

User Manual for RF Bow Keypad

Label: Nitro

PN: BSSPZEA00
RF Bow Keypad, Nitro
FCC: OV9RFBOWPAD
IC: 10245A-RFBOWPAD

Ranger

PN: BSSPZEB00
RF Bow Keypad, Ranger
FCC: OV9RFBOWPAD
IC: 10245A-RFBOWPAD

Important Information

FCC Notice to Users

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.
- (2) Spyder Controls has not approved any changes or modification to this device by the user. Any changes or modification could void the user's authority to operate the equipment.

To comply with FCC exposure limits for general population / uncontrolled exposure, this device should be installed at a distance of 20 cm from all persons and must not be co-located or operating in conjunction with any other transmitter. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

Industry Canada Notice to Users

This device complies with Industry Canada's license-exempt RSSs. 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 devices.

This device should be installed and operated with minimum distance 0.2 m from human body.

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;
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet appareil doit être installé et utilisé à une distance minimale de 0.2 m du corps humain.

Installation and Setup

Install the RF Bow Keypad to a flat surface using the mounting holes in the housing with #6 Pan Head Screws. Avoid installing the switch panel on or near metal surfaces which can have a detrimental impact to signal strength and integrity.

To pair an RF Bow Keypad with a compatible Spyder Controls receiving device, put the receiving device into pairing mode (following the instructions for the receiver device), then press and hold any two of the three buttons on the RF Bow Keypad to pair. The receiving device will indicate when pairing has succeeded.

Operation

The RF Bow Keypad features an integrated 400 MHz Transmitter that wirelessly sends messages to a receiver device. Each keypad has backlight LEDs that will illuminate the buttons. These LED should turn on whenever a button is being pressed or held, indicating that the switch panel is transmitting, and they will stay on for 10 seconds after the transmission has stopped.

The messages sent out by each switch panel has a unique identifier which is used to distinguish them from one another. The message sent out when pressing a button also indicates which button is being pressed to allow the receiving device to perform a unique action for each button. The wireless receiver device only acknowledges messages from switch panels that are paired with it.



Troubleshooting

If the switch panel is not operating as expected, watch the backlight LEDs and press one of the buttons to see if they come on. If the LEDs do not come on, check the power source. Replace the CR2032 battery and try operating the switch panel again. If the LEDs still do not turn on when pressing a button after troubleshooting the power source, the switch panel has failed and needs to be replaced.

If the switch panel does not operate as expected, but the LEDs do come on when pressing the button there is likely a problem with the receiver device. If the LEDs work but the icons on the receiving device do not change color when pressing a button, The Bow Keypad needs to be paired again to the device and repeat the procedure. If after re-pairing the Bow Keypad to the receiver, it still does not function correctly, the Bow Keypad is considered faulty and needs to be replaced. If the icons on the receiving device turn red or alternate between red and green, the signal strength is not strong enough and the Bow Keypad is considered faulty and needs to be replaced. Refer to the document of the receiver device being used for more detailed instructions on troubleshooting and pairing procedures.