

DMA

DIGITAL MATRIX AMPLIFIER

FOUR CHANNELS MATRIX AMPLIFIER

DMA 504 is a four channels Class-D matrix amplifier equipped with a powerful DSP platform, allowing managing inputs and outputs in terms of routing and equalization: a complete set of processing functions is available, including PEQ, FIR filters, bass enhancement, limiters, compressors and environmental equalization. Moreover, specific presets for RCF speakers have been implemented, and can be selected to optimize their acoustic performance.

DMA 504 features lightweight 2 rack units size and accurate design that, together with its environmental robustness, make it ideal for a wide range of applications, from retail stores to bars and restaurants, meeting rooms, education or public facilities, and more in general to any background and foreground music application. Moreover, it is suitable for both desk top or rack installation (dedicated accessory included). Each unit offers 2 stereo LINE inputs on RCA connectors and

1 MIC+LINE balanced input on removable screw terminals. A LINE output is also available, with low pass filter facility for the connection to an active subwoofer. A dedicated paging input on RJ 45 connector allows the connection of up to 4 paging consoles BM 404, interlocked on a single chain, and a wall mount remote control RC 401 can be connected to each output channel to adjust volume level and select the desired input. DMA 504 can distribute 4 audio channels to other units through an analogue audio BUS, combining a flexible and scalable multi-room architecture with an easy connection and installation. Configuration is also very user friendly, and can be done through the front panel controls (with OLED display), or RDNet.



- 4 x 500 W Class-D power amplifier
- 20 ÷ 20000 Hz frequency range
- Full on-board processing
- RCF speakers' presets
- Proprietary bass enhancer algorithm
- FIRPHASE linear phase filters

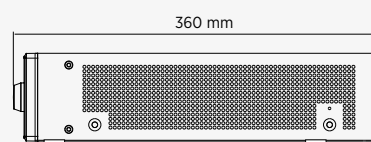
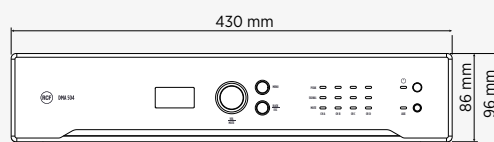
- Flexible and scalable multi-room architecture
- RDNet for networked management
- Remote controls and paging console accessories
- 96x430x360 mm - 3.78"x16.93"x14.17" (HxWxD)
- 6.2 kg - 13.67 lbs



DMA 504

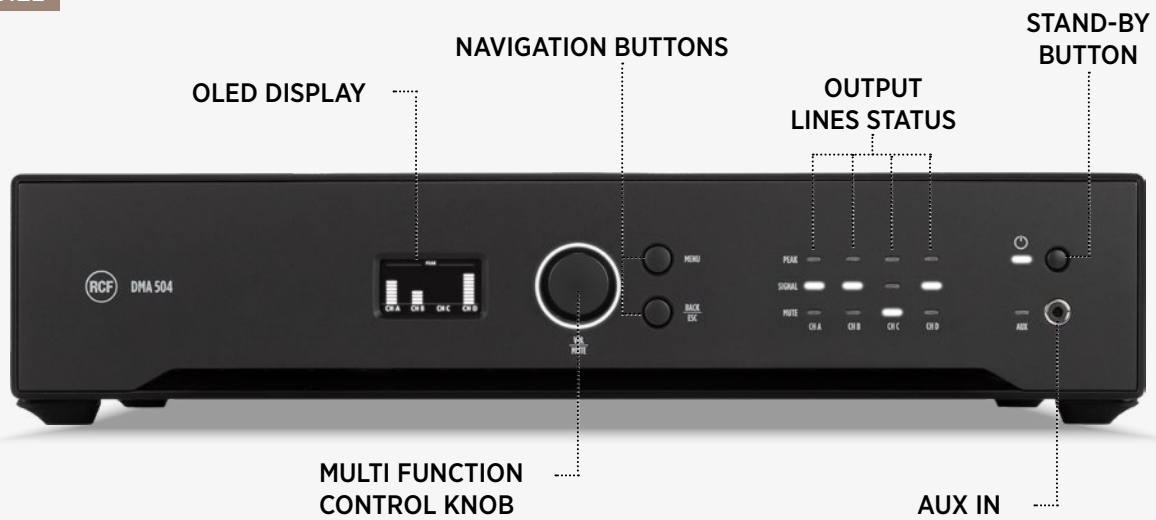
4 x 500 W (@ 4 ohm)

p.n. 12100035 (EU) - 12100048 (US) - 12100049 (UK)





FRONT PANEL



REAR VIEW

