

DP 600
DP 1200
DP 2400
DP 3000



PROFESSIONAL POWER AMPLIFIER



DP series is a versatile digital amplification platform for MAG Audio systems involved in fixed installation, mobile sets, and concert sound.

It is a world-class amplification solution with class D architecture and switch-mode power supply, providing cost-effective operation and less environmental footprint. With operation capacity into 4 Ohm, 8 Ohm, and bridged connections, wide range of wiring for different applications is possible.

DP series is supplied with the built-in database of MAG Audio speakers' presets, further reducing tune-up times while ensuring better protection and trouble-free operation. Complete with dedicated software suite, DP series serves as a control center for the entire installation, providing user-friendly interface for tuning, controls, monitoring, and preset management.

Lightweight, compact amplifiers are assembled on rigid metal chassis with efficient cooling, and are ready for long-term operation in demanding conditions of tight-spaces with minimal air conditioning.

DC 600 DC 600A	DC 1200 DC 1200A	DC 2400 DC 1200A	DC 3000 DC 3000A
2x 300W @4Ohm	2x 600W @4 Ohm	2x 600W @4 Ohm	2x 1500W @4 Ohm
2x 200W @8 Ohm	2x 400W @8 Ohm	2x 400W @8 Ohm	2x 1000W @8 Ohm

- World-class amplification involving class D architecture with switch-mode power supply provides cost-effective operation and less environmental footprint.
- Operation capacity into 2, 4, 8 Ohm and bridged connection provides wide range of wiring for different cinema channels and theatre sizes.
- Modern built-in DSP provides necessary input/output matrix, crossover, equalization, alignment delays, limiter and protection for easy system building and smooth operation.
- DP series is supplied with database of ready speaker presets for MAG Audio systems, further reducing tune-up times while ensuring better protection and trouble free operation.
- Automatic impedance control system assists in quick speaker failure detection and elimination.
- Dedicated Software suite, available for free from manufacturer's website, serves as control centre for entire sound installation, providing user-friendly interface for tuning, controls, monitoring, and preset management.

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TECHNICAL SPECIFICATIONS

	DP600 Power Amplifier	DP1200 Power Amplifier	DP2400 Power Amplifier	DP3000 Power Amplifier
Frequency range	20 Hz - 20 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz
Channel count	2	2	2	2
Nominal power, per channel, 2 Ohm load	-	-	1200 W	-
Nominal power, per channel, 4 Ohm load	300 W	600 W	800 W	1500 W
Nominal power, per channel, 8 Ohm load	200 W	400 W	600 W	1000 W
Nominal power, two channels bridged, 8 Ohm load	600 W	1200 W	2400 W	3000 W
Amplifier	Class D high efficiency			
Presets	Built-in MAG Audio speaker presets			
DSP speaker controls	6 parametric EQ, volume, polarity			
DSP utility controls	Power saving mode, power-up mode, 3-level password protection			
Input sensitivity	+5dBu	+5dBu	+2dBu	+7dBu
Maximum input level	+20dBu			
Input impedance	18 kOhm unbal., 36 kOhm bal.			
Crosstalk separation	85 dB @ 1 kHz	85 dB @ 1 kHz	85 dB @ 1 kHz	71 dB @ 1 kHz
THD	<0,08% from 0,1 W to full power (typically <0,05%)	<0,08% from 0,1 W to full power (typically <0,05%)	<0,08% from 0,1 W to full power (typically <0,05%)	<0,09% from 0,1 W to half power (typically <0,05%)
Power consumption, 1/8 of max output power @ 8 Ohm	110 VA	220 VA	220 VA	600 VA
Damping factor, 8 Ohm	> 10000 @ 100 Hz	> 10000 @ 100 Hz	> 10000 @ 100 Hz	> 500 @ 100 Hz
S/N ratio, analog	100 dB			
S/N ratio, digital AES/EBU	114 dB			
Connectors	XLR input, XLR output, Powercon mains input, Ethernet input/link 2x XLR AES/EBU digital input			
Dimensions (W×H×D)	480x90x255 mm, 2U			
Net weight	4,9 kg	4,9 kg	5,6 kg	5,6 kg