

C6XS-16

# 16-CHANNEL PROFESSIONAL MIXER WITH DSP

The C6-XS range of analogue consoles is designed to provide reliable and versatile tools for small to medium live applications. The quality of the preamps, the control of the dynamics and the precision of the filters allow a mix with high headroom, an excellent signal-to-noise ratio and a precise use of the filters.

With 3-band EQ (with semi-parametric averages on inputs 1-8), compression, inserts, 2 AUX sends and internal effects, you can use monitor lines or external effects for dynamic control or sound shaping.

The 4 subgroups and 2-in/2-out USB sound card give you versatile output management, even for recording your live performances on a laptop.



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## PRODUCT DETAILS

### KEY FEATURES

High-Quality Mic Preamps

8 Mic/Line Channels (1-8) with XLR, TRS ¼" Jack, 80Hz HPF, Insert, Gain, Compressor, 3-band EQ with Par. Mid

2 "Hybrid" Mic/Stereo Line Channels (9-12) with XLR, TS ¼" Jack, 80Hz HPF, Ducker, 3-band EQ

2 Stereo Line Channels (13-16) with TS ¼" Jack and RCA, Gain, 3-band EQ

48V Phantom Power on Channel 1-10

4 AUX sends (2 with Pre/Post selection), 4 Groups, Mute, PFL, 2 Stereo Returns

16 selected DSP effects with 1 adjustable parameter

USB Sound Card for recording and playback with Rec/Play Level adjustment and Sub/Master assignment

### SPECIFICATIONS

<b>Input HPF</b>	CH 1-7/8, 80Hz, 12dB/octave
<b>3-Band EQ (CH1-8)</b>	High - 10kHz (slope), Mid - 250Hz-5kHz (sweep), Low - 100Hz (slope)
<b>3-Band EQ (CH9-16)</b>	High - 10kHz (slope), Mid - 2.5kHz (slope), Low - 100Hz (slope)
<b>Peak LED</b>	After EQ, Red LED illuminates when signal reaches -3dB below clipping (+17dBu)
<b>Digital DSP</b>	16 types with Program/Parameter control knobs and footswitch (Effect on/off)
<b>Led Level Meter</b>	Pre-monitor Level with 4x12 point LED level meter (PEAK, +10, +6, +3, 0, -3, -6, -10, -15, -20, -25, -30dB); Peak LED illuminates when signal reaches 3dB below clipping
<b>Ch Input Mic (CH 1-8)</b>	XLR bal.; Gain -60dB/-16dB; Imped. 3kohm; Sens. -80dBu/-36dBu
<b>Ch Input Line (CH 1-8)</b>	TRS ¼" Jack bal.; Gain -34dB/+10dB; Imped. 10kohm; Sens. -54 dBu/-10dBu

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<b>St Ch Mic Input (CH 9-12)</b>	XLR bal.; Gain -60dB/-16dB; Imped. 3kohm; Sens. -80dBu/-36dBu
<b>St Ch Line Input (CH 9-12)</b>	TS ¼" Jack unbal.; Gain -34dB/+10dB; Imped. 10kohm; Sens. -54dBu/-10dBu
<b>St Ch Input (CH13-16)</b>	¼" Jack (unbalance), RCA pin-inset; Imped. 10kohm; Sens. -30 dBu
<b>Ch Insert In (CH 1-8)</b>	TRS ¼" Jack; Imped. 10kohm; Sens. -20 dBu
<b>Return (L-R)</b>	TRS ¼" Jack unbal; Imped. 10Kohm; Sens. -12 dBu
<b>2-Track In (L-R)</b>	RCA pin-inset; Imped. 10kohm; Sens. -26 dBu
<b>Stereo Out (L-R)</b>	XLR balanced; Imped. 0.75 kohm; Nomin. Level +4dBu
<b>Group Out (1-4);</b>	TRS ¼" Jack balanced; Imped. 1.5 kohm; Nomin. Level +4dBu
<b>Effect/Aux Sends (1-4);</b>	TRS ¼" Jack balanced; Imped. 1.5 kohm; Nomin. Level +4dBu
<b>Ch Insert Out (1-8);</b>	TRS ¼" Jack; Imped. 1 kohm; Nomin. Level 0dBu
<b>Rec Out (L-R)</b>	RCA pin-inset; Imped. 6 kohm; Nomin. Level -10dBV
<b>Monitor Out (L-R)</b>	TRS ¼" Jack balanced; Imped. 1.5 kohm; Nomin. Level +4dBu
<b>Phones Out</b>	TRS ¼" Stereo Jack; Imped. 1 kohm; Nomin. Level 3mW
<b>Power consumption</b>	35W
<b>Dimension (DxWxH)</b>	585 x 590 x 250 mm
<b>Net weight</b>	7.1kg (15.6lb)