

Eobody2 Sensor Systems ESS **The Developer DSP Solution for New Types Of Controllers**

Eowave ESS DSP (Eobody2 Sensor Systems) is an integrated solution for sensor to digital protocols standart needs.

Today, with years of research into sensor technology for music & video applications, Eowave proposes a new solution which can be easily integrated by developpers into any musical instruments. Choosing ESS DSP will definitely benefit any manufacturers or software company who wants to develop specific controllers for analogue or digital hardware or to bundle with virtual instruments. ESS DSP infinite possibilities enable to bring on the market new controllers types at a time when the interest in new controllers is highly growing.

■ ■ ■ Features

- > Protocoles compatibiliy: USB, OSC, MIDI, DMX
- > Fully MIDI compatible
- > Fully integrable
- > High speed USB> no latency
- > ... 7 to 14 bits
- > All MIDI software compatible
- > 3 levels of use
- > Editable signal internal processing
- > A easy and cost effective solution
- > Up to 128 inputs

Professional Internal Process: a professional tool for any musician!

With 3 different ways of use (from plug&play to fully programmable), ESS DSP proposes the most versatile and flexible technology to integrate sensors as digital controllers!

- ■ ■ > Plug&Play level
 - > Unique DSP dedicated to music and video applications
 - > PC, Mac & IntelCore compatible ESS Editor to set internal process parameters
 - > Internal analogue & digital DSP processing with 32 bit filtering, amplifying...
 - > Internal non-volatile memory

■ ■ ■ What kind of controllers can be made?

ESS DSP can be integrated in any instruments or be the core of any new controller design.

Here are examples of USB/MIDI controllers made by Eowave:

a 5 footswiches & 4 pedals inputs USB controller, a USB expression pedal, a universal USB footwitch/pedal hub, a USB ribbon controller, tactile tile...



For any request or product design study, contact Eowave Design Dept.

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