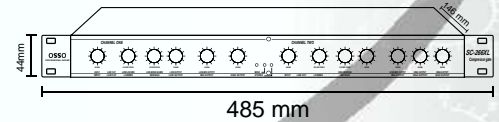


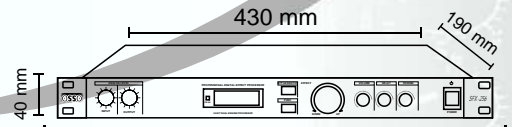
OSSO

Professional Audio Processor

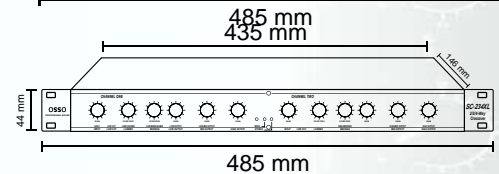
SC - 234XL (3 Way Stereo / 4 Way Mono Crossover)



SFX-256XL (MULTI EFFECT PROCESSOR)



SCL - 266XL Compressor/Gate



SC 234XL Product Features :

INPUT

Connectors	: 1/4" TRS (223) or XLR (234)
Type	: Electronically balanced/unbalanced, RF filtered
Impedance	: Balanced >50k ohm, unbalanced >25k ohm
Max Input Level	: >+22dBu balanced or unbalanced
CMRR	: >40dB, typically >55dB at 1kHz

OUTPUT (234)

Connectors	: XLR
Type	: Impedance-balanced/unbalanced, RF filtered
Impedance	: Balanced 60 ohm, unbalanced 30 ohm
Max Output Level	: >+22 dBu balanced/unbalanced into 600Ω or greater

SYSTEM PERFORMANCE

Bandwidth	: 20Hz to 20KHz, +0/-0.5dB
Frequency Response	: <3 Hz to >90 kHz, +0/-3dB
Signal-to-Noise	: Ref: +4 dBu, 22 kHz measurement bandwidth
Stereo Mode	: >94dB (Low Output) >93dB (Mid Output) >90dB (High Output)

Mono Mode

	: >94dB (Low Output) >94dB (Mid Output) >92dB (High Output)
Dynamic Range	: >106 dB, unweighted, any output
THD + Noise	: <0.004% at +4 dBu, 1 kHz <0.04% at +20 dBu, 1 kHz
Interchannel Crosstalk	: <-80 dB, 20Hz to 20 KHz

CROSSOVER FREQUENCY

Stereo Mode Low/High	: 45 to 960 Hz or 450 Hz to 9.6 kHz (x10 setting)
Mono Mode Low/High	: 45 to 960 or 450 Hz to 9.6 kHz (x10 setting)
Mid/High	: 45 to 960 Hz or 450 Hz to 9.6 kHz (x10 setting)
Filter Type	: Linkwitz-Riley, 24 dB / octave, state-variable

FUNCTION SWITCH

Front Panel (Lo Cut)	: Activates 40Hz Butterworth, 12dB/octave high-pass filter, one switch per channel
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Phase Invert	: Inverts the phase at the output, one switch per output
Rear Panel x1/x10	: Multiplies the low-high (mono: low/mid and high/mid) crossover frequency range of the front-panel markings by a factor of 1 or 10, one switch per channels.

Mode	: Selects stereo/mono and 2/3/4-way operation
Sum	: Selects normal (stereo) or mono-summed low frequency operation.

INDICATORS

Stereo Operation	: Green LED
Mono Operation	: Yellow LED
Low Cut	: Red LED per Channel
x10	: Green LED per Channel
Phase Invert	: Red LED per output (3 per Channel)

SFX-256XL Product Features :

Frequency Response	: 20-20kHz, +0dB, -3dB
Signal-to-Noise Ratio	: 94dB 20-20kHz
THD	: Less than 0.008%
Sampling Rate	: 44.1 kHz
A/D Converter	: 20 bit
D/A Converter	: 20 bit,

Inputs	: XLR 1/4" Jack
Outputs	: XLR 1/4" Jack
Power Consumption	: 10 watts
Dimension (HxWxD)	: 44mmX48236mmX190.5mm
Weight kg	: 2
POWER SUPPLY	
Operating voltage	: 100 VAC 50/60 Hz; 120 VAC 60 Hz 230 VAC 50 Hz
Power Consumption	: 15 W
Main Connections	: IEC 320 receptacle
PHYSICAL	
Dimension	: 1.75" H x 19" W x 6.9" D (4.4 cm x 48.3 cm x 17.5 cm)
Weight	: 4 lbs. (1.8 Kg)
Shipping Weight	: 5.8 lbs. (2.6Kg) (234XL)

SCL-266XL Product features :

FREQUENCY RESPONSE

Flat	: 20Hz-20kHz,+0, -0.5dB
Bandwidth	: 0.35Hz-90kHz, +0, -3dB
Input Impedance	: 40kV Balanced/Unbalanced
Max Level	: +22dBu

OUTPUT

Impedance	: Balanced +4dBu: Balanced:100W, Unbalanced: 50W
Max Level	: >+21dBu into 600W

SIDECHAIN INSERT

Input Impedance	: >+10KW
Input Impedance	: 2 KW
Max Level	: +22 dBu
Distortion Noise	: <0.2% any amount of compression at 1kHz

SYSTEM PERFORMANCE

Intermod Distortion	: <0.2% SMPTE
Noise	: <-93dBu unweighted
Dynamic Range	: >114dB, unweighted
Crosstalk	: <-95dB, 20Hz to 20kHz
Common Mod Rejc.	: >40dB, typically >55dB @1kHz
Stereo Coupling	: True RMS Power Summing™
Threshold Char.	: Selectable OverEasy® or hard knee; -40 to +20dB
Exp/ Gate	: Program Dependent Threshold Compressor : -40 to +20dB Expander/Gate: -60 to +10 dB

Ratio

Compressor	: 1:1 to ∞:1
Expander/Gate	: 1:1 to 4:1

ATTACK TIME

Compressor	: Scalable Program Dependent
Expander/Gate	: <100µ sec

RELEASE TIME

Compressor	: Scalable Program Dependent
Expander/Gate	: Program Dependent

POWER

Operating Voltage	: 100 VAC - 120 VAC 50/60 Hz, 230 VAC 50/60 Hz
Consumption	: 15 watts

PHYSICAL

Dimensions (HxWxD)	: 44 x 485 x 146
Weight	: Net Weight : 4.84 lbs. (2 kg); Shipping weight : 6.6 lbs (3 kg)