuring stability and longevity without unwanted noise.

Automated Energy Management.

The smart standby mode detects the absence of a signal for 15 minutes and automatically reduces the amplifier’s power consumption. This continuous monitoring of the audio stream optimizes energy usage without compromising responsiveness: the device instantly returns to normal operation as soon as a signal is detected. A key advantage for controlling long-term operating costs while minimizing environmental impact.

Integrated installer setup.

Each channel has its own volume control and a switchable high-pass filter (Flat/HPF 80 Hz), accessible only from the rear panel. Euroblock terminal blocks on all connections facilitate wiring and enhance connection reliability. On the front panel, four indicator lights per channel (Signal, -20 dB, Clip, Protect) provide immediate visual feedback. The standard 2U rack-mount chassis houses the electronics in a compact design weighing only 6.7 kg.

| Output power: 4 x 300 W at 100 V

| Class D technology: optimal energy efficiency and low heat output

| Rear-panel installer controls: volume control and 80 Hz high-pass filter (HPF; switchable between Flat and HPF per channel)

| Automatic standby mode after 15 minutes without a signal

| Active cooling via temperature-controlled ventilation for continuously regulated temperature

| Euroblock connectors: secure inputs and outputs for quick and reliable installation

| Front-panel indicator lights: Signal, -20 dB, Clip, Protect

| Built-in protections: short circuit, open circuit, thermal, limiter, HF, and RF

Compatible accessories



PMX34
H11017



MIX 7.1
B08402



B4.2 MEDIAMIX
B08400



EXT208
H11363



EXT312
H11364



EXT415
H11365



EXT415SW
H11366



ONDE880B
H11372



ONDE880W
H11370



EXT106
H11615



PREZONE444 MKII
H11767



PARK100
H11766

Photo


AC INPUT 90-264V 50/60Hz
CH 3
CH 1
CH 4
CH 2
COM
DANGER
High voltage !
70 / 100V
CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION : REPLACE ONLY WITH THE SAME TYPE AND RATING OF FUSE.
TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK DO NOT EXPOSE THIS APPLIANCE TO RAIN AND MOISTURE.
ATTENTION : UTILISER UN FUSIBLE DE RECHANGE DE MEME TYPE.
AFIN D'EVITER TOUT RISQUE DE FEU OU DE CHOC ELECTRIQUE, EXPOSEZ PAS CET APPAREIL A LA PLUIE OU A L'HUMIDITE.
CHANNEL 3
CHANNEL 1
CHANNEL 4
CHANNEL 2
STANDBY