Procella audio®

- DA-06: 1,200 W x 2 at 4 ohms
  600 W x 2 at 8 ohms

- DA-05: 600 W x 2 at 4 ohms
  300 W x 2 at 8 ohms

- Custom programmed with 32 DSP Presets:

- Crossovers for P815 and P610 with room placement and screen compensation

- EQ and room placement compensation for P15, P15Si, P10, P10Si subwoofers

- Room placement and screen compensation for P28, P8, P6iW, P6, P6V, and P5 speakers

- Neutrik® XLR balanced inputs
- Binding post and speakOn® output connectors
- AES3 digital inputs
- Network control with touch-based GUI
- Wireless control via iPad
- Integrated DSP: integrator accessible parametric EQ, hi and lo-pass filters, crossovers
- Three year warranty
- Fully certified: CE, UL (ANSI/UL, CAN/CSA), PSE, RCM, CCC, FCC.
- Universal power supply: 100 -240V at 50 or 60 Hz
- Compact and lightweight - 1 RU high and 6.2 Kg / 13.7 lbs. (DA-05); 7.8 Kg / 17.2 lbs. (DA-06)

Comprehesive DSP optimization for Procella loud-speakers and massive output capability make the DA-05 and DA-06 DSP power amplifiers the ideal platform for uncompromised performance with any Procella Audio speaker system.

These high-efficiency two-channel class-D amplifiers combine extraordinary sound quality with enormous power reserves to produce utterly transparent sound with effortless dynamic range and robust low frequency impact. In a 1RU chassis, two versions enable system designers to match output capability to meet any system's requirements.

DA-05

The DA-05 delivers 300 Watts per channel into 8 ohm loads, suitable for the majority of applications with Procella loudspeakers. Into 4 ohms, its output doubles to 600 Watts per channel, making it an ideal amplifier for the P28 loudspeaker.

DA-06

For the largest rooms and maximum output levels, the DA-06 provides 600 Watts per channel into 8 ohm loudspeakers and a massive 1,200 watts per channel into 4 ohm loads. Its higher output maximizes the performance of the P815 and P610 loudspeakers, as well as the P15 subwoofer.
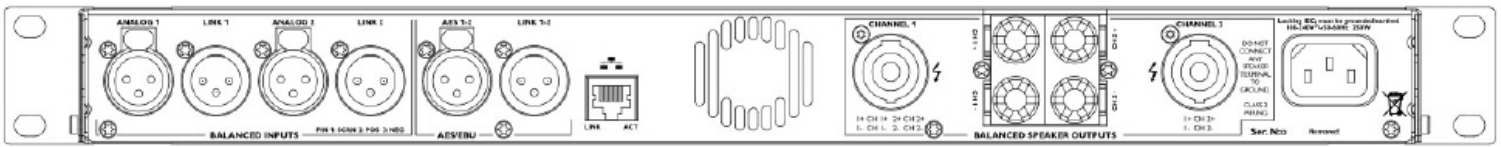
DSP Presets

Thirty-two user-selectable DSP presets are available to optimize the performance of all Procella loudspeakers and subwoofers.

For full-range speakers such as the P610 and P815, the presets provide active crossovers and EQ that fine-tunes response for common room placement locations including baffle walls.

The P15 and P10Si subwoofer presets ensure proper EQ and tune response to compensate for wall, corner, and free-standing subwoofer placements.

For the P5, P6, P6V, P6iW, P8, and P28 speakers, the presets optimize for wall or free-standing placement. For all speakers, there is also an EQ setting for high frequencies when used with perforated screens.

For the ultimate Procella experience, the DA-05 and DA-06 are the amplifiers of choice!

SPECIFICATIONS   DA-05   DA-06

General

	DA-05	DA-06
Number of channels (not bridgeable)	2	
Maximum total output power	1200 W	2400W
Output voltage	70 v peak / 50 Vrms / 36.2 dBu	100 V peak / 70 Vrms / 39.2 dBu
Output current	16 Arms	20 Arms

Max. Output Power (per ch., all ch.'s driven)

	DA-05	DA-06
2 ohms	500 W	800 W
4 ohms	600 W	1200 W
8 ohms	300 W	600 W
16 ohms	150 W	300 W

Performance

	DA-05	DA-06
THD+N 20 Hz - 20 kHz @ 1 W	<0.1%	
THD+N @ 1 kHz, 1 dB below clip	<0.05%	
Output noise	-66 dBu	
Signal To Noise Ratio	102 dB	105 dB
Channel separation @ 1 kHz	>80 dB	
Frequency response (-3 dB)	2 Hz - 42 kHz	
Input impedance	18 kOhm	
Common Mode Rejection (CMR)	>50 dB	
Output impedance	25 mOhm	
Input sensitivity for maximum output voltage	6 dBu	
Maximum analog input level	20 dBu	
Gain (all DSP controls set to 0 dB)	30.2 dB	33.2 dB

Mains power

	DA-05	DA-06
Nominal mains voltage	100 - 240 VAC	
Operating mains voltage	60 - 265 VAC	
Standby consumption	<6.5 W	<7.5 W
Mains connector	Locking IEC inlet	

Physical

	DA-05	DA-06
Dimensions W x H	W: 483 mm (19"), H: 44 mm (1 U)	
Depth (Rack rail - rear panel)	272 mm (10.7")	359 mm (14.1")
Depth (over all incl. handles & rear support)	344 mm (13.5")	431 mm (17.0")
Weight	4.6 kg (10.1 lbs)	6.2 kg (13.7 lbs)
Shipping Carton H x W x D	110 x 540 x 420 mm 4.3" x 21.25" x 16.5"	110 x 540 x 500 mm 4.3" x 21.25" x 19.69"
Shipping Weight	6.2 Kg (13.7 lbs.)	7.8 Kg (17.2 lbs.)
Finish	Black, anodized aluminum front panel. Black/gray steel chassis.	

Connectors

	DA-05	DA-06
Analog input connectors per channel	3-pin XLR female	
Analog input link connectors per channel	3-pin XLR male	
AES input connector	3-pin XLR female	
AES input link connector	3-pin XLR male	
Output connectors per channel	Neutrik speakON / Binding posts, electronically balanced	
Network connector	RJ45 (Ethernet)	

Approvals

CE, UL (ANSI/UL, CAN/CSA), PSE, RCM, CCC, FCC.

All specifications are subject to change without notice.