

INTRODUCING THE
ETHERVOX™
MIDI
Theremin
With Full MIDI
Implementation



THE TRADITION CONTINUES

Since the 1920's the theremin has intrigued people with its space-controlled, highly expressive sound. Now you can have a theremin that combines classic tone and playability with the latest music technology—the world's first MIDI theremin: The Ethervox™

On stage, in the production studio, or in your home music room, the Ethervox performs in the tradition of the finest musical instruments. The visual appeal of its unique hand-crafted and hand-finished mahogany cabinet perfectly complements the instrument's carefully-crafted state-of-the-art circuitry. Antenna response has been adjusted to give the best possible combination of range and playability. Three specially-designed tone color controls enable you to tailor the sound quality to your music.

The Ethervox integrates easily into any **MIDI studio** or stage setup. Several menu options let you match your Ethervox's MIDI data to the other resources of your MIDI setup. Many MIDI sequencers provide editable high resolution graphic displays of pitch bend and control change data streams, which enable you to use standard techniques to modify your MIDI recording. The Ethervox's MIDI data can be played back through the Ethervox itself, or through any MIDI sound generator that is capable of wide-range pitch-bend. Thus you can create a virtually limitless array of dramatic and expressive continuously-varying musical gestures simply by moving your hands around the Ethervox's antennas, ... AND you can fine-tune each gesture once you've recorded it in your sequencer.



The Ethervox's front panel provides convenient access to all controls, switches, and MIDI parameters.

Imagine . . .

being able to play intensely lyrical melodies across the entire musical pitch range; to shape sound contours with a single hand motion; or to graphically edit and then play back a MIDI recording of a theremin performance. Then imagine pushing the limits by inventing shimmering, sparkling sonic textures. All this, and much more, are literally at your fingertips with the Ethervox.

Designed by Bob Moog, the Ethervox combines a state-of-the-art authentic theremin with a high-resolution, musician-friendly MIDI interface and a versatile analog sound generator. You get traditional theremin performance PLUS extended pitch range and tone color possibilities. In addition, you get the ability to control a MIDI synthesizer with theremin gestures; to record, edit, and play back your performance with MIDI sequencer; to perform one theremin part while your MIDI data generates a second part; and MORE...

*Open up a world of new musical possibilities for yourself--
you've never played anything like this before!*



OVERALL FEATURES

- ◆ Three instruments in one: an authentic theremin, a MIDI interface; and a MIDI-controlled analog sound generator.
- ◆ Convenient front panel controls enable the player to change operating points and menu settings in real time.
- ◆ Separate interface box, connected to the main cabinet by a single cable, provides access to all inputs and outputs.
- ◆ Main cabinet is of solidly-built and elegantly hand-crafted mahogany. Matching stand disassembles for shipping.

PLAYING CHARACTERISTICS

- ◆ Faithfully recreates the playing characteristics of Leon Theremin's classic instruments.
- ◆ Choice of three pitch ranges: TENOR (up to 2 octaves above middle C), ALTO (3 octaves), or SOPRANO (4 octaves)
- ◆ Produces any pitch from the individual pulses of subaudio frequencies to the highest note of the selected range.
- ◆ Produces volume range from complete silence to full volume.

The Interface Box: A separate interface box, connected to the Eibervoc's cabinet by a single cable, provides convenient connections to all inputs and outputs.

TONE COLORS

- ◆ Three continuously-variable panel control knobs: WAVEFORM (selects predominant overtones), BRIGHTNESS (determines overall strength of overtones), and FILTER (sets how rapidly overtones decrease with higher pitches).
- ◆ Wide range of tone colors from traditional theremin timbre, to flutelike, stringlike, or voicelike quality.
- ◆ Digital memory stores and retrieves your own settings.

MIDI IMPLEMENTATION

- ◆ MIDI circuitry generates continuous data that specifies the tone's pitch and volume.
- ◆ Pitch is transmitted as a stream of "pitch bend" messages
- ◆ Volume is transmitted as a stream of "master volume" messages
- ◆ Messages are updated at player selected rates of 10-200 updates per second, 7 or 14 bit resolution
- ◆ Several data conversion modes are implemented
- ◆ Any MIDI channel may be specified
- ◆ Presets may be selected by "program change" messages

INPUTS AND OUTPUTS

- ◆ Operates on any power voltage without having to be switched or modified
- ◆ Both balanced and unbalanced line level audio outputs
- ◆ Self-contained power amplifier for driving a small practice or performance speaker



About Bob Moog:

Though well-known as the inventor of the Moog synthesizer, Bob Moog has been designing and building theremins since 1954, and is acknowledged to be the world's foremost authority on the theremin. Moog has been privileged to restore some of the original instruments built by Leon Theremin. Among these are the priceless theremins belonging to Clara Rockmore, Lucy Bigelow Rosen and Henry Solomonoff. This experience has given insight in the original, authentic theremin sound and playing characteristics. Now he combines that experience with modern MIDI technology to produce the finest theremin ever made.

Big Briar

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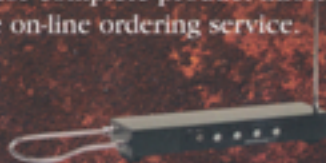
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Big Briar is Bob Moog's company, featuring the world's largest selection of theremins and theremin accessories. Visit our website for complete product information and secure on-line ordering service.



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