

**Product Description**

The Akai Professional EWI4000S is a newly designed electronic wind controller. This musical tool incorporates several improvements in the development of MIDI/ Synth instrument capabilities.

The EWI4000S has many of the long sought after controls and functions that are necessary for expressive performance. These benefits have been proven by its predecessors, but the EWI offers these features at a much lower price. There are several improvements to the design as well, such as having a built-in sound module, direct MIDI IN and Out, and other updated operating functions. These functions make playing the EWI4000 easier than any other electronic wind instrument.

With the sound module and the instrument all in one product, players no longer need to be tethered to a module. By using MIDI and audio wireless transceivers, EWI4000S players can move freely on the stage as they are playing. The user can easily switch between programs on the EWI4000S directly with a dedicated Program selection button, or use the note keys to select stored patches.

The internal sounds of the EWI4000S are based on a virtual analog synth sound module that is very responsive to the player's nuance. With easily accessible controls for breath, vibrato, glide time, and bend width, users can adjust the settings of the EWI4000 to their specific playing style. Also you can send multiple MIDI messages via breath control to send expression and aftertouch control messages.

The EWI4000S also offers some new performance control features as well, such as the Octave Key. When you activate the Octave mode, you will get an automatic doubling of notes at one octave below the note you are playing. There is also a Hold Mode, which holds a note that you select enabling you to solo around that note. This is the first EWI with a sostenuto capability!

Besides being a great wind controller, you also get a first rate synthesizer. The EWI4000S has new synthesis features which were not available on previous EWI's. The internal analog modeling synth has two voltage controlled oscillators (sawtooth, triangle, square with pulse width waveforms) with individual volume control. The voltage controlled filter has a feature which allows you to change from 2 to 4 pole filters. The EWI4000S's new noise generator and a dedicated VCF add more realism to your playing, emulating breath noise.

The EWI4000S has a new sweep function, which works more effectively than a typical envelope generator. As you change the force of your playing the sweep parameter will alter the shape of the sound. The synth contained inside has a LFO (low frequency oscillator) specifically for the voltage controller filter modulation. This LFO affects vibrato as you use the bite sensor. The EWI4000 also has built-in effects, a first for Akai EWI products, such as Reverb, Chorus and Delay to thicken or double-up your solos.

Since it would difficult to put all the knobs and buttons on the EWI-4000 that are needed to adjust the various parameters, the EWI4000S will come with a computer editor program to allow users to customize all their sounds ahead of time for live performance. This editor will come standard for Windows and Mac computers. All of your edited Programs can be stored inside the EWI4000S so you can recall your settings instantly during your performance.

Positioning

The EWI4000S is Akai's new, state of the art Electronic Wind Controller. This one of a kind instrument contains an industry first internal sound source. With multiple functions the EWI4000S pushes the envelope of MIDI/Synth capabilities and is available at an affordable price.



PRODUCT OVERVIEW

EWI4000S

Applications/Customers

Live and Studio Performance
Electronic Wind Players

Dimensions & Weight

Dimensions: 26.39" (L) x 1.73" (W) x 2.71" (H) **Weight:** (with battery) 2.13 lbs

Key Features

- 1) Touch sensitive keys and Octave roller for quick and responsive playing
 - 2) Sensitive breath sensor for expressive dynamics
 - 3) Built-in Analog Modeling Synth sound module
 - 4) Built-in MIDI output for use with sound modules
- PC and Mac Editor software for internal sounds
 - Lightweight and Portable Design with Battery power

Specifications

SOUND GENERATOR

- Analog Modeling Synth
- Preset Sounds with 2 VCO + 2 VCF, Dual Voice Analog Modeling
- Basic direct editing capability on the EWI4000. PC and Mac editing software included for extensive sound editing

EFFECTS

- Chorus
- Delay
- Reverb

GENERAL

- 2 Digit 7 Segment LED Program Display
- Shows program number when the Program Change sensor is touched
- Standard accessories: 32MB Compact Flash Card, Power cable
- HOLD key for playing second note while sustaining first note

CONNECTIONS

- 1/4" phone jack- unbalanced
- Headphone Output: 1/8" stereo jack
- MIDI Out x1, MIDI In x1
- AC Adaptor input
- Cable Holder to prevent cables from slipping off the EWI4000S during performance

POWER

- Battery power using AA batteries
- Optional AC Adaptor



PRODUCT OVERVIEW

EWI4000S

FAQs

Q. What is the difference between the new EWI4000S and previous Akai EWI products?

A. There are many similarities between the EWI4000S and its predecessor the EWI3020. The biggest difference is that the EWI4000S doesn't require an external module. All of the components such as the synth, MIDI input and output, and audio output are built-in on the EWI4000S.

Q. Are there internal sounds in the EWI4000?

A. Yes, the EWI4000S has a built-in analog modeling synthesizer that was developed to be a response to an electronic wind instrument.

Q. Can I edit the sounds of my EWI4000S on a computer?

A. Yes and then you can save the settings into the EWI4000S's memory for instant recall.

Q. Can I use my computer and external MIDI modules with the EWI4000S?

A. Yes the EWI4000S can be used to trigger MIDI modules directly. By adding a USB to MIDI converter you can trigger sounds in your computer directly from the EWI using the MIDI output.