
	<p><b>WARNING</b> Do not use this product in or near water such as a bathtub, sink, or swimming pool.</p> <p>Do not use this product in the vicinity of a gas leak or to report a gas leak.</p>
	<p><b>CAUTION: EQUIPMENT DAMAGE</b> Do not attempt to disassemble the wireless microphone and controller. There are no user serviceable parts inside.</p>



# Wireless Microphone and Controller

## Quick Start Guide

**Important**

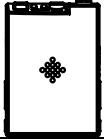
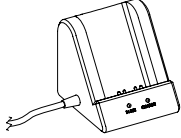
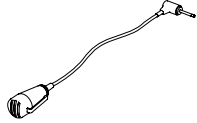

Placement of items on the duty belt can restrict ready access to important equipment. The location of the wireless transmitter or any other device provided with this system that is carried on the officer's person should be chosen with great care and consideration. After a location is selected, the officer should test access to and practice drawing primary items such as service firearms and secondary defense devices such as aerosol subject restraint, batons, electronic control devices, etc. Proper operation of handheld radios and other signaling devices should also be tested as should access to handcuffs and other restraining devices.

**Service and Warranty**

If your Wireless Microphone is to be returned to Seon Design for service, please call toll free 1-877-630-7366, or 604-941-0880, provide the model and/or serial number of your unit, and ask for a Return Authorization (RA) number. An RA number allows the Service Technicians to better track your product when it comes in for service. Please show the RA number on the outside of the package. **ANY PRODUCT SENT TO SEON DESIGN WITHOUT AN RA NUMBER MAY BE REFUSED.**

Please refer to the Warranty form provided with your product to review the terms of warranty service, contact and shipping information, as well as other important issues regarding the service and operation of your product.

### Package Contents

Wireless bodypack	
Wireless microphone base (base)	
Wireless lapel microphone	
Wireless microphone controller	


Other package items (not shown) include:

- Heavy duty double-sided VELCRO® tape, 2 in (5 cm)
- RCA audio cable
- Power harness with Mini-Fit connector

Before you begin the installation, make sure you have the *Rogue In-Car Video System Installation and Quick Configuration Guide*, 700-0072 handy for reference.

Information in this guide is subject to change without notice.  
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 Printed in Canada Document Part Number: 700-0073 R001

# 1 Location

	<p><b>CAUTION</b> Ensure the location is safe and the cables can run properly.</p>
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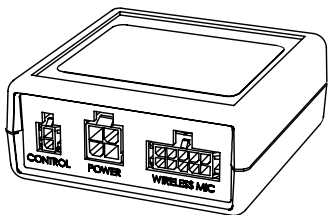
Determine the location in the vehicle for mounting the wireless microphone base and controller.

## 2 Mounting

- 1 Clean the mounting surface of any contaminants.
- 2 Install the base using the double-sided VELCRO tape. Leave the switch setting on the underside of the base at 12V.
- 3 Install the controller (the double-sided VELCRO tape is already attached).

## 3 Cable Connection

- 1 Connect the Mini-Fit power harness to the POWER input on the controller and connect its three wires as shown in the system diagrams in the *Rogue In-Car Video System Installation and Quick Configuration Guide*.



- 2 Connect the wireless microphone base to the WIRELESS MIC input on the controller.
- 3 Using the RCA cable provided, connect the RCA plug on one end of the cable to the TX AUDIO input on the controller. Connect the other RCA plug to AUDIO INPUT 1 on the DVR.

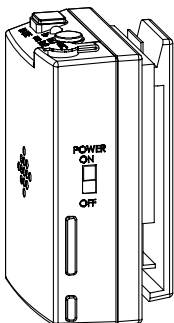


Note: The CAR AUDIO input and CONTROL input are not used.

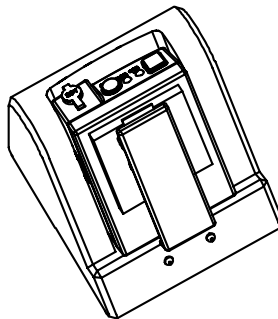
## 4 Synching the Bodypack & Base

The synch operation only needs to be performed the first time a system is used, or when a new bodypack is used with a base previously synched to another bodypack. **Do not perform the synch operation multiple times. It only needs to be done one time when a new bodypack is used with a new base.**

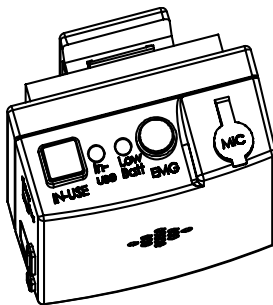
- 1 Turn the bodypack power switch to On.



- 2 Place the bodypack in the cradle of the base with the belt clip facing out.



- 3 The CHARGE light on the base illuminates (green if fully charged, red if charging).
- 4 Press and hold the IN-USE button on the bodypack until the IN-USE light on both the bodypack and the base start to flash. After a few seconds, the IN-USE light will stop flashing, and the bodypack vibrates. Release the IN-USE button.



The bodypack and base are now synched and will continue to be synched until another bodypack is linked to that base.

## 5 Operation



### CAUTION

- Audio is recorded as long as the DVR is recording.
- The wireless microphone and controller can still be on if the DVR is off, and the audio will not be recorded.
- The red EMG panic button is not supported.

To capture audio when the DVR is recording:

- 1 When you turn the bodypack to On, insert into the base for channel matching.
- 2 With the bodypack synched up, remove it from the base and plug in the lapel microphone, if used, (the bodypack has a built-in microphone), and place the bodypack at the officer's discretion.
- 3 To start the audio recording, press the IN-USE button. The IN-USE light illuminates a constant green and the bodypack will vibrate.
- 4 To end recording, press the IN-USE button and the IN-USE light will turn off and the bodypack will vibrate.
- 5 At the end of your shift, turn the bodypack power switch to the Off position and replace it in the charging base.

# 6 Charging

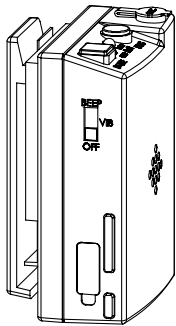
For a full charge, leave the bodypack in the base with the belt clip facing out for 4 hours.

- 1 If the red Low Batt light starts flashing or if the bodypack vibrates, return the bodypack to the base to fully charge the bodypack.  
The CHARGE light illuminates constant green when the unit is fully charged.
- 2 The base stays powered on for four hours after the vehicle ignition is turned off to charge the bodypack.

## Recommendations

### Beep Options

All of the audible beep signals on the bodypack can be enabled by setting the beep switch to the BEEP position.



Note: The switch underneath the flexible cover should be set to M. The switch is for future use

### Out of Range

- 1 If you use the bodypack too far away from the base during recording, the bodypack will vibrate or if beep is enabled, alert you with audible warning beeps (two tones), and the red IN-USE light will blink.
- 2 Move closer to the receiver base and the link will be reestablished once you return to normal range. The IN-USE light will illuminate constant green when the link is back to normal operation.
- 3 If the link is not reestablished within 30 seconds, the bodypack and base will return to standby mode.
- 4 If you went out of range in standby mode, or the unit reverted to standby mode, reenter the normal range and press the IN-USE button. Operation will return to normal.
- 5 If you will be out of range for a long period of time, turn the bodypack off.

### Using Multiple Wireless Systems

The wireless microphone system has 95 possible channels that are really different frequency hopping schemes. Each synchronized base and bodypack will automatically find a clear channel so up to

40 systems can work together in one location depending on other interference problems.

### Potential Sources of Interference

There are many potential sources of interference for your wireless system. Any electronic product that contains digital circuitry including digital signal processors (reverb/multi-effects units), electronic keyboards, digital lighting controllers, CD and DVD players, and computers, all emit RF energy that can adversely affect the performance of your wireless system. It is always best to place the receiver as far away as possible from these devices to minimize potential problems.

The wireless microphone system operates in the 2.4MHz ISM band and other devices in that band may interfere. The spread spectrum technique used in the wireless microphone system is very robust and should operate even in the presence of other 2.4MHz devices such as walkie-talkies, LANs, cordless phones in the area.

### Battery Recommendations

The lithium ion battery built into the bodypack will work at full capacity for over 500 charge cycles. If you notice lower than usual battery life over time, it may be time to replace the bodypack.