R2POW
Power Amplifier kit for R2
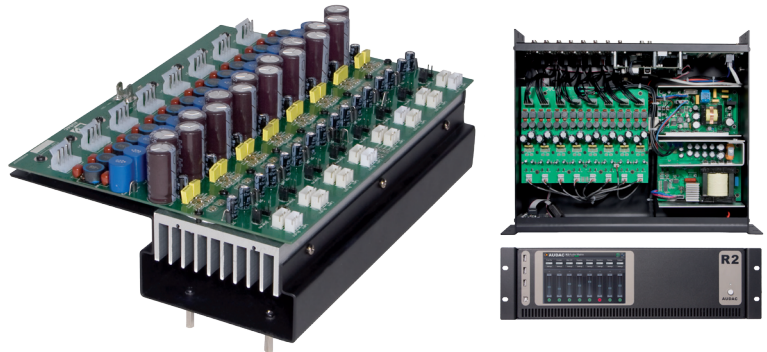
AUDAC

▶ Features

- **Class-D Technology**
- **High Efficiency**
- **16 Channel Power amplifier**
- **Bridge mode**
- **16 x 40 Watt RMS (Stereo mode)**
- **8 x 80 Watt RMS (Bridge mode)**
- **Advanced Protection circuit**
- **Internal installation (R2)**

▶ Applications

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

The R2POW is an optional power amplifier kit which can be installed inside the R2 Multi-Zone Digital Audio Matrix housing.

In its standard configuration, the R2 is equipped with 8 line level output channels on which the appropriate amplifiers can be connected, depending on the required power for the specific application.

For certain applications where no large power capacities are required, the optional power amplifier kit can be installed, resulting in a multifunctional matrix and power amplifier merged into one single housing.

The R2POW consists of a 16 Channel (8 Stereo Channel) Class-D amplifier, delivering a power of 40 Watt to every channel. In bridge mode an output power of 8 x 80 Watt can be obtained.

It features an advanced protection circuit which protects against DC malfunctioning, short circuit, overheating and overload while a large heatsink and speed controlled ventilation fan ensure a proper operation temperature is continuously maintained.

The R2POW Power amplifier kit includes the power amplifier module, a switching power supply and all necessary connection and installation accessories to properly install the kit inside the R2's housing.

▶ Specifications

SYSTEM SPECIFICATIONS	
RMS Power @ 4 Ohm Stereo	16 x 40 Watt
RMS Power @ 8 Ohm Stereo	16 x 20 Watt
RMS Power @ 8 Ohm Bridge	8 x 80 Watt
Load Impedance	4 Ohm Stereo
	8 Ohm Bridge
Frequency response	20 Hz - 20 kHz
Signal to noise ratio	> 100 dB
T.H.D at 1 kHz	Less than 0.1% (1/2 rated power)
	Less than 0.15% (rated power)
Technology	Class-D
Power Supply	Switching mode
Cooling	Temperature controlled fan
Protection	DC short circuit
	Overheat
	Over load
Operating temperature	0° ~ 40° C at 95% Humidity
PRODUCT FEATURES	
Weight net	3.9 Kg
Mounting	Internal in R2
SHIPPING & ORDERING	
Packaging	Carton box
Shipping weight and volume	4.9 Kg - 0.01 Cbm

*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our products