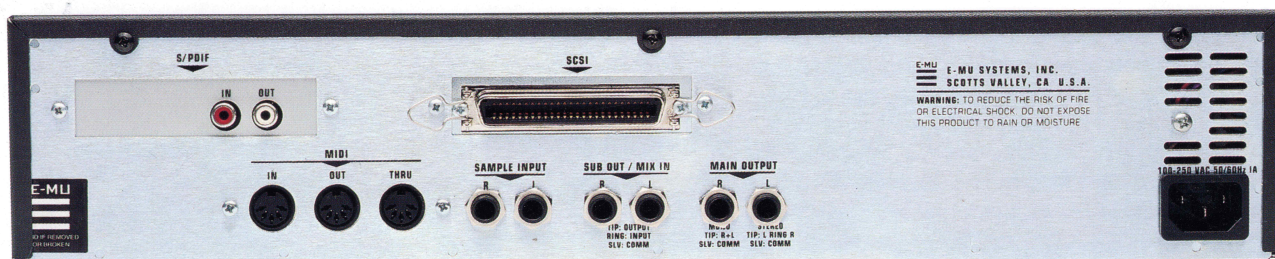


## ESI-32 Specifications



### MODELS

- **6200**  
2MB RAM, floppy disk drive
- **6201**  
2MB RAM, SCSI option
- **6202**  
8MB RAM, SCSI option
- **6203**  
8MB RAM, 270MB SyQuest drive (with one cartridge), SCSI option
- **6204**  
32MB RAM, 270MB SyQuest drive (with one cartridge) SCSI option, Digital I/O option

### OPTIONS

- **6210**  
Digital I/O—adds S/PDIF digital I/O
- **6212**  
SCSI Interface—adds 50-pin SCSI port
- **6072-01**  
ESI-32 CD-ROM bundle, Apple CD-300 CD-ROM drive and four-volume "Elements of Sound" CD-ROM library

### CONTROLS

- **Data Entry**  
Data Wheel Encoder  
Increment/Yes and Decrement/No  
Enter and Escape  
10-Key Pad
- **Cursor Control**  
Cursor Up, Cursor Down, Cursor Left, Cursor Right
- **Disk Functions**  
Drive Select  
Load Bank  
Save Bank  
Audition Key
- **Trigger Functions**  
Trigger Mode  
10-key Pad

### MODULES

- **Master/Globals**  
Accesses MIDI globals, bank functions, disk utilities, master tune and dynamic allocation
- **Sample Management**  
Accesses all sampling and sample edit functions
- **Digital Processing**  
DSP processes including time compression/expansion, parametric EQ, reverse, crossfade looping, compression, gain change, normalization, taper, sample rate conversion, stereo-to-mono conversion, cut, copy, paste, doppler pan and undo/redo
- **Preset Management**  
Used for creating, deleting, renaming, copying, linking and merging entire presets.
- **Preset Definition**  
Used for loading, editing, copying, erasing separate zones inside of a preset. Also used for MIDI controller setups for presets.
- **Dynamic Processing**  
Accesses tuning, delay, chorus and all VCA, VCF and LFO functions for the selected zone. Includes control of three envelopes (one VCA, one VCF and one auxiliary), velocity parameters and keyboard modes (normal, solo and nontranspose).

### SPECIFICATIONS

- **Processor**  
16MHz-68K family
- **Display**  
20x4 backlit LCD
- **Sound RAM**  
2MB standard, expandable to 8MB, and 32MB using standard SIMMs
- **Data Storage**  
1.44MB floppy (standard)  
50-pin SCSI interface for use with SCSI hard disks, CD-ROM and MO (optional).  
270MB removable SyQuest drive (optional)
- **Input and Output Resolution**  
128x oversampling sigma/delta analog-to-digital conversion  
Discrete 18-bit digital-to-analog converters

- **Input Sampling Rates**  
22.05kHz and 44.1kHz (analog) 32kHz, 44kHz and 48kHz (via S/PDIF digital option)
- **Output Sampling Rates**  
44.1kHz
- **Signal to Noise**  
>90dB (output)
- **Frequency Response**  
20Hz-20kHz
- **THD and Noise**  
<.05%
- **THD**  
<.03%
- **Output Level**  
+4dBu
- **Output Impedance**  
1000 ohms
- **Stereo Phase**  
Phase coherent  $\pm 1$  degree at 1kHz
- **Audio Channels**  
32 mono channels, 16 stereo channels
- **Digital Filters**  
32 4-pole lowpass filters with resonance
- **Transposition Range**  
10 octaves ( $\pm 5$  octaves from original pitch)
- **Inputs**  
MIDI in, stereo unbalanced 1/4" analog inputs, S/PDIF input (optional)
- **Outputs**  
Four unbalanced polyphonic 1/4" analog outputs, MIDI out, MIDI thru, S/PDIF output (optional)
- **Dimensions**  
Height: 3.4 inches/9cm  
Width: 17 inches/43cm  
Depth: 10.4 inches/26.5cm
- **Weight**  
10 lbs 3 oz/4.6 kg
- **Power Requirements**  
100-240 VAC, 50/60Hz, less than 50 watts

All specifications subject to change without notice.  
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