

Turning Technologies



RCRF-03 ResponseCard RF LCD and RRRF-04
USB HID RF Receiver

User's Manual

RCRF-03 & RRRF-04 User's Manual Ver. Preliminary

Overview:

The RCRF-03 Keypad is designed to be used with the RRRF-04 Receiver connected to a PC. The keypad transmits key presses via radio frequency to the RF receiver for accumulation by the PC. The keypad consists of 12 data keys (0-9, Channel, ?), a single status LED, and a small LCD.

ResponseCard RF LCD (RCRF-03)



The ResponseCard RF LCD keypad is handheld designed to send responses over RF to a receiver.

In Idle state, the LED and LCD are OFF. The keypad returns to idle state after completion of a key press.

Standard Operation Mode:

Initially the status LED and LCD are OFF.

Pressing a single key will cause the key to be transmitted to the receiver. After pressing a key the status LED and LCD will display the status as follows:

Quick Yellow Blink then OFF/LCD with Circle with Slash-

Receiver is not accepting data at this time

Blinking Yellow - key is being transmitted (up to 8 seconds)

Solid Green/LCD with Response pressed - key transmit successful - ready for input

Solid Red/LCD with Ch and Slash- key transmit failed – ready for input

Blinking Green/LCD with Response pressed - Receiver indicated correct answer

Blinking Red - Receiver indicated incorrect answer

Blinking Green and Blinking Red will only occur if the Receiver is configured to indicate a correct or incorrect answer (CORRECT POLLING mode).

Set RF Channel

Press Channel Button

Set RF Channel mode is indicated by the status LED flashing a RED then GREEN pattern. Set RF Channel mode exits automatically after three valid keys are pressed, if no valid key is pressed for 8 seconds, or at any time an invalid key is pressed. Valid keys are '0' through '9'. Valid RF Channels are '01' through '82'.

While in Set RF Channel mode pressing a valid key will cause the status LED to briefly flash **YELLOW**. When Set RF Channel Mode exits, the status LED indicates the result as follows:

Solid Green - Set RF Channel successful

Solid Red - Set RF Channel failed

HID RF Receiver (RRRF-04)



The RRRF-04 needs to be plugged into a USB port on a computer to ensure proper operation. Once the RRRF-04 is plugged in and recognized by the operating system, the appropriate software from Turning Technologies must be launched to enable the polling solution.

REGULATORY INFORMATION

FCC Statement

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.

Canada Statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This digital apparatus should not be connected to a PC with a USB cable exceeding 3 meters in length.