



PAD series product preview

Sleek. Compact. Powerful. This is How You Build a Really Cool Amplifier

When install space is at a premium, but your sound system demands plenty of power to realize its full potential, Polk Audio's new super-efficient D Series amplifiers are a very cool solution. All D Series amps offer an ultra-compact, minimalist design and come in 2-channel, 4-channel and monoblock configurations, as well as a big gun 5-channel beast that enables you to drive all your speakers and a subwoofer. Toroidal transformers help keep the amplifier's sleek aluminum extruded design under 2" tall while ensuring plenty of clean, efficient power. Low THD's, high signal-to-noise ratios, plus wide bandwidth frequencies, make the new PA D Amplifiers your high performance choice for clean, distortion-free sound.

PA D2000.2 (2-Channel)

250 W x 2 RMS @ 2 Ohms; 125 W x 2 RMS @ 4 Ohms;
500 W x 1 RMS Bridged @ 4 Ohms.

- **Super-Efficient Class D Bridgeable Design**—Runs cooler than conventional amps.
- **High-Speed MOSFET Switching** power supply.
- **Toroidal Transformers**—Help keep the amplifier's sleek design under 2" tall while ensuring plenty of clean, efficient power.
- **Protection**—Thermal, DC offset, reverse DC voltage and short circuit protection.
- **FULL, HPF, BPF Switch**—Selects full range, high pass filter, or band-pass filter for dialing in your crossover for the ideal speaker blending.
- **Adjustable Low & High Pass Frequency Range**—Enables you to fine tune the blending of your speakers in their frequency range overlap.
- **Level Control**—Adjusts the gain of the left and right channels to match the output voltage from your head unit.
- **Line Level Inputs**—Accepts line level input from a head unit, preamplifier or, equalizer.
- **Line Level Outputs**—Provides a full range signal for easy connection to additional amplifiers.
- **Nickel-Plated Wire Terminals & RCA Connectors**—Ensure maximum signal transfer.
- **Stainless Steel Hardware**—Used throughout won't corrode in humid environments.



Amplifier	PA D2000.2
Type	Bridgeable Class D MOSFET
Channels	2 channel
RMS Continuous Power @ 4 Ohms	125 W x 2
RMS Continuous Power @ 2 Ohms	250 W x 2
RMS Continuous Power Bridged @ 4 Ohms	500 W x 1
Distortion at Rated Power	< 0.1%
Minimum Impedance Bridged	4 Ohms
Minimum Impedance Not Bridged	2 Ohms
Signal-to-noise Ratio	105 dB
Frequency Response	20 Hz - 20 kHz
Damping Factor	>100
Crossover Filter Slope (dB/octave)	12 dB/octave
Filter Switch	3-position (HPF, Full & BPF)
High Pass Filter Frequency Range	20 Hz - 4 kHz
Low Pass Filter Frequency Range	50 Hz - 5 kHz
High Level Inputs (Y/N)	No
Line Level Inputs (Y/N)	Yes
Line Level Outputs (Y/N)	Yes
LED Power Indicator	Yes
LED Protection Indicator	Yes
Input Sensitivity	200 mV - 6 V
Supply Voltage	10 V - 16 V
Fusing & Power/Type	(2) 25 Amp ATC
Power Connections	4 AWG
Ground Connections	4 AWG
Speaker Connections	12 AWG
Height	1 13/16" (46 mm)
Depth	6 3/4" (171.5 mm)
Width	8 1/4" (209.6 mm)
Width w/ Terminal Adaptor	9" (228.6 mm)
Weight	3 3/4 lbs (1.7 kg)

Specifications, dimensions and features subject to change without notice.



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PA D4000.4 (4-Channel)

200 W x 4 RMS @ 2 Ohms; 125 W x 4 RMS @ 4 Ohms;
400 W x 2 Bridged @ 4 Ohms

- **Super-Efficient Class D Design**—Runs much cooler than conventional amps.
- **High-Speed MOSFET**—Switching power supply.
- **Toroidal Transformers**—Help keep the amplifier's sleek design under 2" tall while ensuring plenty of clean, efficient power.
- **Protection**—Thermal, DC offset, reverse DC voltage and short circuit protection.
- **Nickel-Plated Wire Terminals & RCA Connectors**—Ensure maximum signal transfer.
- **Front & Rear Level Controls**—Adjust the gain of the front and rear channels to match the output voltage from your head unit.
- **Low-Pass & High-Pass Frequency Controls**—Enables you to adjust crossover overlap for better blending of speakers.
- **Front & Rear BPF, FULL, HPF Switches**—Selects full range, high pass filter, or band-pass filter to dial in your speaker blending.
- **Channel Mode Switch (ST/4Ch)**—In the Stereo position, the amplifier will send the same signal to front and rear channels.
- **Stainless Steel Hardware**—Used throughout won't corrode in humid environments.

Amplifier	PA D4000.4
Type	Bridgeable Class D MOSFET
Channels	4 channel
RMS Continuous Power @ 4 Ohms	125 W x 4
RMS Continuous Power @ 2 Ohms	200 W x 4
Power Bridged @ 4 Ohms	400 W x 2
Distortion at Rated Power	<0.1%
Minimum Impedance Bridged	4 Ohms
Minimum Impedance Not Bridged	2 Ohms
Signal-to-noise Ratio	105 dB
Frequency Response	20 Hz-20 kHz
Damping Factor	>100
Crossover Filter Slope (dB/octave)	12 dB/octave
Filter Switch (Front)	3-position (HPF, Full, BPF)
High Pass Filter Frequency Range (Front)	20 Hz - 4 kHz
Low Pass Filter Frequency Range (Front)	50 Hz - 5 kHz
Front Gain Control	200 mV - 6 V
Filter Switch (Rear)	3-position (HPF, Full, BPF)
High Pass Filter Frequency Range (Rear)	20 Hz - 4 kHz
Low Pass Filter Frequency Range (Rear)	50 Hz - 5 kHz
Rear Gain Control	200 mV - 6 V
Line Level Inputs (Y/N)	Yes
Line Level Outputs (Y/N)	No
LED Power Indicator	Yes
LED Protection Indicator	Yes
Supply Voltage	10 V - 16 V
Fusing & Power/Type	(1) 40A (1) 35A ATC
Power Connections	4 AWG
Ground Connections	4 AWG
Speaker Connections	12 AWG
Height	1 13/16" (46 mm)
Depth	6 3/4" (171.5 mm)
Width	10 15/16" (277.8 mm)
Width w/ Terminal Adaptor	11 11/16" (296.9 mm)
Weight	5 lbs (2.7 kg)

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PA D5000.5 (5-Channel)

100 W X 4, 400 W X 1, RMS @ 2 Ohms;
70 W X 4, 200 W X 1, RMS @ 4 Ohms,
200 W X 2, RMS bridged @ 4 Ohms;
500 W X 1, RMS @ 1 Ohm (sub)

- **Super-Efficient Class D Design**—Runs much cooler than conventional amps.
- **High-Speed MOSFET Switching**—Power supply with outputs stable into 2 Ohm loads for full range channel speakers and 1 Ohm loads for subwoofer channel.
- **Protection**—Thermal, DC offset, reverse DC voltage and short circuit protection.
- **Sub 1/Sub 2 Inputs**—Line level inputs for subwoofer signal from head unit
- **SUB/INT Source Switch**—In the INT position, the amplifier will filter the bass frequencies from the full range signal and send them to the subwoofer amplifier channel.
- **SUB Sonic Filter**—Attenuates the frequencies below the settings on the control.
- **Remote Bass Level Control**—Set gain to match output from head unit.
- **Rear Full, HPF Switch**—Selects between no filtering or a high pass filter to dial in your speakers' blending.
- **Channel Mode Switch (4CH/ST)**—In the ST position, the amplifier sends the same signal to the front and rear channels.
- **Nickel-Plated Wire Terminals & RCA connectors**—Ensure maximum signal transfer.
- **Stainless Steel Hardware**—Used throughout won't corrode in humid environments.

Amplifier	PA D5000.5
Type	Bridgeable Class D MOSFET
Channels	5 channel
RMS Continuous Power @ 4 Ohms	70 W x 4; 200 W x 1
RMS Continuous Power @ 2 Ohms	100 W x 4; 400 W x 1
RMS Continuous Power Bridged @ 4 Ohms	200 W x 2
RMS Continuous Power 1 Ohm (Sub)	500 W x 1
Distortion at Rated Power	<0.1%
Remote Gain Control Included	Yes (sub only)
Minimum Impedance Bridged	4 Ohms
Minimum Impedance Not Bridged	2 Ohms
Minimum Impedance Subwoofer Channel	1 Ohm
Signal-to-noise Ratio	105 dB
Frequency Response	20 Hz-20 kHz
Crossover Filter Slope (dB/octave)	12 dB/octave
Front Gain Control	200 mV - 6 V
Filter Switch (Front)	3-position (BPF, Full, HPF)
High Pass Filter Frequency Range (Front)	40 Hz - 400 Hz
Low Pass Filter Frequency Range (Front)	80 Hz - 4 kHz
Filter Switch (Rear)	2-position (Full, HPF)
High Pass Filter Frequency Range (Rear)	40 Hz - 4000 Hz
Rear Gain Control	200 mV - 6 V
Line Level Inputs (Y/N)	Yes
Line Level Outputs (Y/N)	No
LED Power Indicator	Yes
LED Protection Indicator	Yes
Supply Voltage	10 V - 16 V
Fusing & Power/Type	(2) 40 Amp ATC
Power Connections	4 AWG
Ground Connections	4 AWG
Speaker Connections	12 AWG
Height	1 13/16" (46 mm)
Depth	6 3/4" (171.5 mm)
Width	13 5/16" (338.1 mm)
Width w/ Terminal Adaptor	14 1/16" (357.9 mm)
Weight	6 3/4 lbs (3.06 kg)

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PA D1000.1 (Monoblock)

1200 W x 1 RMS @ 1 Ohm; 800 W x 1 RMS @ 2 Ohms;
500 W x 1 RMS @ 4 Ohms

- **Super-Efficient Class D Design**—Runs much cooler than conventional amps.
- **High-Speed MOSFET Switching**—Power supply with outputs stable into 1 Ohm loads.
- **Protection**—Thermal, DC offset, reverse polarity and short circuit protection.
- **Variable Low-Pass Filter:** 40 Hz - 220 Hz.
- **Variable Subsonic Filter:** 20 Hz - 38 Hz.
- **Bass Boost** at 0 dB - 12 dB.
- **Bass Boost** at 44 Hz.
- **Remote Subwoofer Level Control.**
- **Nickel-Plated Wire Terminals & RCA connectors**—Ensure maximum signal transfer.
- **Level Control**—Adjusts the gain of the channel to match the output voltage from your head unit.
- **Line Level Outputs**—Provides a full range signal for easy connection to additional amplifiers.
- **Stainless Steel Hardware**—Used throughout won't corrode in humid environments.

Amplifier	PA D1000.1
Type	Class D MOSFET
Channels	monoblock
RMS Continuous Power @ 4 Ohms	500 W x 1
RMS Continuous Power @ 2 Ohms	800 W x 1
RMS Continuous Power @ 1 Ohm	1200 W
Distortion at Rated Power	<0.1%
Remote Gain Control Included	Yes
Minimum Impedance Not Bridged	1 Ohm
Signal-to-noise Ratio	105 dB
Frequency Response	20 Hz - 200 Hz
Damping Factor	>150
Crossover Filter Slope (dB/octave)	12 dB/octave
Sub Sonic Filter Frequency Range	20 Hz - 38 Hz
Low Pass Filter Frequency Range	40 Hz - 220 Hz
Bass Boost Frequency	44 Hz
Bass Boost (dB)	Variable (0 dB - 12 dB)
Line Level Inputs (Y/N)	Yes
Line Level Outputs (Y/N)	Yes
LED Power Indicator	Yes
LED Protection Indicator	Yes
Input Sensitivity	200 mV - 6 V
Supply Voltage	10 V - 16 V
Fusing & Power/Type	(3) 40 Amp ATC
Power Connections	4 AWG
Ground Connections	4 AWG
Speaker Connections	12 AWG
Height	1 13/16" (46 mm)
Depth	6 3/4" (171.5 mm)
Width	12 15/16" (328.6 mm)
Width w/ Terminal Adaptor	13 11/16" (347.7 mm)
Weight	6 1/2 lbs (2.95 kg)

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