

# E-drum

Digital Percussion Module

## Real sounds. Total dynamic control.

Introducing E-drum. A breakthrough in electronic percussion from the company that has pioneered affordable digital sampling technology.

The E-drum digital percussion module combines the clarity and precision of digitally recorded sounds with the dynamics and spontaneity of live drumming. It is a completely self-contained electronic drum that accepts interchangeable E-drum sound cartridges, each containing one or two sounds in solid-state memory. The extensive cartridge library includes a wide selection of acoustic and electronic drums as well as numerous percussion instruments and sound effects, with more sounds being constantly added. (Of course, since E-drum sounds are recorded digitally rather than synthesized, there is no limit to what they can be. How about being able to solo with the sounds of cannons, breaking glass, or colliding automobiles?)

But the E-drum's real strength lies in its responsiveness to your playing, offering extraordinary expressive control over both volume and pitch. The E-drum pad can be set to respond to your particular style: from the lightest of finger taps to the heaviest metal stick-ing. A decay adjustment as well as a (very) active equalizer allow the E-drum's sounds to be tailored to your individual tastes.

The E-drum's unique external trigger input accepts triggers from synthesizers, sequencers, or drum machines, as well as virtually any audio source. The dynamics of the triggering signal are detected and duplicated by the E-drum, making it possible for E-drums to be played expressively from a miked drum set. You can even use an E-drum to replace an already recorded drum track with a completely different sound while still retaining the rhythm, expression and dynamics of the original performance.

The E-drum. A revolution in electronic drumming. Available today from E-mu Systems.

**E-mu Systems, Inc.**  
applied magic for the arts  
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(408) 476-4424

# E-drum Specifications

## Controls (Front Panel)

**Pitch** - varies pitch continuously over a one octave range

**Pad Sensitivity** - adjusts the pad's dynamic response to match playing style

**Sound Selector** -selects one of two sounds on multisound cartridges

**Pitch Sensitivity** - controls the degree to which pad dynamics affect pitch

**Decay** - controls decay from 50 milliseconds to cartridge maximum

**Treble** - adjusts the amount of boost or cut in the treble frequency range

**Bass** - adjusts the amount of boost or cut in the bass frequency range.

## Input/Output (Rear Panel)

**External AC Adapter Input** - accepts 18VDC 200ma unregulated power via 3.5mm phone plug with center positive polarity (Use only E-mu authorized AC adapter.)

**External AC Adapter Output** - When E-drum module is powered by AC adapter, this output supplies power for connection to additional modules. Up to 5 E-drum modules may be powered by a single AC adapter.

**Power LED** - indicates power ON status, whether from the battery or AC adapter

**Battery On/Off** - allows use of external AC adapter power when in OFF position, use of battery power in ON position

**Trigger Input** - (1/4" phone jack) accepts standard DC gates and triggers (0.2 - 5 volts, 100msec or longer) as well as most audio sources. The dynamics of the triggering signal are detected and duplicated by the E-drum module.

**External Pitch Adjust** - allows voltage control of pitch via a powered footpedal or other DC voltage source (0-5V)

**Audio Output** - (1/4" phone jack) 4.7Kohm signal output

**Cartridge Port** - accepts E-drum sound cartridges. Cartridges are keyed to prevent incorrect insertion.

## Physical Specifications

Weight - 32 ounces (920 grams)

Dimensions - 7.2"H x 7.2"W x 1.3"D (180mm x 180mm x 33mm)

Mounting - mounts on standard rototom stand by means of standard mounting brackets.

## Standard Accessories

1 Rototom Mounting Bracket with hardware

1 Sound Cartridge

## Optional Accessories

AC Power Adapter

Voltage Pedal

Additional Sound Cartridges

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