

ProcellaDA06-DSP Power Amplifiers



NOTE: For information on the legacy Procella DA-2800 and DA-2800DSP power amplifiers, please contact Procella Audio or your distributor.

The Procella DA05-DSP and DA06-DSP power amplifiers are highly versatile very high-performance professional amplifier designed to optimize the performance of any Procella Audio speaker system. We highly recommend them for all Procella installations. Both amplifiers provide optimization for all Procella models except the P15AMP and P15A subwoofers through the use of DSP presets. See below for details.

The DA05-DSP delivers 300Wx2 into 8 ohm loads and 600Wx2 into 4 ohm loads.

The DA06-DSP delivers 600Wx2 into 8 ohm loads and 1,200Wx2 into 4 ohm loads.

Additional detailed information is provided in the DA05-DSP & DA06-DSP User Guide. Please refer to this document when installing the amplifier.

DA06-DSP Presets

CAUTION: Use these presets ONLY with the specific speakers designated in the charts below. Use of the wrong preset can cause high levels of distortion and result in speaker damage that is not covered by warranty. These instructions apply only to the DA05-DSP and DA06-DSP.

Selecting a Procella Preset

Determine the appropriate setting for your speaker(s) from the chart below.

Then select the desired Preset:

- Push the MENU button
- Push the ADJUST/SET knob
- Push the ADJUST/SET knob again
- Turn the ADJUST/SET knob to the desired Preset
- Push the ADJUST/SET knob
- Turn the ADJUST/SET knob to select YES
- Push the ADJUST/SET knob
- Unmute the channels
- Verify that the display shows the correct Preset.

Locate your Procella speaker model in the adjacent chart and choose your preferred EQ setting from the left hand column. The correct preset number for your speaker configuration will be found in the Preset column. Use the front panel controls to select the appropriate Preset on your DA05 or DA06 (see pages 63 and 64). Connect your Procella loudspeakers to the amplifier per the listing in each output channel column.

DA06-DSP Presets

Version 3.0. For the latest version, see <https://procella.audio/downloads/#1420-wpfd-presets-support-da06-dsp-amps-5b55af9433c62>

PRESET	NAME	OUT CH 1	OUT CH2	Description
1	Factory Default	Flat	Flat	
2	P5-P28 No Eq	P5/P6/P8/P28	P5/P6/P8/P28	Fullrange, no EQ
3	P5-P28 At Wall	P5/P6/P8/P28	P5/P6/P8/P28	EQ for against Wall
4	P5-P28 Baffle	P5/P6/P8/P28	P5/P6/P8/P28	EQ for in Baffle Wall
5	P5-P28 BW Perf	P5/P6/P8/P28	P5/P6/P8/P28	EQ for BW with HF lift
6				
7				
8				
9				
10	P10-P10Si Wall	P10/Si driver 1	P10/Si driver 2	P10 or two P10Si in BW or against wall
11				
12	P15 At Wall	P15 driver1	P15 driver2	
13	P15 Baffle	P15 driver1	P15 driver2	-3dB @ 25Hz, -10dB@20Hz
14	P15 Corner	P15 driver1	P15 driver2	
15				
16	P18 At Wall	P18 driver1	P18 driver2	
17	P18 Baffle	P18 driver1	P18 driver2	-3dB @ 21Hz, -10dB@17Hz
18	P18 Corner	P18 driver1	P18 driver2	
19				
20	P610 At Wall	P10Si	P6 (Hi pass)	EQ for against Wall
21	P610 Baffle	P10Si	P6 (Hi pass)	EQ for in Baffle Wall
22	P610 BW Perf	P10Si	P6 (Hi pass)	EQ for BW with HF lift
23	P610 BW FR	P10Si	P6 (Hi pass)	EQ for BW with FullRange P10Si
24				
25	P815 At Wall	P15Si/LF815	P8 (Hi pass)	EQ for against Wall
26	P815 Baffle	P15Si/LF815	P8 (Hi pass)	EQ for in Baffle Wall
27	P815 Perf scr	P15Si/LF815	P8 (Hi pass)	EQ for BW with HF lift
28				
29				
30	V6SUB Wall	V6 input 1	V6 input 2	
31	V6SUB Wall+ FR	V6 input 3	flat	Output 2 Full Range
32				
33	P860 V6 At Wall	V6 input 1	V6 input 2	V6 only at Wall
34	P860 V6 In BW	V6 input 1	V6 input 2	V6 only in BW
35				
36	P860 At Wall	V6 input 3	P28 (Hi-pass)	V6 + P28 at Wall
37	P860 Baffle	V6 input 3	P28 (Hi-pass)	V6 + P28 in BW
38	P860 BW Perf	V6 input 3	P28 (Hi-pass)	V6 + P28 in BW with HF lift
39				
40	P15+P5-28 NoEq	P15	P5/P6/P8/P28	Inp1 for P15 - Inp2 Full Range, No EQ
41	P15+P5-28 Wall	P15	P5/P6/P8/P28	EQ for against Wall
42	P15+P5-28 BW	P15	P5/P6/P8/P28	EQ for in Baffle Wall
43	P15+P5-28 Perf	P15	P5/P6/P8/P28	EQ for BW with HF lift
44				
45	P18+P5-28 NoEq	P18	P5/P6/P8/P28	Inp1 for P18 - Inp2 Full Range, No EQ
46	P18+P5-28 Wall	P18	P5/P6/P8/P28	EQ for against Wall
47	P18+P5-28 BW	P18	P5/P6/P8/P28	EQ for in Baffle wall
48	P18+P5-28 Perf	P18	P5/P6/P8/P28	EQ for BW with HF lift
49	P18 flat	P18	P18	Flat dual for Trinnov
50				
51	V18 tech eq	V18	V18	Eq for V18 testing purposes

Technical Specifications and Dimensions

52	P18 LP@80Hz	P18	P18	Lopass@80Hz
53	V21 tech eq	V21 1	V21 2	tech eq.
54				
55				
56				
57				
58				
59				
60				
61	V6 At Wall-2flat	V6 input 1	flat	Output 2 Full Range
62	V6 Baffle-2flat	V6 input 1	flat	Output 2 Full Range
63				
64				
65				
66				
67				
68				
69				
70				
71	C212 AT screen	C212 Lo	C212 Hi	Crossover and tech eq. V1
72	C212 perf screen	C212 Lo	C212 Hi	Crossover and tech eq. V1