FRENEXPORT

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

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

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St Ch Mic Input (CH 9-12)	XLR bal.; Gain -60dB/-16dB; Imped. 3kohm; Sens. -80dBu/-36dBu
St Ch Line Input (CH 9-12)	TS ¼" Jack unbal.; Gain -34dB/+10dB; Imped. 10kohm; Sens. -54dBu/-10dBu
St Ch Input (CH13-16)	¼" Jack (unbalance), RCA pin-inset; Imped. 10kohm; Sens. -30 dBu
Ch Insert In (CH 1-8)	TRS ¼" Jack; Imped. 10kohm; Sens. -20 dBu
Return (L-R)	TRS ¼" Jack unbal; Imped. 10Kohm; Sens. -12 dBu
2-Track In (L-R)	RCA pin-insert; Imped. 10kohm; Sens. -26 dBu
Stereo Out (L-R)	XLR balanced; Imped. 0.75 kohm; Nomin. Level +4dBu

Group Out (1-4); TRS ¼" Jack balanced; Imped. 1.5 kohm; Nomin. Level +4dBu

Effect/Aux Sends (1-4); TRS ¼" Jack balanced; Imped. 1.5 kohm; Nomin. Level +4dBu

Ch Insert Out (1-8); TRS ¼" Jack; Imped. 1 kohm; Nomin. Level 0dBu

Rec Out (L-R)	RCA pin-insert; Imped. 6 kohm; Nomin. Level -10dBV
Monitor Out (L-R)	TRS ¼" Jack balanced; Imped. 1.5 kohm; Nomin. Level +4dBu
Phones Out	TRS ¼" Stereo Jack; Imped. 1 kohm; Nomin. Level 3mW
Power consumption	35W
Dimension (DxWxH)	585 x 590 x 250 mm
Net weight	7.1kg (15.6lb)