

ISP PA Range

SPECIFICATIONS



| | | PA 16 MK2 | PA 8 MK2 ULTRA |
|---|--|----------------|--|
| Main Features | | | |
| Control | Power status (Button ON/OFF) | ✓ | ✓ |
| | Power indication (LED, red / green) | ✓ | ✓ |
| Protection (Blinking LED) | Overheat | ✓ | ✓ |
| | Overcurrent | ✓ | ✓ |
| | Overvoltage | ✓ | ✓ |
| | DC error | ✓ | ✓ |
| Power up | Trigger control or front button | ✓ | ✓ |
| Electronically controlled ventilation | Using several thermal sensors | ✓ | ✓ |
| Connectivity | | | |
| Analog Inputs | XLR | ✓ | ✓ |
| | RCA | N/A | N/A |
| Ethernet | Connected to network (DHCP or static IP) | ✓ | ✓ |
| Trigger In, trigger out | (daisy chain with electronic delay) | ✓ | ✓ |
| Remote Monitoring via ISP processor User Interface | | | |
| | Serial number (settable, at production) | ✓ | ✓ |
| | IP address | ✓ | ✓ |
| | Amplifier model | ✓ | ✓ |
| | Temperature | ✓ | ✓ |
| | Fan speed | ✓ | ✓ |
| | Power status and control | ✓ | ✓ |
| | Mute status | ✓ | ✓ |
| | Protection / malfunction | ✓ | ✓ |
| Specifications | | | |
| Amplifier class | Pascal Audio | Class D | Class D |
| Channel configuration | | SE - 16 | SE - 8 (Normal) BTL - 4 (Bridged) |
| Output power 2 channels driven | RMS 8 Ω : 1 kHz 0.1% distortion | 200 W | 200 W 800 W |
| | RMS 8 Ω : 1 kHz 1% distortion | 250 W | 250 W 1000 W |
| | RMS 4 Ω : 1 kHz 0.1% distortion | 400 W | 400 W 900 W |
| | RMS 4 Ω : 1 kHz 1% distortion | 490 W | 490 W 1100 W |
| Output power All channels driven | RMS 8 Ω : 20 Hz - 20 kHz 0.1% distortion | 200 W | 200 W 800 W |
| | RMS 4 Ω : 20 Hz - 20 kHz 0.1% distortion | 225 W | 400 W 800 W |
| Frequency response | High : -3 dB CEM | 50 kHz | 50 kHz 50 kHz |
| | Low : -3 dB CEM | 10 Hz | 10 Hz 10 Hz |
| Signal / Noise ratio (Bandwidth: 20 kHz) | Referred to P-rated | > 115 dB | > 115 dB > 115 dB |
| THD (20Hz-20kHz), 1 Watt to -1dB max. power | | < 0,03% | < 0,03% < 0,03% |
| Gain | Standard | 26 dB | 26 dB 32 dB |
| Damping factor | | > 400 | > 400 |
| Fan noise (max.) | | < 30 dB | < 30 dB |
| Power Supply | | | |
| | Voltage range | 100V to 240V | 100V to 240V |
| | Type | SWITCHING MODE | SWITCHING MODE |
| | Power supply capacity | 3200 W | 3200 W (Ultra high current) |
| | Range selection | Universal | Universal |
| Casing | | | |
| | Home / Rack | ✓ / ✓ | ✓ / ✓ |
| | Gross weight (kg) | 25,00 | 25,00 |
| | Net weight (kg) | 21,00 | 21,00 |
| | Size | 3RU | 3RU |
| | Dimensions - product (cm) | 49 x 43,5 x 15 | 49 x 43,5 x 15 |
| | feet and connectors included | | |
| | Dimensions - with box (cm) | 67 x 63 x 30 | 67 x 63 x 30 |

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