

PRODUCT

S•CURVE 215

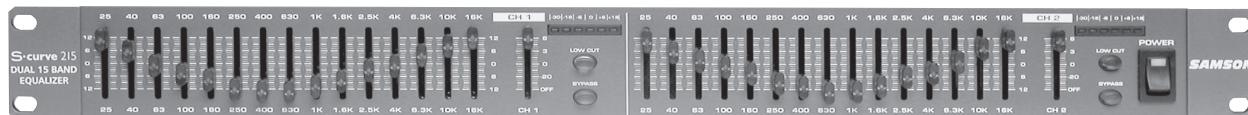
DESCRIPTION

2 X 15 BAND EQ

SERIES

S•CLASS

CATEGORY

SIGNAL PROCESSING**GENERAL DESCRIPTION**

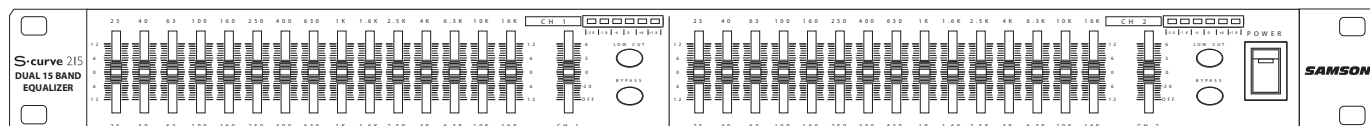
The S•Curve 215 is a professional quality equalizer that gives you precise tonal control over two channels of audio. Center detented sliders with LED illumination allow you to selectively cut or boost selected frequency areas by as much as 12 dB. Front panel controls include output level sliders, lowcut and bypass switches, while the rear panel provides electronically balanced inputs and outputs. Thanks to low noise circuitry, the S•Curve 215 can be used in a wide variety of applications, including live performance, in broadcast environments, or for recording.

FEATURES

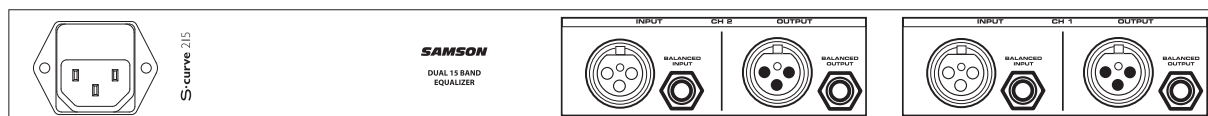
- > The S•Curve 215 has 2 channels of 15 bands of equalization, with each frequency band representing 2/3 of an octave in the 25 Hz to 16 kHz range.
- > Constant Q circuitry ensures that the bandwidth of the selected frequency area stays the same even when approaching maximum boost or attenuation. As a result, phase shifting and intermodulation distortion is greatly reduced, making for pristine sound.
- > The S•Curve 215 has 12 dB of gain and attenuation for each of the frequency bands.
- > Ultra-low noise circuitry ensures superb audio fidelity.

- > Switchable 80 Hz Low Cut Filter for removing rumble and floor noise.
- > Electronically balanced XLR and TRS inputs and outputs.
- > S•Curve 215 has dual channel operation for processing either a stereo signal or two independent monophonic signals.
- > Front panel hard-wired, relay controlled Bypass switches (with dedicated Bypass LEDs) allow the equalization circuitry and output level control to be activated or deactivated.
- > Level controls enable output signals to be attenuated or boosted for optimum signal-to-noise ratio.
- > LED faders and LED bar VU meters.
- > Relay power-on circuitry prevents speaker “thumps” when the unit is turned on.
- > Internal power supply ensures reliability and trouble-free operation.
- > Standard 19” rack design (the S•Curve 215 requires only a single rack space) for easy integration into any traveling or fixed installation audio system.
- > All-steel chassis makes the S•Curve 215 eminently road-worthy.
- > Three year extended warranty.

FRONT PANEL



BACK PANEL



PRODUCT SPECIFICATION SHEET

SERIES
S•CURVE

DESCRIPTION
2 X 15 BAND EQ

CATEGORY
SIGNAL PROCESSING

S•CURVE 215

ARCHITECT'S & ENGINEER'S SPECIFICATIONS

The Samson S•Curve 215 shall be a two channel, 2/3 octave (15 band) equalizer. It shall have both XLR and 1/4 inch inputs and outputs. The front panel controls shall include 15, 20mm faders per channel for equalizing the audio signal. Controls shall also include a master volume fader which can be used as a main fader. Other controls available are bypass, and a high pass filter with 18dB of cut per octave at 80Hz. A standard IEC power cable shall be supplied for AC power.

S•CURVE 215 SPECIFICATIONS

Center frequencies (Hz) 25, 40, 63, 100, 160, 250, 400, 630, 1 k, 1.6 k, 2.5 k, 4 k, 6.3 k, 10 k, 16 k

Variable Range ± 12 dB

Signal Input

Connectors..... XLR and 1/4" TRS jack
Impedance..... 20k Ohm balanced, 10k Ohm unbalanced

Signal Output

Connectors..... XLR and 1/4" jack
Impedance..... 60 Ohms balanced, 30 Ohms unbalanced

Frequency response (unity) <10 Hz to 90 kHz ± 3 dB

THD+N, unity gain Less than 0.01% (20Hz to 20kHz)

Main level Max. gain +6 dB

Low cut filter 80 Hz

Noise

(with 22 kHz LPF, all faders flat)..... -85 dB

Power Supply

Mains Voltages/selectable
USA/Canada..... ~120 V AC, 60 Hz
U.K./Australia..... ~240 V AC, 50 Hz
Europe..... ~230 V AC, 50 Hz

Dimensions (W x D x H) 19" x 10" x 1.75"
482 mm x 254mm x 44mm

Weight..... 5.1 lb.(2.31 kg)

