

# Espressivo

*Electric key action eliminating the headaches of mechanical key contacts offering amazing new musical possibilities*

## Concept

Exceptionally easy to retrofit individual key adjustment by software without mechanical access to contacts

### unique mechanical features:

- fixed to the balance rail for maximum stability
- compatible with all types of keyboards
- fits all keyboard spacings

### unique electronic features:

- magnetic sensing immune to dust and corrosion
- integrated standard midi interface
- high speed midi-over-IP Ethernet interface
- MIDI velocity information for external sound generators
- perfect syncing of speak points between electric and tracker action through precise adjustment

### unique musical features:

- dynamic couplers for expressive play
- new tonal control without modifications of the instrument
- detection of key velocity without compromising speak point

“Rather than  
blind you with science,  
we'll just help you build  
**brilliant**  
organs.”



## Set-up

While classical mechanical contact systems, using either contact wires or optical sensors, require hours of delicate adjustment, the Espressivo system can be adjusted in minutes. Simple Windows® software or the “starter kit” tablet guides you through the easy steps. After actuating all keys of a keyboard, the system is set up for playing. An interactive adjustment mode lets you adjust each key with live acoustic feedback.

# Mechanical

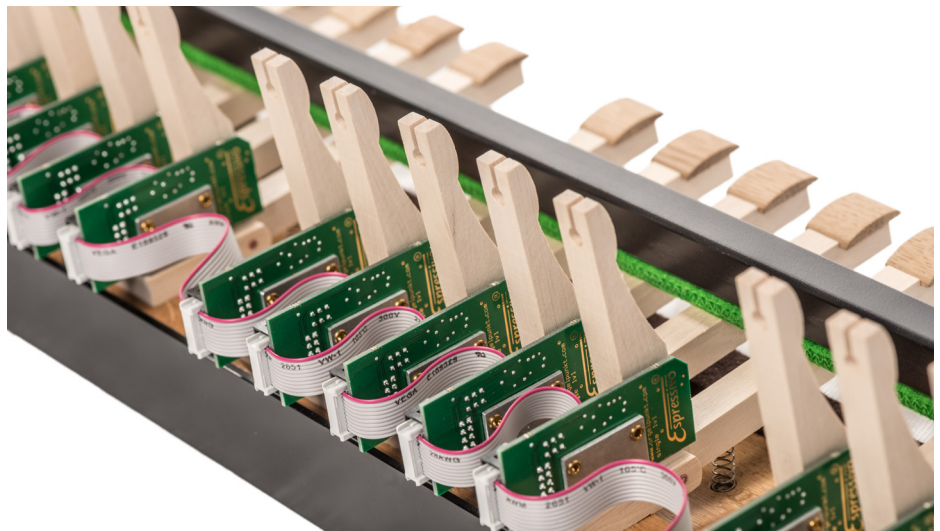
The sensor units for 8 keys can be freely positioned on a special aluminum rail, making the Espressivo system adaptable to any common key compass. As the sensor units can be cut to 5, 6 or 7 sensors, the rail can be configured to match the total number of keys. The only modification to the keys themselves is the addition of a small magnet.



# Electro-Musicality

The Espressivo system not only generates on and off signals, it also senses the speed of key movement. This feature translates into new options for musical expression: Depending on the dynamics of the artist's playing, single notes or chords can be coupled to other keyboards. Espressivo lets you configure dynamic sub- and super-octave couplers. These features open up new tonal dimensions without any alterations to the instrument.

Up to six keyboards are linked to the Espressivo master module inside the console by simple bus cables. This central unit links to the action electronics by a single digital interface. Via a classical midi interface the master unit communicates with almost any control system.



# Pedal

Pedal contacts are also available

Available in North America from:

Solid State Organ Systems

5600 General Washington Drive, Suite B211, Alexandria, VA 22312

tel: 800.272.4775 email: sales@ssosystems.com

