



**"A smaller unit that still has all the professional features you need"**

The C3 range of mixers comprises two models both offering you a total of 12 inputs in a compact 1u 19" rack mountable package. The C3X model also includes the Studiomaster custom DSP effects processor. A smaller unit that still has all the professional features you need for quality sound.

The four balanced combination XLR and jack inputs allow you to connect your microphones or line level equipment. For added flexibility two inputs are on the front and two on the rear panel. All mic pre-amps feature our studio grade design, making them ideal even if you want to use quality condenser mics, as phantom power is available.

Studiomaster EQ designs are famous for their smooth and natural response. The three band design, used on C3, provides you with maximum control across that crucial vocal range.

Four stereo inputs offer a selection of jack and RCA/phono inputs making them perfect for most playback formats(CD, MD etc) and electronic instruments(keyboards, drum machines etc). Each input has an individual level control and the shared two band EQ gives extra dimension.

The DSP used in the C3X gives you the latest generation of crystal clear, quality delays, reverbs and effects. Studiomaster has used DSP technology for many years

and during that time developed a unique blend of delay and reverb effects which have proved to be a highly popular choice of many artists. The result, 'Vocal', takes the difficulty out of choosing the best effect, dramatically enhancing a vocalist's performance. Three 'Vocal' settings are available on the C3X, along with 'room' and 'plate' reverbs. The delay mode is fully variable giving you an echo of between 10ms and 720ms, along with a 'regen' range of 0 to 90%, so you control how long it takes to die away.

The DSP can be turned on and off using the convenient front panel switch or with a foot switch, connected to the socket on the rear panel.

All inputs have access to a pair of pre and post fader auxiliary sends. The 'pre' send is ideal for creating a monitor mix which can feed stage monitors or headphones. The 'post' send feeds the DSP effects processor on the C3X, and an external effect device for even more flexibility.

The stereo output features LED metering, so you can see exactly what's going on, master level control and balanced XLR and RCA/phono connectors.is short. Using the optional MXS1 stand positions the mixer at the ideal height for easy access to all controls.

**Features**

- 12 inputs: 4 mic and 4 stereo giving you the flexibility you need whatever your application
- Custom DSP effects processor (C3X) to give your sound that extra something

- 2 auxilliary sends to hear what you're doing and add external effects
- Balanced inputs and outputs interface with professional equipment to get the very best quality

**SPECIFICATION**

Maximum Gain  
 Mic Inputs  
 Line Inputs  
 Stereo Inputs  
 EQ  
 Mic Input  
 Stereo Input  
 Frequency Response  
 any Input 22Hz - 40kHz  
 Distortion  
 THD @ 1kHz  
 Noise  
 Residual  
 3 Mic Inputs with typical settings  
 Dynamic range  
 Metering  
 DSP  
 (C3X only)  
 Output Levels  
 L/R Output XLR  
 L/R RCA Phono  
 AUX  
 MON  
 Power Requirements Voltage Selector  
 C3  
 C3X  
 Size (W x H x D)  
 Weight  
 (net/shipping)

**C3 / C3X**

Input to Output  
 55dB  
 40dB  
 24dB  
 Lo Mid Hi Cut/Boost  
 60Hz 2.5kHz 12kHz ±15dB  
 60Hz - 12kHz ±15dB  
 ± 0.5dB  
 0.008% @ typical settings  
 -93dBu  
 -82dBu  
 >105dBu  
 Peak Reading 4 segment 2 colour LED bargraphs  
 Reverb mode - 3 Vocal, 1 ADT, 2 Reverb, 2 Plate  
 Delay mode - Variable between 10ms to 720ms  
 Regen - Variable between 0% to 90%  
 Normal Maximum Impedance  
 +4dBu +23dBu 100 ohms  
 -2dBu +17dBu 100 ohms  
 -2dBu +23dBu <10 ohms  
 +4dBu +23dBu <10 ohms  
 230V range ±10% ~50/60Hz 52mA Max  
 115V range ±10% ~50/60Hz 104mA Max  
 230V range ±10% ~50/60Hz 70mA Max  
 115V range ±10% ~50/60Hz 140mA Max  
 482mm (19") x 44mm (1.75") x 265mm (10.5")  
 including rack ears  
 C3 3.6kg(7.9lb) / 4.6kg(10.1lb)  
 C3X 3.7kg(8.1lb) / 4.7kg(10.3lb)



Comprehensive DSP controls featuring the famous Studiomaster 'Vocal' effect



Combination XLR and jack socket inputs - easy to connect all your gear



3 band EQ on mic channels for superior control of your sound



C3 Rear Panel

C3X Rear Panel