

User's Guide for USB

SideKeys®

Wireless Computer Input



Current Works

Simple, Powerful Participation Tools

1000 N. Rand Rd., Bldg. 122

Toll Free: 888-526-1200

Wauconda, IL 60084-1199

Phone: 847-526-1121

www.currentworks.com

Fax: 847-526-1141

Current Works

Simple, Powerful Participation Tools

Guarantee

Your satisfaction is guaranteed! If this product does not meet all of your expectations, you may return it, for any reason, within the first year, for a complete money back guarantee.

Sales & Service

To order additional Inserts, Transmitters or SideKeys compatible software.

Contact our Sales/Customer Service Representatives

Call toll free: 1-888-526-1200

or E-mail us at: info@currentworksinc.com

www.currentworks.com

Current Works makes no warranties, expressed or implied, including warranties as to the merchantability or fitness for a particular use and shall not be liable for any losses or damage incurred, whether directly or indirectly, arising from the use of its products. Neither the customer, its dealers, or agents have any right to make any other representation, warranty, or promise with respect to the product.

FCC Compliance

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, a TV interface device, and a low power transmitter, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving unit.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- A shielded cable must be used when connecting a peripheral to the parallel or serial ports. The printer cable must have metal connector shells.

Changes or modifications to this equipment by other than an authorized service technician could void authorization to use this equipment

FCC ID: LYN20TX

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

© Copyright 2003 Current Works, Incorporated. All rights reserved. SideKeys is a trademark of Current Works, Incorporated. Macintosh is a registered trademark of Apple Computer, Inc.

Warranty or Repair Service

SideKeys products are warranted against manufacturing defects for **one (1) year** from the date of invoice. Warranty service covers materials and labor for the repair or replacement of your product. Problems caused by abuse, mishandling, improper installation, or improper storage are not covered by warranty. Any modification or repair attempt by the customer will invalidate the warranty.

We suggest you contact us at **888-526-1200** about any difficulties you may experience with SideKeys. We may be able to solve your problem quickly. If the product still needs to be returned for warranty or repair service, Customer Service will give you a **Return Authorization number (RA#)**. Ship the product under prepaid postage to:

Current Works, Inc.
Attn: Repairs
1000 N. Rand Rd., Bldg. 122
Wauconda, IL 60084-1199

Please include with it:

- the **“RA” Number** given to you by **Customer Service**
- a brief **description** of the problem
- your **return address**
- a **day-time phone** number or e-mail address
- a **proof of date of purchase** such as product registration card (on file @ CWI), a photocopy of the packing slip, invoice, purchase order or canceled check.

If it is a non-warranty repair over \$25, we will contact you with a cost estimate for your **“Approval to Repair”** paid with VISA, MASTERCARD, otherwise, we will repair the product and return it with an invoice.

When repair service is required, ship the product to us under prepaid postage, whatever way is convenient for you. Our goal is to return ship the product to you within 48 hours of receiving it, or within 48 hours of your **“Approval to Repair”**, if necessary.

Contents

SideKeys.....	4
Features of SideKeys.....	4
Installation of Receiver.....	5
Set-Up of Transmitters.....	6
Pre-Set Transmitters.....	6
Other Software Applications.....	6
Keypads defined to the Receiver.....	7
Lockout for use with PowerPoint®.....	8
Cleaning.....	8
Storage.....	8
Troubleshooting	9
Warranty and Repair.....	10
FCC Information.....	11

SideKeys®

SideKeys is a unique product that allows several teams to use a single computer simultaneously. SideKeys wireless Transmitters send keystrokes to the computer from anywhere in the classroom. Radio frequency technology allows SideKeys to operate without line-of-sight requirements.



Receiver plugs into any USB port on the computer

You can also plug the receiver into a USB port on the computer keyboard or external hub.

The Features of Your SideKeys®

- SideKeys Transmitters can simultaneously input to one computer
- There are six independent keys on each SideKeys Transmitter
- Touch a button to change templates and run different software applications
- SideKeys Transmitters have a range of up to 100 feet
- Receiver works on both Mac and PC/Windows USB operating systems
- No software to install, plug one cable into your computer

Troubleshooting

Symptom	Problem	Solution
Keypad No red LED lights or no beep when Transmitter key is pressed.	Battery is dead or missing	Replace battery with a new 9-volt battery.
No signal received by the computer, but red LED light on the Transmitter is bright and the beep sound is present.	• Software does not match transmitter keys • Receiver not installed correctly • Transmitter is too far away from the receiver • Radio frequency noise in the environment • Battery Power is low in the Transmitter • Transmitter is resting on a metal surface	-Be sure you are using keypad # appropriate for the template -Reinstall Receiver (see pg. 2) -Move closer to the computer -Move Receiver and/or Computer to different location or orientation. -Replace battery with a new 9-volt battery -Move Transmitter off the metal surface
Two Transmitters do the same thing.	• Both Transmitters set up the same • Both Transmitters have the same ID Code#	-If ID Codes in the battery case behind the battery are same #, use another Transmitter

Lockout Function

The lockout function available with this USB SideKeys system allows the Leader to lockout all other keypads, except the Leader's wireless keypad. This function is useful to control random input to the computer from participants who push buttons on their keypads. This is especially valuable if you Swap to applications (like PowerPoint) where a certain keystroke input can disrupt your presentation.



The lockout function can be turned "on" and back "off" again from the Leader's keypad in several of the templates. When the lockout function is "on" the red LED on the receiver flashes and only the Leader's keypad will be operational. A single touch of the "Lockout" button on the Leader's keypad turns the LED to continuous glow, and restores the functionality of all keypads.

Cleaning

SideKeys may be cleaned using a soft, clean cloth dampened with clean water or a plastic cleaner.

Storage

Your SideKeys product is equipped with a sleep mode in order to preserve battery life. However, for long term storage (more than a month), you should remove the battery from the Transmitters. Batteries can leak and damage equipment if left for long periods of time.

Installation of Receiver

Use any open USB port on your computer. You can also attach the USB SideKeys Receiver to a USB hub. No special software needs to be loaded and no external power is needed to operate the interface.



1. Connect the USB-B connector (Figure-1) of the USB cable into the port on the USB Sidekeys Receiver.
2. Connect the USB-A connector (Figure-2) of the USB cable into the USB port of the computer or one open port of a USB hub, keyboard or other.



USB
B-Connector
Figure 1



USB
A- Connector
Figure 2

3. First time activation for Windows 98 (MAC 8.6 or higher, ME, 2000, XP should automatically install any drivers needed)
The first time you plug your USB SideKeys Receiver into a Windows 98 OS computer the "Add New Hardware Wizard" will launch. Follow the one time on-screen instructions for SideKeys Receiver recognition.

This is an example screen that will launch when you plug in the USB SideKeys Receiver for the first time with Window 98 OS. You need to recognize the receiver only one time, from that point on the SideKeys Receiver will turn on automatically.



4. When the USB Receiver is properly installed, one red LED on the receiver will be lit.

Set Up of Transmitters

Install one, 9-volt battery in the rear battery case of each SideKeys Transmitter. The battery must be installed with proper polarity. See icon inside of the battery case. Depending on which bundle you purchased, the batteries may be stored in the battery compartment, in this case you must pull out the plastic battery isolator label.



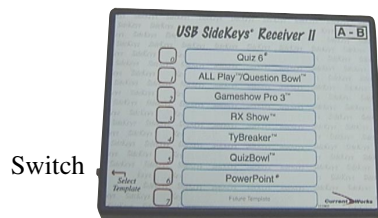
Pre-Set Transmitters

If you purchased SideKeys bundled with a specific software program, the Transmitters are preset to match that software and the installed inserts. Just install the SideKeys Receiver and the bundled software on your computer and then choose the proper template on the Receiver and begin.

Other Software Applications

These wireless keypads can be used with several software applications. The USB Receiver comes with templates installed to allow for easy switching between these various applications. The keypads are numbered (see the front end of the keypads) and defined to a specific receiver. For any specific application Keypad "letter" P(PC) or M(MAC) is used as the Leader's or Instructor's keypad. The Keypad #1 is used for Player or Team #1, Keypad #2 is used for Player or Team # 2, etc. When switching between software applications, simply decide which keypads will be used in the new application, change out the keypad inserts to match the new application and move the LED to the matching template by pressing the switch on the Receiver. When the new template is active, the receiver is designed to provide wireless input to the matching software application.

Note: Check our website for additional keypad inserts for other applications. The inserts may be downloaded and printed on you printer.



Keypads Defined to the Receiver

This set of SideKeys includes the USB Receiver, which is connected directly to the computer, and several keypads, whose ID numbers are defined in the memory of this specific Receiver.

Each keypad has a unique ID # and the Receiver only responds to those keypads that are actually programmed to interact with that Receiver. This allows Instructors to utilize these wireless radio frequency keypads within close proximity to other SideKeys systems without having interference between the systems. This also means that **the User must always maintain the Keypads with their assigned Receiver. You can not interchange the keypads between two or more SideKeys systems.** If you purchase additional SideKeys systems that will be used in the same facility, we will configure the new systems so that they do not conflict with your existing SideKeys. In most cases these Keypads will be "Defined" to work with the Receiver before they leave the factory. In some situations, we may also include a larger case for storage and transport of the expanded SideKeys system. USB SideKeys systems have an alphabetical letter on the label of each component, to identify the system. We encourage the users to use such labeling schemes to keep the systems clearly separated.