

## 6 Falcon HR Operating Modes

The Falcon HR is capable of operating in the following modes:

<b>Stationary ALL</b>	Operation while the patrol vehicle is parked. Capable of capturing speed data from vehicles that are approaching and receding.
<b>Stationary Approaching Only</b>	Operation while the patrol vehicle is parked. Capable of capturing speed data from vehicles that are approaching only.
<b>Stationary Receding Only</b>	Operation while the patrol vehicle is parked. Capable of capturing speed data from vehicles that are receding only.
<b>Moving Opposite Direction</b>	Operation while the patrol vehicle is moving. Capable of capturing speed data from vehicles that are approaching only.
<b>Moving Same Direction</b>	Operation while the patrol vehicle is moving. Capable of capturing speed data from vehicles that are receding only.

## 7 Accuracy Tests

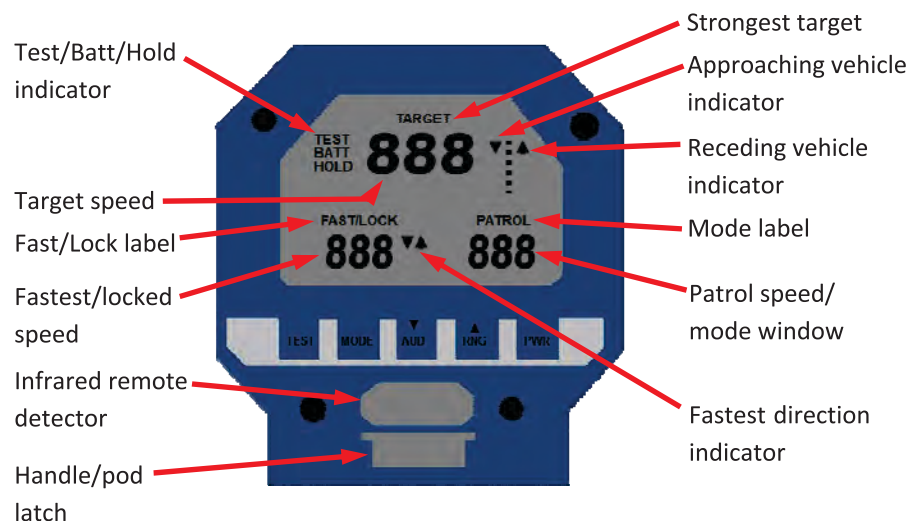
<b>Automatic Self Test</b>	Falcon HR performs an internal accuracy test every five (5) minutes.
<b>Manual Self Test</b>	Press the Test button to run internal accuracy tests.
<b>Tuning Fork Tests</b>	<p>Two tuning forks (one lower speed and one higher speed) are provided to simulate targets in the stationary, moving opposite and moving same direction modes.</p> <ul style="list-style-type: none"><li>• System must be in Test mode to perform tuning fork tests.</li><li>• Stationary test utilizes a single tuning fork.</li><li>• Moving mode test utilizes two tuning forks, one lower speed and one higher speed, to test the system.</li></ul> <p><b>Note:</b> Tuning forks will only be measured in Test mode</p>

# Falcon HR Quick Start Guide

## 1 Get To Know The Falcon HR



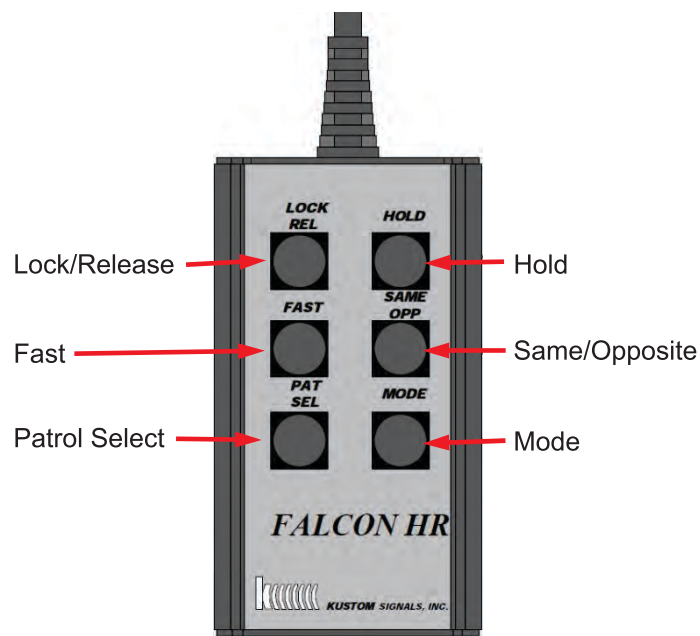
## Display Graphic



## 2 Falcon HR Rear Panel Control Button Locations



## 3 Remote Control



## 4 Falcon HR Control Button Function

Button	Function
	Used to turn the Falcon HR on and off.
	Used to place the Falcon HR in the Range Set "rnG" mode. A secondary function is the incremental up control for audio and range.
	Used to place the Falcon HR in the Audio Set mode. A secondary function is the incremental down control for audio and range.
	Used to navigate through the operational mode loop. The available selections are Stationary "ALL" mode, Stationary Approaching only "APr", and Stationary Receding only "rEc". When moving radar or moving same lane option is purchased, Moving mode is part of the menu rotation.
	Used to place the Falcon HR into test mode. This is indicated by "TEST" appearing on the rear display. This mode allows the Falcon HR to display tuning fork speeds. The internal self test also tests the internal accuracy and illumination of all indicators.
+	Pressing and releasing the Test button followed by pressing and releasing the Mode button will toggle on and off the backlight.
+	Pressing and releasing the Aud button followed by pressing and releasing the Mode button will toggle on and off the audio Doppler squelch.

## 5 Optional Features

### Automatic unlocking of locked speeds

The Falcon HR defaults to not automatically unlocking speeds the officer has locked. If automatic unlocking is required, add 1 to the Options total.

### Track through lock (trigger operation)

The Falcon HR defaults to transmitting for 5 seconds after the trigger is released when locking a target. This allows the target to be tracked after lock during this time. If preferred, the transmitter can be shut off immediately upon trigger release. To select that option, add 2 to the Options total.

Other options are available. Refer to the Falcon HR Operator's Manual (P/N 006-0862-00) for more information