

POWER AMPLIFIERS

SONODYNE®

SLA SERIES

The SLA are 2RU power amplifiers and include 9 models, both dual and 4 channel. The SLA Series provides a broad choice of power output so you can select a model that will ideally match the power requirements for your application. For even further flexibility all models can operate in 3 modes: dual channel mode; parallel (mono) mode; and bridge mode.

The SLA Series power amplifiers employ a large number of matched complementary devices in parallel having linear transfer characteristic for low distortion and high SOA guaranteeing safe operation at elevated power levels.

- Soft start
- High SNR
- Low THD, IMD
- Heavy-duty power supply for high dynamic power
- Short-circuit, thermal, output DC, RF protection
- Variable-speed twin fan back-to-front cooling
- Twist lock and binding post output connectors
- LED indicators for status, clip and protection



	SLA 3003	SLA 3004	SLA 3006	SLA 3008	SLA 3010	SLA 3013	SLA 2015	SLA 3104	SLA 3106
CHANNELS	2	2	2	2	2	2	2	4	4
OUTPUT POWER PER CH									
8Ω	300W	400W	600W	800W	1000W	1350W	1500W	400W	600W
4Ω	450W	600W	900W	1200W	1400W	2150W	2250W	600W	900W
8Ω BRIDGE	1000W	1200W	1800W	2400W	2800W	2700W	4500W	1200W	1800W
THD @ RATED POWER	< 1%	< 1%	< 1%	< 1%	< 1%	< 1%	< 0.1%	< 1%	< 1%
DAMPING FACTOR	> 300	> 300	> 300	> 300	> 300	> 300	> 300	> 300	> 300
S/N RATIO (20Hz-20kHz)	100dB	101dB	103dB	104dB	105dB	105dB	107dB	105dB	105dB
OUTPUT CIRCUITRY	AB	AB	H	H	H	TD	H	H	H
FREQ. RESPONSE (±0.5dB)	20Hz ~ 20kHz	20Hz ~ 20kHz	20Hz ~ 20kHz	20Hz ~ 20kHz	20Hz ~ 20kHz	20Hz ~ 20kHz	20Hz ~ 20kHz	20Hz ~ 20kHz	20Hz ~ 20kHz
INPUT CONNECTORS/CH	XLR with link	XLR with link	XLR with link	XLR with link	XLR with link	XLR with link	XLR with link	XLR with link	XLR with link
OUTPUT CONNECTORS/CH	Twist-lock connector and binding post	Twist-lock connector and binding post	Twist-lock connector and binding post	Twist-lock connector and binding post	Twist-lock connector and binding post	Twist-lock connector and binding post	Twist-lock speaker socket, binding post	Twist-lock connector and binding post	Twist-lock connector and binding post
AMPLIFIER AND LOAD PROTECTION	Short circuit, output DC, thermal, RF protection	Short circuit, output DC, thermal, RF protection	Short circuit, output DC, thermal, RF protection	Short circuit, output DC, thermal, RF protection	Short circuit, output DC, thermal, RF protection	Short circuit, output DC, thermal, RF protection	Short circuit, output DC, thermal, RF protection	Short circuit, output DC, thermal, RF protection	Short circuit, output DC, thermal, RF protection
FRONT PANEL CONTROLS	Clip, Protect and Signal LED indicators, 42 detent rotary vol control	Clip, Protect and Signal LED indicators, 42 detent rotary vol control	Clip, Protect and Signal LED indicators, 42 detent rotary vol control	Clip, Protect and Signal LED indicators, 42 detent rotary vol control	Clip, Protect and Signal LED indicators, 42 detent rotary vol control	Clip, Protect and Signal LED indicators, 42 detent rotary vol control	Clip/Protect indicator, 6 steps vol level indicator, 21 detent vol level control	Clip, Protect and Signal LED indicators, 42 detent rotary vol control	Clip, Protect and Signal LED indicators, 42 detent rotary vol control
REAR PANEL CONTROLS	3 position Slide switch for Mode - Dual, Mono, Bridge. 3 position Slide switch for Sensitivity 0.775V, 1V, 1.4V	3 position Slide switch for Mode - Dual, Mono, Bridge. 3 position Slide switch for Sensitivity 0.775V, 1V, 1.4V	3 position Slide switch for Mode - Dual, Mono, Bridge. 3 position Slide switch for Sensitivity 0.775V, 1V, 1.4V	3 position Slide switch for Mode - Dual, Mono, Bridge. 3 position Slide switch for Sensitivity 0.775V, 1V, 1.4V	3 position Slide switch for Mode - Dual, Mono, Bridge. 3 position Slide switch for Sensitivity 0.775V, 1V, 1.4V	3 position Slide switch for Mode - Dual, Mono, Bridge. 3 position Slide switch for Sensitivity 0.775V, 1V, 1.4V	DIP switch for stereo, parallel, bridge. DIP switch for 2 sensitivity settings	3 position Slide switch for Mode - Dual, Mono, Bridge. 3 position Slide switch for Sensitivity 0.775V, 1V, 1.4V	3 position Slide switch for Mode - Dual, Mono, Bridge. 3 position Slide switch for Sensitivity 0.775V, 1V, 1.4V
DIMENSIONS (HxWxD)	88 x 483 x 462mm	88 x 483 x 462mm	88 x 483 x 462mm	88 x 483 x 462mm	88 x 483 x 462mm	88 x 483 x 396mm	88 x 483 x 457mm	88 x 483 x 446mm	88 x 483 x 446mm
WEIGHT	17kg	17.5kg	18.5kg	19kg	20.5kg	21kg	28kg	18.6kg	19.2kg