



DMA 162P

TWO CHANNELS POWER AMPLIFIER



Description

DMA 162P is a two channels Class-D power amplifier, equipped with a powerful DSP platform. Its natural use is in combination with a DMA unit, in order to increase installed power and implement multi-room architectures for Commercial Audio systems. However, its adaptability, control tools, and available inputs allow using it as a stand-alone amplifier: in fact, adding the optional RDNet board the user can manage all DSP functions and choose the specific RCF speakers preset. Thanks to the extremely compact size, accurate design, and robustness, it is ideal for a wide range of business music applications.

Features

- › 2 x 160 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
- › Suitable for desktop or rack installation
- › RDNet ready for networked management

Part Number

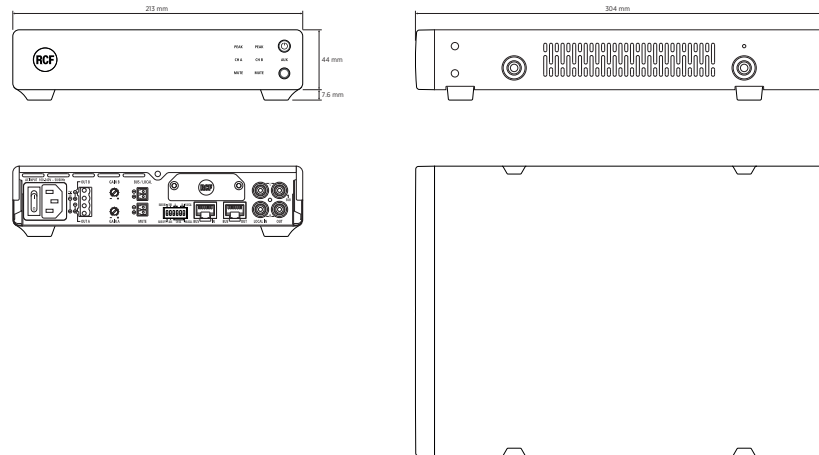
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|----------|-------------|----|----------|-------|-------------------|
| 12100028 | DMA 162P EU | EU | 90-240 V | Black | EAN 8024530017163 |
| 12100042 | DMA 162P US | US | 90-240 V | Black | EAN 8024530018429 |
| 12100045 | DMA 162P UK | UK | 90-240 V | Black | EAN 8024530018450 |



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Line Art 2D



Amplifier specifications

TECHNICAL SPECIFICATIONS

| | |
|---|--|
| Amplifier Class | D |
| Output Power Output power (all channels driven): | 2 x 160 W @ 4 ohm 2 x 160 W @ 8 ohm 1 x 320 W @ 4 ohm (bridge) 1 x 320 W @ 8 ohm (bridge) |
| Output power @ 70 V | 1 x 320 W @ 70 V |
| Frequency Response (-3dB) | 20 Hz ÷ 20000 Hz |
| SNR Analog inputs SNR Analog inputs ("A" weighted): | >93 dB |
| Distortion (THD+N) @ 1 kHz nominal power | <0.01 % |
| Input section | |
| Total number of inputs | 6 |
| Balanced | 4 |
| Unbalanced | 2 |
| Mono | 4 |
| Stereo | 2 |
| Line inputs | 6 |
| Line connectors | Picoflex, RCA, RJ45 |
| General Purpose Inputs (GPI) | 2 |
| Output section | |
| Signal output number | 1 |
| Signal output connectors | RCA |
| Power output connectors | Euroblock |
| Processing | |
| DSP | Yes |
| EQ Filters | Yes |
| FIR | Yes |
| Compressors | Yes |
| Tone controls | Yes |
| High-pass filter | 80 Hz ÷ 200 Hz |
| Configuration and control | |
| Configuration | DIP switch, PC Software |
| RCF speakers presets | Yes |
| Protocols for system integration | Proprietary |
| RDNet | Ready |



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| | | |
|--------------------------------|-----------------------------|---|
| Protections | Cooling | Forced |
| | Short circuit | Yes |
| | Thermal | Yes |
| | DC | Yes |
| | Fuses | Yes |
| | VHF (Very High Frequencies) | Yes |
| Power requirement | Operating voltage | 90-240 V- 50/60Hz |
| | Power consumption | 400 W |
| Standard compliance | Safety agency | CE compliant, UL 62368-1 |
| Physical specifications | Color | Black |
| | Rack mounting | 1/2 19", 1U , Optional rack mounting accessory required |
| Size | Height | 44 mm / 1.73 inches |
| | Width | 213 mm / 8.39 inches |
| | Depth | 304 mm / 11.97 inches |
| | Weight | 1.65 kg / 3.64 lbs |
| | ACCESSORIES | |
| Electronics | BT BOARD DMA | 12399065 8024530018788 |
| | RDNET BOARD DMA | 12399048 8024530017750 |
| | TRF-KIT DMA 162 | 12399069 8024530020835 |
| Rack Components | AR 1050 | 17360039 8024530016180 |
| | RM-KIT DMA | 13360426 8024530017415 |