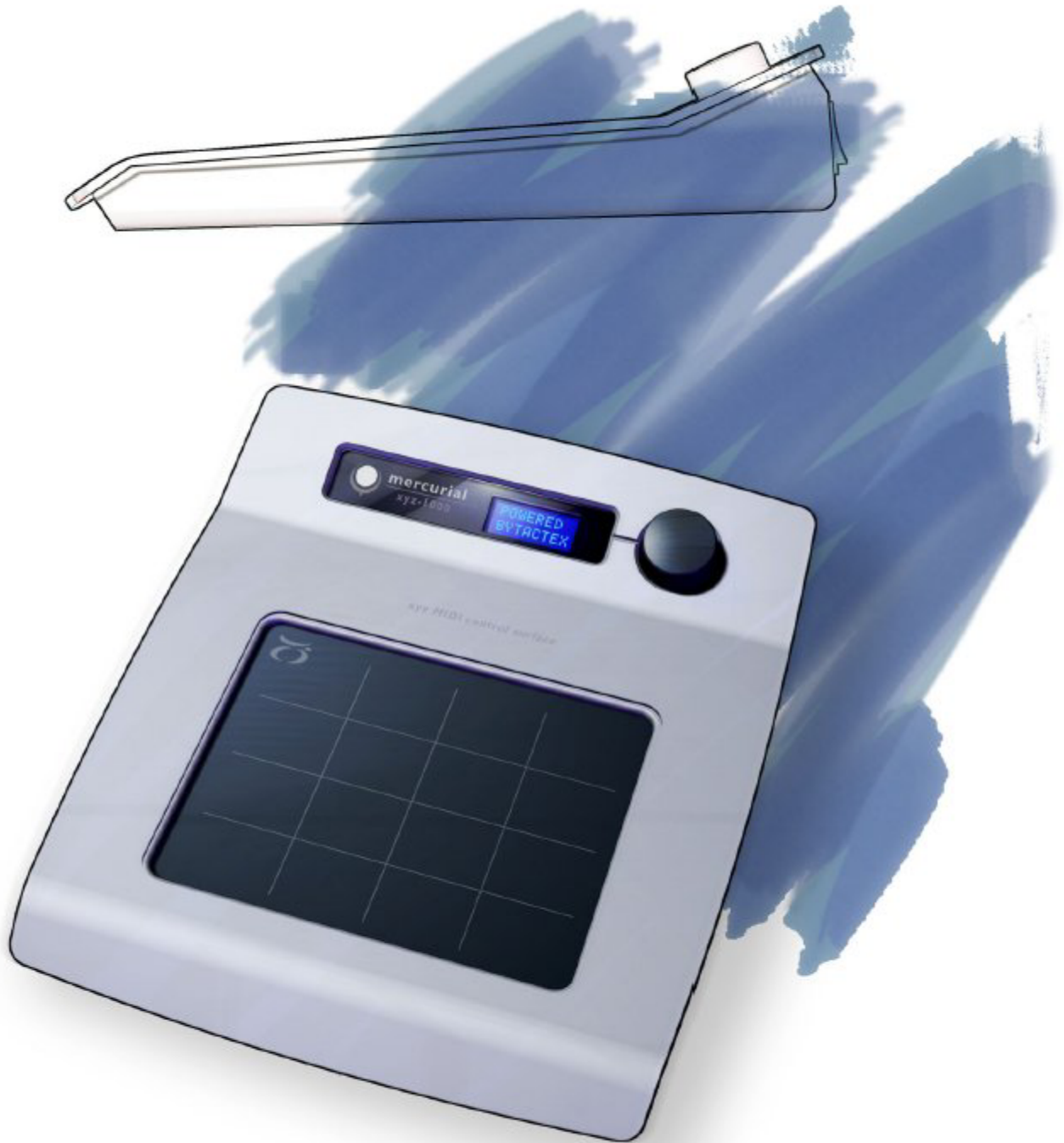


 *tactex controls inc.*
Tactex control surface concept 1 Mar 27 2003



codetta
PRODUCT DESIGN
www.codetta.com

STC-1000

The STC-1000 is a highly flexible and programmable Single Touch Controller that offers you unprecedented control of MIDI devices and PC applications. As well, it is a programmable, percussion enabled multi-zone MIDI trigger that can serve as the performance surface for custom instruments, created by you. In its percussion mode, the STC-1000 has the type of dynamic range that even the most discriminating percussionists will appreciate. In its parameter control mode, it is so powerful and flexible that it will change the way you think about controlling applications ranging from audio and graphics to games and external MIDI devices.

Control

The ability of the STC-1000 to control MIDI devices and PC applications is limited only by your imagination. A "few" examples of how the included software allows you to program the STC-1000 are as follows:

Stand Alone Mode

- MIDI trigger for instruments created by you
- 1 - 9 zone drum pad
- Keyboard expression / nuance controller
- DJ expression / nuance controller
- MIDI lighting controller
- Sequencer transport controller
- Peripheral DSP controller
- Proof of concept device

Connected to PC

- Control faders and buttons in your favorite software
- Sequencer transport controller
- Digital sound engineering parameter control pad
- X-Y-Z graphics controller
- PC applications option selection pad
- Graphic arts control surface for special effects
- Plug-ins controller & Games controller
- Video editing controller

Expression

Program the STC-1000 to control nuances and features of your favorite synthesizer. For example, you could program an XYZ preset where X is controlling the envelope, Y is controlling the pitch and Z is controlling portamento. Now, touch the surface of the STC-1000 and have instant, expressive control of these 3 features, with a single touch. At the turn of a knob, the STC can become 4 faders to control the volume of separate modules in your synth rack. Another turn and it is now a 9 zone percussion device tied to your favorite drum brain.

Morph

The included software will enable your STC to morph into the controller you need for the application you are using. Open your favorite graphics program and the STC can even morph within that 1 application. For example, in your graphics program, when you open your color channel mixer, the STC can be set to control RGB with X,Y and Z. One touch to do what before would have taken 3 sliders. Now switch to color balance. Cyan, magenta and yellow have been tied to XYZ. Again, just one touch to get the color balance right. The STC remembers your settings and anytime you open these windows in the future, it is ready to take control. Now, you open your favorite music application and have all this functionality available to control faders, shuttle control, Plug-ins like audio effects, Soft Synths and so much more.

Percussion and MIDI Trigger

In percussion mode, the STC-1000 can function as one large pad or can be split into 9 separate zones, a 3 X 3 grid. Each zone is individually programmable. You could have a kick on zone 1, a snare on zone 2, tom toms on zones 3 - 5 and cymbals on zones 6 - 9. Each zone can be sent to the same MIDI channel or separate MIDI channels.

Zones can also be set to play arpeggios. For example, zone 1 could be set to play a C the first time it is tapped, an E the second time it is tapped and a G the third time. It can also be set to play a chord if you like and there are no limits to the number of notes played in an arpeggio or a chord.

With all this functionality and its great dynamic range, the STC-1000 offers endless possibilities for musical expression and allows you to create new intuitive ways of playing music.

STC-1000 Web Site

Along with the launch of the STC-1000, the Mercurial Innovations Group will also launch a web site to support STC users. Updates to the STC software will be available at the site and users will have the option of downloading the updates or use the software's auto update feature. As well, the site will enable users to share the STC presets they create.

Preliminary Specifications

Kinotex™ NTP-01 Touch Surface
MIDI in MIDI out
9V Power Supply
Power on/off switch
Encoded preset selection knob
Backlit Alphanumeric LCD
Memory for 1-16 pre-programmed control presets
Aluminum top and solid metal construction
Elegant and rugged design
Supports multi zone (up to 16 zones) parameter control
Supports multi zone (up to 9 zones) percussion
Sensitivity 0.9 oz (.25n) of pressure
Dynamic Range .. Linear, 128 step

NOTE: These specifications are subject to change without notice. Complete specifications for the STC-1000 will be posted at the Mercurial Innovations Group web site upon the completion of beta testing.

Target Retail Price: \$299.95USD

This product is available for OEM opportunities.

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