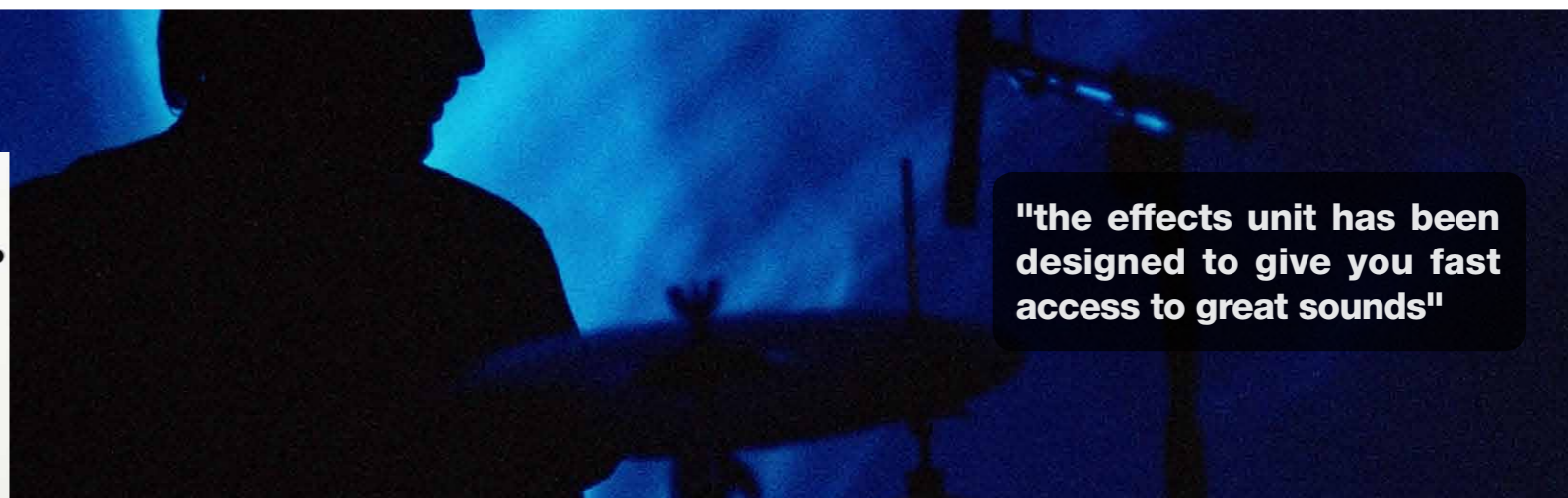


162BPX



"the effects unit has been designed to give you fast access to great sounds"

Designed as a one stop solution for professional installations, the 162BPX has proven to be perfect for applications where a high quality, compact and reliable mixer is essential.

The 162BPX is a 16 channel rack mount mixer with balanced mic/line inputs, custom DSP and all connections on the rear panel. The solid build and reassuring feel of the controls, leaves you in no doubt that you are dealing with a serious, professional workhorse. The 162BPX boasts a total of 28 inputs, regulated internal power supply and takes up just 6 spaces in a 19" rack.

The effects module in the 162BPX offers you six reverb effects and six pre-set delays. The effects are three 'Vocal' sounds, and ADT effects and two reverbs while the delays range from 120ms to 720ms. As always with Studiomaster products, these stunning effects have been designed to give you fast access to great sounds. The effects output can be routed to the main mix output and to the MON auxiliary output, so your performers can also hear the effects!

The 16 channels are made up of twelve mic/line and four combination mic/stereo line inputs. This gives you the flexibility to connect 16 mics and 4 stereo devices

simultaneously. Phantom power (+48V) is available on all mic XLR inputs so you can use condenser mics with confidence.

A stereo auxiliary input with level control allows you to connect an additional outboard effects processor. Recording and playback connections are on RCA phono with individual level controls so you can easily match signals going to and from recording equipment.

The mic/line channels feature three band EQ with sweep mid. The mid can be adjusted to get the best out of whatever you have connected. Mic/stereo channels feature a two band EQ. You'll also benefit from two auxiliary sends (one pre, one post fader), pan, PFL switch and 60mm fader.

The 162BPX is housed in a steel, 6 space rack mounting chassis with all controls, including the power switch, on the front panel and all input/output connections securely positioned on the rear panel - out of harms way! Individual circuit boards are used throughout and all controls are actually bolted to the front panel making the 162BPX a tough, reliable and easy to service mixer.

162BPX Rear Panel - All the inputs and outputs you could possibly need.



Features

- **16 channels, 28 inputs** plenty of flexibility, options and inputs to suit you and your acts
- **6 space rack mounting** compact, reliable and secure
- **Custom DSP** offering you just the kind of effects that are actually usable
- **Internally modular** solid construction ensuring long life



12 of the best high quality effects



All connectors are on the rear panel out of the way



4 combination mic/stereo channels - put simply... you can plug more in!

SPECIFICATION

	162BPX		
Input Gain	Min	Max	Max to Output
Mic (to L/R)	12dB	60dB	48dB
Line (to L/R)	-8dB	40dB	48dB
Stereo (to L/R)	0dB	12dB	12dB
EQ	Lo	Mid	Hi
Mic Channels	60Hz	250-6kHz	12kHz
Stereo Channels	45Hz	-	12kHz
Noise	-128dBu		
Mic EIN	>85dB (unweighted) with typical control settings		
Signal to noise ratio	>105dB		
Dynamic range	± 0.5dB		
Frequency Response	20Hz - 20kHz		
DSP	Reverb Mode -3 Vocal, 1ADT, 2 Reverb Delay Mode -6 settings between 100ms and 720ms		
Metering	Peak Reading 12 segment 3 colour LED bargraphs		
Maximum Input Level	At Max Gain	At Min Gain	
Mic	-38dBu	+10dBu	
Line	-21dBu	+28dBu	
Stereo Line	+10dBu	+22dBu	
Aux Input	+16dBu	+22dBu	
Output Level	Nominal	Maximum	Impedance
Mono Insert	+4dBu	+22dBu	<22 ohms
Aux Sends 1/2	-	+22dBu	100 ohms
L/R Outputs	+4dBu	+28dBu	75 ohms
L/R Insert	-2dBu	+22dBu	<22 ohms
Phones	-	+22dBu	33 ohms
Power Requirements	230V range ±10% ~50/60Hz		
Voltage Selector	115V range ±10% ~50/60Hz		
Size (W x H x D)	482mm (19") x 120mm (4.8") x 266mm (10.5") When racked, the unit occupies 6 rack spaces (6U)		
Weight (net/shipping)	7kg (15.4lb) / 8.2kg (18.1lb)		