



UK
TECHNOLOGY

MULTI-ROOM WIFI AUDIO SYSTEM

MC-WAS-AM850-Z4



Professional Product Overview

The MC-WAS-AM850-Z4 is a high-performance four-zone network stereo amplifier for residential and commercial multi-room audio. It provides 8 x 50W RMS output, digital and analogue I/O, streaming services and Ethernet networking.

4 Zones

Multi-room audio

8 x 50W

4-zone stereo RMS

100W @4Ω

Bridge mode

Ethernet

Network streaming

Four-zone network stereo amplifier for residential and commercial multi-room audio



Description & Key Features

The MC-WAS-AM850-Z4 is a multi-room system that enables users to enjoy music anywhere in the home. It contains four audio amplifiers for connection to four sets of stereo speakers, with analogue and digital audio outputs in each zone.

Using network streaming and app control, it supports online music services, phone storage, Spotify and other sources, allowing different rooms to play the same music or independent content.

01 Four-zone amplification

Each zone provides 50W x 2 @ 8 Ohm stereo output.

03 Multi-room function

Play different songs in different rooms or the same song everywhere.

05 Rich I/O interface

Each zone has separate digital and analogue input/output.

07 Streaming protocols

Supports Spotify Connect, AirPlay, DLNA, UPnP and Qplay.

09 Ethernet loop

Ethernet in and out support network sharing.

11 App synchronisation

Local music sources via master input and app sync.

02 Bridge mode output

Supports 100W @ 4 Ohm bridge mode per channel.

04 Easy network setup

Connect to the home network and the system is ready to use.

06 Master source input

Master input can feed all zones at the same time.

08 Online services

Supports Spotify, Tidal, Deezer, Qobuz, Napster and internet radio.

10 RS232 control

Dual-way RS232 control interface for system integration.

12 Professional rack format

2U rack size for central audio equipment rooms.

Technical Specifications

System Specifications

Parameter	Specification
Model	MC-WAS-AM850-Z4
Description	Multi-zone stereo network amplifier
Type	Multi-zone stereo amplifier
Application	Residential and commercial multi-room audio
Power RMS	8 x 50W, 4-zone stereo
Speaker Output	50W per channel @ 8 Ohm; bridge mode 100W @ 4 Ohm
Line In / Pre Out	Max 2V RMS input
Optical Input	Max 192kHz / 24bit PCM decoding
Dimensions	2U rack size

Audio Inputs & Outputs

Parameter	Specification
Audio Inputs	Analogue and digital inputs per zone
Audio Outputs	Pre-out, line out, coaxial and speaker outputs
Streaming Protocols	Spotify Connect, AirPlay, DLNA, UPnP and Qplay

Control, Event & Physical Data

Control & System Features

Parameter	Specification
Network	Ethernet In, Ethernet Out and network sharing
Control Interface	Dual-way RS232 and app-based source control

Environment & Physical

Parameter	Specification
Online Services	Spotify, Tidal, Deezer, Qobuz, Napster, Pandora, Amazon Music and internet radio
Mounting	2U rack installation
Local Sources	Master input source and app sync
Power Input	AC input with voltage selector
Application	Residential and commercial multi-room audio

