





Desktop Instruments



USB Interfaces



Digital Audio Systems



USB MIDI Interfaces



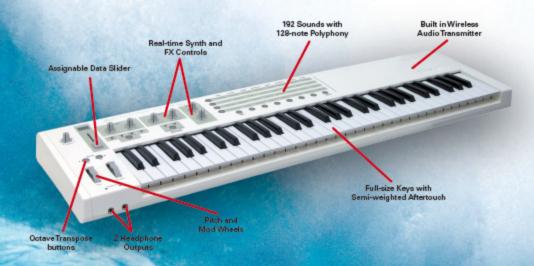
Winter 2010





Performance Instruments

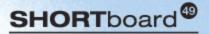
LONGboard 6

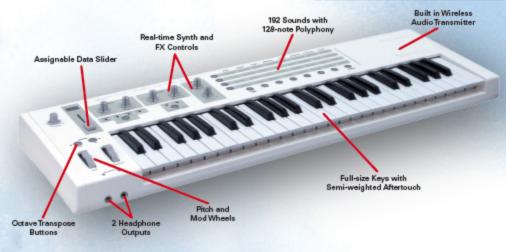


Designed for either stage or studio, the E-MU LONGboard 61 and SHORTboard 49 combine a MIDI controller keyboard with a 128-voice professional sample-based instrument with 32-bit effects and a world-class 64MB sound set.

The LONGboard and SHORTboard are based on the new E-MU 8030 platform, which can perform superhigh-quality pitch interpolation for 128 voices, as well as generating 256 envelope generators, 128 LFOs, 128 lowpass filters (12dB/octave with resonance) and 128 DCAs. The massive 64MB sound set contains a complete range of classic keyboard instruments. Several versions of each sound are included: Grand Planos, Electric Planos, B3s, Clavinets, Solina-Moog-OB-Prophet-Juno-TB synthesizer lead and basses, as well a General MIDI sound set.

SHORTboard can be USB bus powered, battery powered or DC powered and have built in PIPEline™ transmitters enabling complete cordless operation.





Features:

- ► Full-size professional keys with Aftertouch. The LONGboard and SHORTboard are expressive performance instruments with high-quality synth-action keybeds
- E-MU 8030-based sound-engine with 128-voice polyphony
- 64 MB Premium keyboard and General MIDI (GM) compatible sound banks
- 32-bit Reverb and Chorus effects
- ► Built-in PIPELine wireless transmitter
- User-definable split keyboard (for playing two sounds at once)
- Six synthesizer controller knobs (double as MIDI controllers)
- Programmable data slider MIDI controller
- Pitch and Mod Wheels
- Octave transpose buttons
- ► MIDI Input/Output jacks (Can be used as a computer MIDI interface; MIDI output doubles as MIDI Thru)
- Dual 1/4" headphone jacks
- Can be bus-powered via USB, DC powered, or battery powered

Digital Wireless System



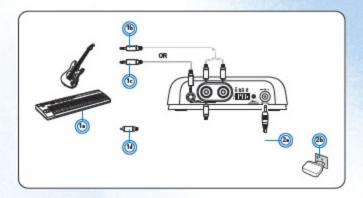
The PIPEline wireless transmitter/receiver system from E-MU Systems frees you from the tyranny of audio cables without sacrificing audio quality. The PIPEline can be used as a wireless transceiver for your guitar or keyboard, or as the basis of a wireless In-Ear monitoring system for your band. Because latency is so critical in music performance, PIPEline has a minimal delay of only 5.5ms so it won't interfere with the feel of your music. With PIPEline connected to your instrument, you'll be able to move freely in a 15 meter range from the receiver. If your other band mates want to join the wireless revolution, they can, because PIPEline has three independent stereo channels. Each instrument stays completely independent with zero crosstalk. Have you always wanted an In-Ear monitoring system, but weren't willing to shell out the big bucks? PIPEline is the solution for low-cost In-Ear monitoring. Because PIPEline has three channels, you can have three separate

- Mobile wireless transmit or receive
 - Each PIPEline can be configured as a transmitter or receiver for ultimate flexibility and works with any audio gear
- Better than CD Quality Digital Audio
 - Audiophile quality sound with 48kHz sample rate and 96dB signal-to-noise ratio of uncompressed audio
- Low Latency
 - Unlike other wireless transceivers with long latency of 20 ms, the E-MU PIPEline offers low latency so essential for live music applications (5.5 ms in dedicated pairing mode / 10ms in broadcast mode)
- ► 15 Meter (49 feet) Range
 - PIPEline has Extended Audio Range Reception (EARR) to give you even more freedom.

stereo monitor mixes, or one transmitter can send a group mix to multiple receivers.

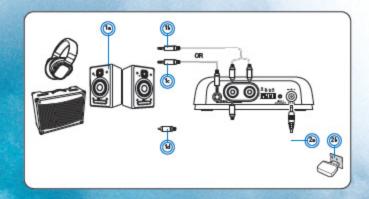
- Long Battery Life (up to 10 hrs receive)
 - The rechargeable battery lasts up to 10 hours in receive mode and 5 hours in transmit mode
- Analog/Digital inputs or outputs
 - The audio Flexi-Jacks can be configured as inputs or outputs and they can also be setup to send or receive analog or digital S/PDIF (48KHz) - whatever type of connections you need
- Broadcast mode allows one transmitter and multiple receivers
 - In this mode, one transmitter can broadcast to multiple receivers. PIPEline can be used as an "In-Ear" monitor system for your band, or broadcast to a class of students using headphones
- Power adapter/charger, cables and skin included

Connecting a unit as a Transmitter



- 1a) Electric guitar with active preamp, synthesizer, mixer or other audio input source
- 1b) 1/8-inch Stereo to RCA cable or 1/4-inch cable (Analog Connection)
- 1c) Stereo cable
- 1d) RCA 75-ohm digital cable (S/PDIF 48 kHz connection)
- 2a) Optional 5V power supply adapter
- 2b) AC power outlet

Connecting a unit as a Receiver



- 1a) Powered stereo or 2.1 speakers, headphones or line level input amplifier
- 1b) 1/8-inch Stereo to RCA cable or 1/4-inch cable (Analog Connection)
- 1c) Stereo cable
- 1d) RCA 75-ohm digital cable (S/PDIF 48 kHz connection)
- 2a) Optional 5V power supply adapter
- 2b) AC power outlet

Desktop Instruments



E-MU'S Emulator X3 Streaming Sampling Synthesizer is the most powerful and complete software instrument in the world, featuring the Xstreaming sound engine with up to 192kHz sampling and playback, an arsenal of automated sampling/beat analysis/editing tools and almost unlimited sound

manipulation that builds on E-MU's 35 plus years of synthesis experience. Emulator X3 ships with both 32-bit and native 64-bit applications, and includes over 3GB of sounds.





Emulator X3 includes:

- ► 32-bit Emulator X3 Application
- ► 64-bit Emulator X3 Application
- Over 3GB of Sounds
- Improved File Converter Application
- ► XP and Vista Compatibility

















Emulator X3 features

Streaming

- Xstream[™] 24-bit/192kHz Streaming Engine, featuring E-MU's patented pitch interpolation and precision 32-bit floating point processing for unmatched sound quality
- 32-bit and native 64-bit applications included. (Windows XP and Vista 32-bit and 64-bit supported)
- Optimized for Multi-core and Multi-Threaded processors to intelligently balance the processing load across all available resources for exceptional performance
- Standalone (64 MIDI Channels) or VSTi (16 MIDI channels per instantiation) operation

Sampling

- ASAP™ Automated Sampling and Placement
 - · Sample, Chop and Place
 - · Load, Chop and Place
 - SynthSwipe™ automated hardware and software instrument sampling
- ► Integrated Sample Editor
 - Auto-Correlation Looping
 - Crossfade Looping
 - Comprehensive DSP Tools including Transform Multiply and Xtractor™
 - External Editor Link
- Beat/Loop Tools
 - · Beat Analysis and Markup
 - TwistaLoop™ non-destructive audio manipulator
 - Xplode™ beat slicer with MIDI and Tempo Map Export

Synthesizer

- Advanced Modular Synthesis and FX Engine (from your initial sample's tempo through Emulator X3's entire synthesis and FX architecture, all time-based parameters syncable to BPM clock)
 - 12th Order Z-Plane™ Morphing Filters (over 50 types) including the Morph Filter Designer
 - Multi-Function Generators/Arpeggiators (can be programmed to modulate pitch, filters, volume, retrigger samples or LFOs, change tempo or trigger other events)
 - Virtual PatchCord Modulation Matrix (over 100 modules)
 - Integrated Modulation FX engine (23 core effects), including SP12ulator, Tremulator, Reverbs, Delays, and many more
- Comprehensive sound format support, including EOS, EIII, GigaSampler, MP3, REX2, .AIFF, SoundFont 2.1, .WAV and more



SynthSwipe





Morph Filter Designer





E-MU'S 0404 USB 2.0 Audio/MIDI Interface delivers an unparalleled level of USB audio performance with premium 24-bit/192kHz* A/D and D/A converters, pristine XTC™ mic/line/hi-Z preamps, ultra-low jitter clock and rock-solid stability. From its plug-and-play functionality and hands-on ergonomic design to professional features like independent ground lift switches and signal-to-noise specs that are simply unmatched by any other USB/Firewire interface in its class, the 0404 USB will forever change your expectations of USB audio.

- Premium 24-bit/192kHz A/D and D/A converters (A/D: 113dB SNR, D/A: 117dB SNR) deliver unmatched USB audio fidelity
- E-MU XTC Class-A ultra-low noise Mic/Line/Hi-Z preamplifiers (-127dB EIN) with 48V phantom power and ground lift switches enable you to plug microphones, keyboards and guitars straight into your computer with professional results, while the built-in analog soft limiting circuit lets you record a hotter signal without fear of clipping
- Comprehensive digital I/O with optical and coaxial S/PDIF (switchable to AES/EBU) and MIDI In/Out to easily connect all of your digital studio gear and instruments
- Ultra-low latency USB 2.0 drivers offer accurate timing and playback of your recorded audio and software instruments
- Hardware zero-latency direct monitoring (mono/stereo) allows you to record and overdub with no annoying delay
- Plug-and-Play operation with hands-on control of all major functions like master level, direct monitoring, preamplifier controls and more
- Cross-platform support (Windows XP/x64 and Mac OS X) and compatibility with most popular audio/sequencer applications (Windows: ASIO2, WDM, MME, AC-3 and DTS Passthru; Macintosh: Apple CoreAudio, CoreMIDI, AC-3 and DTS Passthru)



Macintosh analog operation up to 96kHz and digital operation up to 48kHz only at this time – check www.emu.com for updates





















USB 2.0 Audio Interface/Mobile Preamp

E-MU'S Tracker Pre USB 2.0 Audio Interface/Mobile Preamp is the ultimate portable USB audio interface for Mac and PC, offering pristine 24-bit/192kHz recording and playback, direct monitoring, and a host of professional features in a compact, USB bus-powered package. The Tracker Pre USB provides users with two Class-A ultra-low noise Mic/Line/Hi-Z preamplifiers that can be run independently or in stereo to record guitars, keyboards or microphones with optimal audio performance. CurrentMorph™, a patent-pending circuit design, allows Tracker Pre to offer +48V phantom power and use premium high-power converters while using only USB bus power.

- Two Class-A ultra-low noise Mic/Line/Hi-Z preamplifiers with 48V phantom power, ground lift switches and effects inserts can also be used as a standalone stereo preamp using the optional external power supply
- Premium 24-bit/192kHz A/D and D/A converters* (A/D: 112dB SNR, D/A: 112dB SNR) deliver unmatched USB audio fidelity
- ► Hardware zero-latency direct monitoring
- Plug-and-play operation with hands-on control of all major functions
- ► Compatibility with most popular audio/sequencer applications

Front



Production Tools
Software Bundle

SONAR LE

CHASE LE:

Peak Express 5

Incloding

Proteir

Wave 2.V

Macintosh analog operation up to 96kHz and digital operation up to 48kHz only at this time – check www.emu.com for updates













0202 USB 2.0 AudioPod



E-MU'S 0202 USB 2.0 Audio Interface offers pristine 24-bit/192KHz* recording and playback, direct monitoring, and a host of professional features in a compact, USB bus-powered package. The 0202 USB provides users with two Class-A preamps that can be run independently or in stereo to amplify guitars, keyboards or microphones, and with individual ground lift switches to deliver optimal performance in portable USB audio.

- ► Premium 24-bit/192kHz A/D and D/A converters
- One ultra-low noise Mic/Hi-Z/Line preamplifier, one Hi-Z/Line preamplifier
- ► Ultra-low latency USB 2.0 drivers
- ► Hardware zero-latency direct monitoring
- Plug-and-play operation with hands-on control of all major functions
- ► Compatibility with most popular audio/sequencer applications

Front



Back



Macintosh arelog operation up to 96kHz and digital operation up to 48kHz only at this time – check www.emu.com for updates













USB MIDI Interfaces





Specifications

- 2 MIDI In / 2 MIDI out
- ► USB 1.1
- USB bus-powered
- Ultra-fast MIDI response
- Active-Sensing messages filtered
- MME, DirectMusic, and CoreMIDI supported
- Multiple device support
- Carrying pouch included





Specifications

- ► 1 MIDI In / 1 MIDI out
- ► USB 1.1
- ► USB bus-powered
- Ultra-fast MIDI response
- Active-Sensing messages filtered
- MME, DirectMusic, and CoreMIDI supported
- Multiple device support

Digital Audio Systems

E-MU'S Digital Audio Systems deliver everything you need to produce audio on a PC with professional results - Mastering Grade converters, hardware-accelerated effects and mixing,

comprehensive sync options and seamless compatibility with your favorite PC audio/sequencer software. Whether you are recording full-blown productions or running virtual instruments on a dedicated computer, E-MU's Digital Audio Systems stand toe-to-toe with the most advanced and expensive audio systems in the world and deliver everything needed to create professional-quality music on your PC.

- Features mastering-grade 24-bit, 192kHz converters

 the same A/D converters used in Digidesign*'s
 flagship ProTools* HD 192 I/O Interface
- 32 channels of zero latency hardware mixing/monitoring with super-flexible virtual patchbay – no external mixer needed
- E-DSP 32-bit Multi-effects Processor offers you over 25 hardware-accelerated effects (over 600 presets) for use in the PatchMix DSP Mixer application with no CPU overhead.
- Compatibility with most popular audio/sequencer applications – ultra-low latency 24-bit/192kHz ASIO2, WDM and 64-bit drivers
- Includes Production Tools software bundle with E-MU's Proteus VX, as well as software by Cakewalk, Steinberg, Celemony Melodyne, Ableton, IK Multimedia, SFX, BIAS, and many more – everything you need to create, record, edit, and master your music
- PatchMix and drivers with Windows XP and Vista 32-bit/64-bit suppport











PCIe Digital Audio Systems





Digital Audio Bystem

Hardware Components:

- 1010 PCIe Card
- MicroDock M

I/O Configuration:

- Two E-MU XTC Mio/Line/Hi-Z preamps (w/soft limiter and 48V phantom power)
- . Four 1/4" Balanced Inputs
- Six 1/4' Balanced Outputs
- · Tumtable Input (w/ground lug and hardware RIAA preamp)
- 24-bit/192kHz ADAT In/Out Iswitchable to S/PDIF)
- 24-bit/192kHz coaxial S/PDIF In/Out (switchable to AES/EBU)
- Two sets of MIDI In/Out on breakout cable
- Three stereo 1/8" Speaker Outputs (configurable from stereo to 5.1)
- One Stereo Headphone Output

Production Tools Software Bundle Includes: Cakewalk SONAR LE 6.3, Steinberg Cubase 4 LE, Ablaton Live Life 6 E-MU Edition, IK Multimedia AmpliTube X-Geer, IK Multimedia T-RackS Eq. Celemony Melodyne essential, Waldorf Altack, Waldorf D-Pole, Waldorf PPS Wlave, SFX Machine LT, Creative EAX® ADVANCED HOTM ALchemy (Wata only), E-MU Proteus VX





Digital Audio System

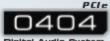
Hardware Components:

- . 1010 PCle Card
- 0202 I/O Daughtercard

I/O Configuration:

- Two 1/4" Balanced Inputs
- . Two 1/4" Balanced Outputs
- 24-bit/192kHz ADAT In/Out (switchable to S/PDIF)
- 24-bit/192kHz S/PDIF In/Out (switchable to AES/EBU)
- MIDI In/Out

Production Tools Software Bundle Includes: Cakewalk SONAR LE 6.3, Stainberg Cubase 4 LE, Ablaton Live Lite 6 E-MU Edition, IK Multimada AmpliTube X-Gear, Calemony Molodyne essential, Waldorf Atlack, Waldorf D-Pola, Waldorf PPG Wave, SFX Machine LT, Creative EAX® ADVANCED HDTM ALchamy (Mistaionly), E-MU Proteus VX





Digital Audio System

Hardware Components:

0404 PCle Card

I/O Configuration:

- Two 1/4' Unbalanced Inputs
- Two 1/4' Unbalanced Outputs
- 24-bit/96kHz S/PDIF optical In/Out (switchable to AES/EBUI
- 24-bit/96kHz S/PDIF coaxial In/Out (switchable to AES/EBUI
- MIDI In/Out

Production To als Software Bundle Includes: Cakewalk SONAR LE 6.3, Stainberg Cubase 4 LE, Ableton Live Life 6 E-MU Edition, IK Multimoda AmpliTube XGear, Celemony Melodyne essential, Waldorf Attack, Waldorf D-Pole, Waldorf PPG Wave, SFX Machine LT, Creative EAX[®] ADVANCED HDTM ALchemy Mista only), E-MU Proteus VX

1010 PCIe Card











Expansion Sounds for Emulator X and Proteus X



Modern Symphonic Orchestra

Modern Symphonic Orchestra offers a comprehensive collection of over 1058 of the finest string, brass, woodwind and percussion samples — all meticulously sampled and programmed for just the right expressiveness in each recorded note to convey a truly realistic feel. Together with the included Overture 4 SE notation software, E-MUIs Modern Symphonic Orchestra offers a total "plug-and-play" soundset for your Emulator X and Proteus X that lets you dial in the perfect orchestral sound every time.



Platinum 88 - Grand Piano Library

E-MU's Platinum 88 offers over 7GB of 24-bit grand piano samples E-MUS Platnum et ones over Acid of a pristine Steinway Model L — every note (21 layers prote) of a pristine Steinway Model L was recorded. The Platnum 88 has been programmed to switch between pedal up and pedal down sample layers, sosteruto pedal and soft pedal to create a sampled grand piano with unwatched realism and playability. Also included are 168 and 200MB versions of the piano for ultimate sequencing flexibility and optimized performance.



World Sound Library - Old World Instruments Old World Instruments delivers two CD-ROMs packed with traditional plucked string, wind, and percussion instruments from around the globe to your E-MU Software Instrument. These instruments were expertly sampled with their natural decay wherever possible, and early bank provide you with both the pure, unprocessed presets, as well as effected versions – all optimized to E-MU's unrivalled synthesis engine.



Vintage X Pro Vol. 1 - Synthesizers

Vintage X Pro Volume 1 - Synthesizers offers you a host of legendary analog and digital synths, including the ARP 2500, Mini and Memory Moogs, Prophet 10 and 600, Jupiter B. Taurus Pedals, and more.



Vintage X Pro Volume 2 - Synthesizers includes the tape-based Melictron, analog synths like the E-MU Modular and Elia Rhapscoly, as well as a bank of the latest, modern digital synthesizers.



Vintage X Pro Vol. 3 - Keyboards Vintage X Pro Volume 3 - Keyboards delivers legendary keyboards like the 83 drawbar organ, Rhodes, Clavinet, CP-70 and Wurlitzer Electric



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Street Kits - Urban/Dance Drum Sound Library

Street Kits brings over 150 of the fattest, thickest, deepest and crispiest drumkits known to man to E-MU's Emulator X and Proteus X Software Instruments. Developed by renown U.K. sound designers Samplecraze, Street Kits offers you over 5,000 samples to build your Hip-Hop and Dance beats — all programmed to E-MU's filters and synthesis parameters that will push your speaker cones to the limit.



Beat Shop Two - Acoustic Drums and Grooves Beat Shop Two offers you three new acoustic 24-bit drums, including Funk, Jazz and Studio kits, as well as an assortment of grooves performed by world-class drummers. These samples and grooves have been meticulously sampled in professional studios and mapped to E-MUs powerful patchcord modulation matrix to provide you with unmatched realism and control.



Xtreme Lead X - Electro/Dance Sound Library

The new Xtreme Lead X offers you every last preset and sample of E-MU's cutting edge Xtreme Lead-1 Electro/ Dence Sound Module. Xtreme Lead X provides you with everything from scothing ethereal pads and screaming digital noise to pounding drumkits and percussion, giving you the building blocks for all of your modern dance



Mo'Phatt X - Urban/Dance Sound Library

Mo'Phatt X brings the complete soundset of E-MU's legendary Mo'Phatt sound module to your E-MU Proteus X and Emulator X Desktop instrument - every charttopping sample of the original with full effects and synth implementation. Mo'Phatt X is an indispensable tool for every serious Hip-Hop musician/producer, delivering all the sonic tools you need to move the masses.



Planet Earth X - World Sound Library

Planet Earth X brings the complete soundset of E-MU's popular Planet Earth sound module to your E-MU Proteus X and Emulator X Desktop instrument - every ethnic sample of the original with programmed effects and synth parameters for every preset. Planet Earth X delivers an amaz-ing collection of authentic traditional instruments from the four corners of the globe to your desktop.



Virtuoso X - Orchestral Sound Library Virtuoso X delivers a complete crohestra for Proteus X and Emulator X – providing you with every string, woodwind, brass and percussion sample of E-MUs acclaimed Virtuoso 2000 sound module. The Virtuoso X soundset was created from a single professional symphony orchestra, with close and ambient samples that can be blended to deliver amazing realism and consistency across all instrument sections.



Acoustic/Electric Drum Sound Library

From standard acoustic drums to specialty rock, jazz and R&B kits, E-MUIs Protean Druns X sounded delivers every last sample from E-MUs PX-7 Command Station. Protean Druns X provides you with over 500 presets that include everything from acoustic drum sounds to an assortment of acoustic and electronic percussion – all optimized for E-MUs powerful Proteus X and Emulator X filters, effects and synthesis architecture.



Techno Synth Construction Yard X
- Electronica/Dence Sound Library Vol. 1

Legendary Dutch sound designer Rob Papen and Legendary Dutch sound designer Rob Papen and E-MU bring you Techno Synth Construction Yard, a compilation of synth, techno and ambient sounds included in E-MU's acclaimed Orbit V3 Sound Module. From atmospheric pads to punchy sub-basses and anunchy drum kits, Techno Synth Construction Yard X delivers these classic electronics sounds to your E-MU Desktop instrument to tear up the dance floor.



- Electronica/Dance Sound Library Vol. 2 Legendary Dutch sound designer Rob Papen and E-MU bring you Beat Garden X, a diverse palette of Electronica/ only you sent careful in E-MUs acclaimed Orbit V3 Sound Module, offering you everything from synths and basses to acoustic and electronic drumbits and percussion. Load the sounds from one of E-MUs nost popular dance modules into your E-MU Desktop Instrument and add a unique dimension to your tracks.



E-MU System 1500 Green Hills Road Scotts Valley, CA 95056