Datasheet

PAS-WA225W-AK | 50W Dual-Channel Wall Amplifier with 4" Android Touchscreen & Smart Control Interface | 8Ω@25W*2CH







Key features

- 4-inch 480×480 IPS touch screen and crystal panel for user-friendly control.
- Bluetooth and WiFi/Ethernet connectivity for wireless and network integration.
- Supports multiple audio/video formats for flexible playback.
- 2×25W output power with secure phoenix connectors.
- RS485 and RJ45 interfaces for integration and third-party control.
- Tuya app compatibility for smart home management.

Product Overview

This 50W Dual-Channel Wall Amplifier with 4" Android Touchscreen & Smart Control Interface 8Ω@25W*2CH smart control for modern audio applications, equipped with a high-sensitivity IPS touchscreen and crystal panel for intuitive operation. It features 2×25W output power, supporting a wide range of music and video formats including mp3, WMA, AAC, MPEG, and more. Designed for secure, fast installation, the amplifier utilizes Bluetooth, WiFi, and Ethernet for flexible connectivity and offers robust third-party system integration via RS485 and RJ45 interfaces.

The device supports the Tuya app for smart control in hotels, villas, homes, commercial areas, and more. Powered by Android 8.1 and equipped with 1GB RAM and 8GB ROM, it is housed in a durable, compact form—with a product dimension of 172×86×42mm and net weight of 400g. Its secure audio input, standard 86 mounting, and high SNR ensure optimal audio performance for demanding installations.

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Technical Specification

Feature	Details
Model	PAS-WA225W-AK
Output wattage	2*25W
Speaker resistance	8 ohm
Operating system	Android 8.1
Memory	1G
Storage	8G
Connectivity	WiFi, Ethernet
Screen type	4-inch HD touch screen
Display resolution	480*480 IPS
Bluetooth range	10M
Signal-to-noise ratio (SNR)	≥98dB
Frequency range	20Hz-20KHz
Supported audio file formats	Mp3, WMA, WAV, AAC, WAW, APE, OGG, etc.
Supported video file formats	MPEG-1/2/3/4, RMVB, WMV, MOV, MKV, AVI, H.264, etc
Power input	AC 90-250V
Product color	black
Product dimensions	172x86x42mm
Net weight	400g
Certifications	CE, RoHS compliance

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