ORION™

HIGH PERFORMANCE CAR AUDIO
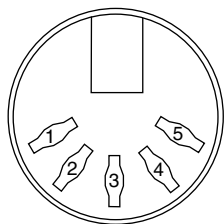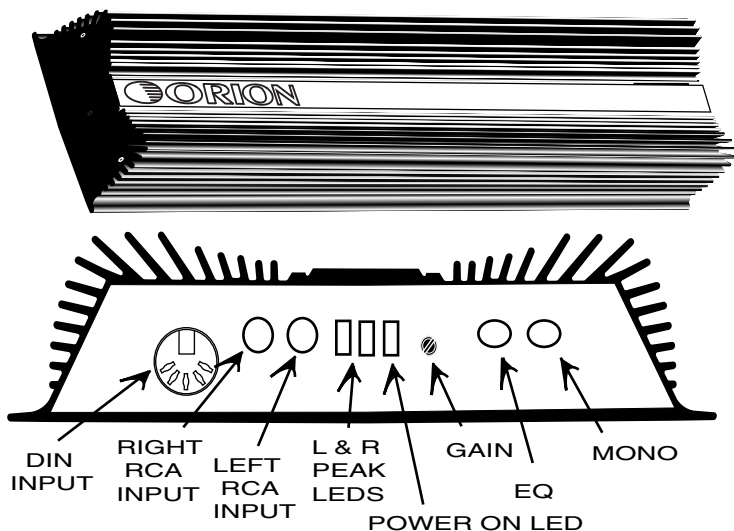
Owners Manual: (revised)

Second Generation Amplifiers, Digital Reference including: 222sx, 230sx, 250sx, 275sx, 2125sx, 2150sx, 2250sx, 225hcca, 250hcca, 2100hcca, GS100, GS300, and GS500.

DIN INPUT
RIGHT RCA INPUT
LEFT RCA INPUT
L & R PEAK LEDS
POWER ON LED
GAIN
EQ
MONO

Din Plug Diagram.
1. -15 Volts
2. Left Input
3. Ground
4. Right Input
5. +15 Volts

Wiring Codes for SX and HCCA
Orange = Right Positive
Black/Orange = Right Negative
Yellow = Left Positive
Black/Yellow = Left Negative
Blue = Remote Turn On

Bridging of a SX or HCCA Amplifier:
1. Use the Orange wire for Positive.
2. Use the Black/Yellow wire for Negative.
3. Push "in" the MONO button.

The EQ Button:
The Equilazation on the SX and HCCA amps offers boost/cut at 3 center frequencies. 15dB of boost at 40hz, 4dB cut at 200hz, and 6dB of boost at 10Khz.

The DIN input:
The din input can be used to power Orion crossovers and equalizers with the same style DIN plug.

Amp Model	4ohm Power	Lowest Recommend Impedance in Stereo	Fuse Size	S/N	THD	Frequency Response	Dimensions L x W x H
222sx	22 x 2	2ohm	15 amp	110dB	0.03%	6hz to 30Khz +/- 0.5dB	8.5" x 8.5" x 2.25"
230sx	30 x 2	2ohm	25 amp	110dB	0.03%	6hz to 30Khz +/- 0.5dB	8.5" x 8.5" x 2.25"
250sx	50 x 2	2ohm	30 amp	110dB	0.03%	6hz to 30Khz +/- 0.5dB	10" x 8.5" x 2.25"
275sx	75 x 2	2ohm	35 amp	110dB	0.03%	6hz to 30Khz +/- 0.5dB	11" x 8.5" x 2.25"
2125sx	125 x 2	2ohm	40 amp	110dB	0.03%	6hz to 30Khz +/- 0.5dB	17" x 8.5" x 2.25"
2150sx	150 x 2	2ohm	45 amp	110dB	0.03%	6hz to 30Khz +/- 0.5dB	17" x 8.5" x 2.25"
2250sx	250 x 2	2ohm	100 amp	110dB	0.03%	6hz to 30Khz +/- 0.5dB	23" x 8" x 3.125"
225HCCA	25 x 2	0.5ohm	35 amp	110dB	0.03%	6hz to 30Khz +/- 0.5dB	11" x 8.5" x 2.25"
250HCCA	50 x 2	0.5ohm	45 amp	110dB	0.03%	6hz to 30Khz +/- 0.5dB	17" x 8.5" x 2.25"
2100HCCA	100 x 2	1ohm	120 amp	110dB	0.03%	6hz to 30Khz +/- 0.5dB	23" x 8" x 3.125"
GS 100	50 x 2	2ohm	30 amp	110dB	0.03%	6hz to 30Khz +/- 0.5dB	11" x 8.5" x 2.25"
GS 300	150 x 2	2ohm	50 amp	110dB	0.03%	6hz to 30Khz +/- 0.5dB	17" x 8.5" x 2.25"
GS 500	250 x 2	2ohm	100 amp	110dB	0.03%	6hz to 30Khz +/- 0.5dB	23" x 8" x 3.125"

For questions on this or any other Orion Products, call Technical Support at 1-480-705-5600.