



R2

Multi-Zone Audio Matrix

► Features

- 8 x 8 Digital Audio Matrix
- Powerful DSP Processor
- Fully digitally controllable
- Modular structure (Easy to expand)
- Web based user interface
- Up to 256 pre-programmed events
- 10 Peripheral interfaces
- RS232 Interface
- Priority inputs

► Applications

- Restaurants, Clubs, Bars
- Theaters, Hotels
- Conference facilities, Houses of worship
- Professional offices, Public buildings
- Private houses, Libraries
- Fire departments, ...



The R2 is a Multi - Zone audio distribution system, which is a truly polyvalent solution for commercial and residential applications. It delivers a comprehensive and expandable powerful solution for nearly every situation. With it's large number of extension modules and configuration modes, it provides a solution for an uncountable amount of installations, large or small - simple or complex.

In general, it is an 8 x 8 digital audio matrix, which is based on a powerful DSP processor. It is fully digital controllable, and the built-in digital matrix makes it possible to patch any of the input signals to any of the zone outputs.

In its standard version, it is equipped with 8 analog line inputs, and 8 analog line outputs, but the flexible structure makes it possible to extend this number to an appropriate solution for each specific situation.

If desired, it is easy to cascade multiple R2's with the optional fiber interconnection modules. This makes it possible to transfer up to 32 audio channels (16 stereo) and to extend to an nearly unlimited number of zones.

In addition, a real-time clock is provided which makes it possible to create time schedules with up to 256 pre-programmed events, single and recurring.

It features a full functional web based user interface, which means that the amplifier can be fully operated by means of a web browser, which makes it possible to configure and control it from any device which is connected to the internet, such as a PC, Laptop, PDA or even a smartphone, without requiring additional software.

Besides the regular analog line in- and outputs are all the desired connection possibilities provided, such as 10 peripheral interface ports, an RS232 control port (to be used in combination with home automation systems), two priority audio inputs and two priority digital contact inputs and coaxial and optical digital audio inputs.

► Specifications

PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	482 x 132 x 350 mm
Mounting	19" Rack
Connections	8 x Stereo Line analog in and outputs
	2 x S/PDIF in and outputs
	2 x Priority audio inputs
	2 x Priority contact inputs
	10 x AUDAC peripheral ports (8 x audio)
	Ethernet remote control input
SYSTEM SPECIFICATIONS	
Power supply	230 V AC / 50-60 Hz Switched

Note: The AUDAC R2DIS interactive 7" touch-screen display kit shown on some promotional images of the R2 is an optional expansion kit not included in the standard R2.