

XL-7 and MP-7 Command Stations



E-MU's new XL-7 and MP-7 Command Stations beg to be touched, played, tweaked and pounded. Spend some "quality time" performing with them and share the love with features that will put you on top.

 **E-MU**

Real Time controllers and Quick Edit

Real-time Control Knobs let you quickly edit your Preset parameters and act as assignable MIDI controllers. While in Quick Edit, the default settings are labeled on the front panel below each knob. In Programmable Mode, you can set each knob to its own MIDI channel and controller number. All programmable settings are saved in a Multi setup which allows for many specialized configurations. There are two pre-configured knob set-ups which give you quick access to Volume and Pan control for all 16 MIDI channels.

Main Screen and Mode View

This is where you select the unit's primary functionality, Song or Pattern Mode. Pressing the Preset Button allows you view the current presets assigned to the Multi set-up. Pressing the Mix Button allows you see volume and pan levels for each MIDI channel. Using the Mix Screen with the control knobs gives you a very powerful mixing section

Removable end caps for Racking

Replace the endcaps with the optional rack ears and mount your XL/MP-7 into your rack. The chassis has also been designed to allow all of your cords to fit nicely behind the unit while racked.

Transport

This section provides you with sequencer control - Stop, Play and Record. The Record Button also allows you to choose one of three recording styles - Real-Time, Step, and Grid. You can use the Tap Tempo button to lock-in your groove.

Touch Strip and Transpose

The Touch Strip is a programmable controller with a center detent. It defaults as a pitch controller in most cases, but can be assigned to control just about anything. The Transpose Buttons allow you to quickly transpose the key pads over a 7 octave range.



PLAY The XL-7 and MP-7 Command Stations put all of the advanced features and sonic quality of E-MU's flagship Proteus® 2000 sound module at your fingertips in highly tactile, intuitive tabletop packages. Each Command Station ships with over 1000 waveforms (the XL-7 and MP-7 feature Electronica/Dance and Hip-Hop soundsets respectively), but can be expanded and customized with any of the Proteus 2000 expansion ROMs available (up to 128 MB total) or even burn your own custom ROMs using E-MU's E4 Ultra samplers. 128 voice polyphony ensures that you can play and sequence your fattest, layered sounds with confidence, while 32 MIDI channels give you access and control over a huge palette of internal sounds and all of your external gear. To match this powerful sound engine, the Command Stations give you 13 quality velocity-sensitive pads with aftertouch to play your sounds and input data. These pads have been specifically designed for the Command Stations and are extremely responsive, capturing all of the nuances of your performance. The XL-7 and MP-7 Command Stations truly represent the ultimate melding of E-MU's pristine sound quality, powerful sound engine and cutting edge controller technologies and are uniquely qualified to serve as the control center of your MIDI studio.

TWEAK The Command Stations not only provide you with over 100 BPM-based parameters per preset, but they also deliver dedicated, real-time control over these parameters with over 40 programmable knobs and buttons for an incredible number of modulation possibilities. Pick a preset and instantly have 16 knobs dedicated to synth parameters, or quickly program the knobs to control any MIDI parameters - even in your external gear! Tweak E-MU's legendary 12 pole filters for extreme

7 Segment display

This display allows you to view key elements of the XL/MP-7 while using the main screen to edit and sequence. Pressing the Edit Button next to the display allows you to change things like Tempo very quickly. You can also view Bars and Beats, current Pattern and Track.

Edit

This section allows you to edit your Songs, Patterns, Presets, Controllers and Arpeggiators, with dedicated buttons for important functions like MIDI setup, Save/Copy and Global Settings. Pressing the Audition button will play a small MIDI sequence that previews your currently selected Preset.

Command Functions

These multi-functional buttons provide you with quick jumps while editing a Preset, and act as note inputs for Grid and Step recording. They act as Track Select and Mute Buttons during Pattern or Song playback, and can also be programmed as MIDI trigger buttons. Each MIDI trigger can have its own MIDI channel (A1-16, B1-16), Note number, Latch or Unlatch status, and velocity parameters. This is very useful for firing off presets that have Arpeggiators patterns or externally locking in Sound Effects, drum loops or vocal sample from your E-MU sampler.

13 Velocity Sensitive Pads with Aftertouch

Configured as a one-octave keyboard, the XL/MP-7's 13 pads allow you to perform music into the sequencer. The Transpose Buttons allow you to quickly move up and down the range of the keyboard. Using E-MU's proprietary design, all 13 pads provide an incredible range of velocity response, and can also be used for data input, offering you many short cuts while editing sounds and patterns.



sound sculpting, change LFO rates on the fly, and modify your envelopes in real-time – without ever touching a menu. And if you do need to access a menu, dedicated jump keys instantly take you to specific menus screens – no searching through pages in the heat of your performance. Two internal effects processors round out your arsenal of sound tools, providing you with a host of quality effects, everything from tempo-based delays to reverbs, distortion and more. Each Command Station also gives you two footswitch inputs and a touchstrip for even more real-time control. Never has this much sonic power been so easy to control!

PERFORM While the XL-7 and MP-7 give you total real-time control over your sound, these Command Stations are unmatched in the performance arena. Under the hood you'll find a 16 track interactive sequencer with real-time, step and grid record modes that can be switched without ever stopping the creative flow. 16 dedicated Mute/Select buttons allow you to add, monitor and modify parts on the fly without the usual cumbersome menu scrolling. Each Command Station can store over 300,000 notes, and with E-MU's E-Loader program, you can import and export MIDI files to and from your Mac and PC with ease. In addition to its powerful sequencer, each Command Station can play up to 32 programmable, synced arpeggiators simultaneously. These arpeggiators are a powerful performance tool that can be saved with your sequence for instant recall and can be modified in real-time using the control knobs. And the lightning-fast processor in each Command Station provides dead-on MIDI timing for your most intense sequences, ARPs, and layered sounds. In a market littered with toys, only E-MU's XL-7 and MP-7 Command Stations bring this much real-time performance power to your tabletop at such an affordable price. Take command of your music today!

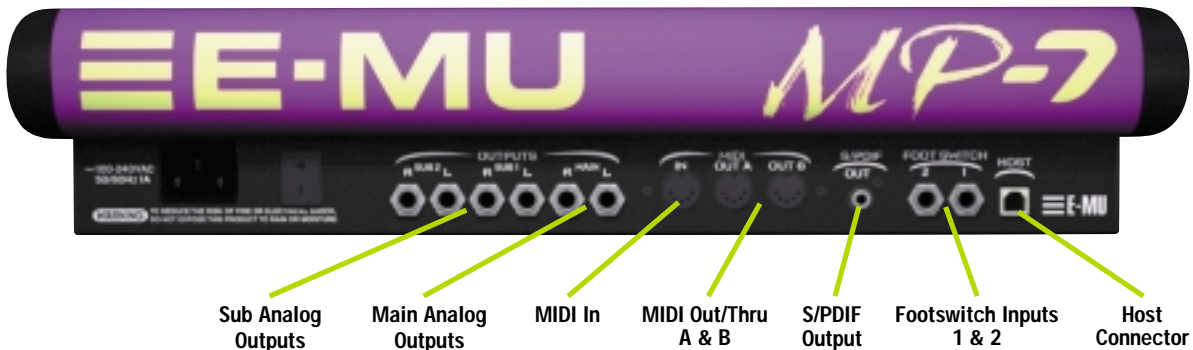
Technical Specifications

Audio Channels: 128
MIDI Channels: 32 Internal/ 32 External
Pads: 13 Velocity Sensitive, 7 Octave Range, Aftertouch
Controllers: 16 knobs – Quick edit, Mix, Programmable (MIDI channel, CC#)
Controllers: 2 Footswitches, 4 button switches, 16 triggers (Latch, MIDI Channel, Note and Velocity)
Controllers: Center Detented Touch Strip
Displays: 2x24 LED, Four Digit 7 Segment LED
Navigation: Data Knob, two Cursor buttons, two Track/Channel select buttons, 16 synth edit menu jump buttons
Lamp: 12 Volt goose-neck adapter
Presets: 512 RAM, 512 User
Layers Per Preset: 4
BPW/ MIDI synchronized parameters per Preset: >100
Sound Memory: 32 MB (expandable to 128 MB)
Internal Expansion slots: 3 additional
Expansion format: ROM (16/32MB) Flash (16/32MB)
Filters: 6/12th order (50 types)

Sequencer PPN: 384
Songs: 512
Patterns: 1024
Tracks: 16 per pattern, 16 MIDI channels per Track, plus 1 Song Track (16 MIDI channels)
Record Types: Real Time, Step, Grid
Sequencer Format: XL/MP-7, SMF import/export
Sequencer Storage Size: Internal, > 300,000 notes. External, unlimited using E-MU's E-Loader software file assistant (Mac/PC)
Arpeggiators: 32 simultaneous pattern based or traditional
Arp Patterns: 300 ROM, 100 User
Arp Editor: 32 steps – Key, Velocity, Duration, Repeat
Effects: Dual 24-bit
Audio Outputs: 6 analog (configured as 3 stereo), Stereo S/PDIF
Audio Inputs: Effects Return 1 In (Stereo), Effects Return 2 In (Stereo)
MIDI: In, MIDI Out A/Thru, MIDI Out B/Thru

Data Encoding: 16-bit linear, 24-bit DACs,
Signal to Noise: >100 dB
Frequency Response: 20-20,000Hz (+0.0/-0.1dB)
THD + Noise (DAC's): <0.002%
Power Consumption: 15 watts
Voltage Input: 90VAC – 260VAC at 50Hz – 60 Hz
Maximum Output Level: +6dBV
Output Impedance: 1000 Ohms
Dimensions: Height 5.25" (Highest point), Width 18.60" – 20.10", Depth 10.50". Fits in standard 6 space rack when you remove the end caps (requires optional rack ears)
Modes: Song, Pattern
Views: Song, Pattern, Preset, Mix
Menus: Song Edit, Pattern Edit, Preset Edit, Global, Controllers, Arpeggiator and MIDI,
Additional functions: Audition, Compare, Save/Copy Home/Enter, Tap Tempo

*All specifications subject to change



XL-7/MP-7 Expansion ROMs



X-LEAD (standard w/XL-7)

The X-Lead sounds set consists primarily of analog, noise and modern synthesizer waveforms. These sounds are rich in harmonic texture and are a perfect match with the Z-plane filters in your Proteus® family sound module. With the included software upgrade, you now have access to dynamic and rhythmic features not found on any other instrument.



WORLD EXPEDITION

An amazing collection of traditional instruments from the four corners of the globe including exotic stringed instruments, winds, percussion, and chromatic percussion. World Expedition provides you with the most realistic ethnic sounds set in the world. Discover a world of sounds to bring to your music.



DEFINITIVE B-3

John Novello and E-MU present the 32 MB Definitive B-3 expansion ROM, a diverse collection of tone wheel organ drawbar settings sampled direct and with rotary speakers (chorale and tremolo) to give you the most versatile and playable B-3 available!



ORCHESTRAL SESSIONS VOL 1

The Orchestral Sessions Vol. 1 expansion 32MB ROM offers you the most realistic and comprehensive collection of section strings available—the same sounds featured in E-MU's Virtuoso™ 2000 sound module, complete with legato, spiccato, pizzicato and tremolando samples, and includes special presets for 4 speaker applications.



SIEDLACZEK ADVANCED ORCHESTRA-SPECIAL EDITION

The Peter Siedlaczek 32 MB expansion ROM offers you some of the finest orchestral samples ever recorded from one of Europe's most respected sound designers, and brings together the finest string, brass, wind and percussion ensembles of Siedlaczek's legendary Advanced Orchestra library.



PURE PHATT (standard w/MP-7)

The 32 MB Pure Phatt is E-MU's latest Hip-Hop sounds set that produces the freshest and newest sounds and grooves from top notch producers from the East, Southeast and West coasts. Pumping leads and basses, silky pads and those unique hits, scratches and dunes that your mix needs to bring it to the next level are ready to provide the love. Pure Phatt goes where no other ROM set has grooved before.



TECHNO SYNTH

Rob Pape and E-MU introduce the 32 MB Techno Synth Construction Yard Expansion ROM, a compilation of synth, techno, and ambient sounds from one of Europe's finest programmers. From atmospheric pads to punchy sub-basses and crunch drum loops, these sounds will help you tear up the dance floor!



SOUNDS OF THE ZR

The Sounds of the ZR Expansion ROM faithfully reproduces the diverse sounds of ENSONIO's popular ZR-76 keyboard, including William Coakley's Perfect Piano. You'll find everything from synths and orchestral instruments to one of the finest pianos ever sampled in one sounds set. Put this collection of ENSONIO's finest sounds to work in your Proteus 2000 today!



ORCHESTRAL SESSIONS VOL 2

The Orchestral Sessions Vol. 2 expansion 32MB ROM offers you the most realistic and comprehensive collection of woodwinds, brass, percussion, and solo strings available—the same sounds featured in E-MU's Virtuoso™ 2000 sound module, complete with velocity switching between p/m/ff samples, special presets for 4 speaker applications and a percussion battery with over 20 instruments.



PROTOZOA

E-MU presents the 16 MB Protozoa expansion ROM—the ultimate sound compilation containing presets from the groundbreaking Proteus sound modules, all optimized for your Proteus 2000's advanced synthesis and filter architecture.

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