

## OST™ - OPTICAL SENSOR TECHNOLOGY (Optional)

Some Allen Organ Protégé™ and Quantum™ organs are equipped with this optional and unique touch sensitive system that eliminates contacts. OST™ provides maximum reliability. The secret comes from the combination of optical and digital technologies. With OST, light wave accuracy is employed for ultimate musical control. Each key includes infrared sender and receiver circuits, which instantaneously measure the key speed, translating the musician's commands into artistic results.

OST's optical sensors are also self-regulating. Every time the Organ is turned on, OST's computer checks each sensor and insures proper regulation. **FOR THIS REASON, NEVER DEPRESS A KEY ON A KEYBOARD WITH OST KEYING WHILE SIMULTANEOUSLY TURNING THE ORGAN ON.**

Organ sounds are not affected by the velocity sensitivity of OST. The velocity sensitivity is a MIDI function ONLY. To determine which MIDI sounds are affected by velocity changes, consult the owner's manual for your module that.

If you wish to turn off OST's the velocity sensitivity, go to the window of the Console Controller™ that reads MIDI EXPRESSION - POLY-VOLUME (SEE CONSOLE CONTROLLER GUIDE OF YOUR OWNER'S MANUAL). By using the up arrow and down arrow buttons on the controller, select Poly-Velocity. OST will then be de-activated and all expression will be controlled through the organ expression shoes.

Only the manual keyboards may utilize OST technology. The pedalboard does not and therefore will not transmit any MIDI velocity information.