



STALKER 2X

**Two full functioning
direction-sensing radars
in one compact unit**



- NEW DUAL ZONE MODE
- DIRECTION-SENSING TECHNOLOGY
- AUTOMATIC SAME-DIRECTION TRACKING
- STATIONARY DIRECTION CONTROL (CLOSING, GOING AWAY, OR BOTH)
- STRONGEST & FASTER TARGETS DISPLAYED
- REAR TRAFFIC WARNING FEATURE FOR SAFETY

The Stalker 2X
is actually two
independent radar
units operating
on a single,
5-window, multi-
color display.



You asked for it:
the 2X now shows up to 4 front
(or rear) targets in 4 windows.



STALKER® Radar | Lidar

The World Leader in Speed Measurement

1-800-STALKER

StalkerRadar.com

All 4 Target Zones Stationary; Any 2 Target Zones Moving

The most advanced and easiest to use Police Traffic Radar just got better.

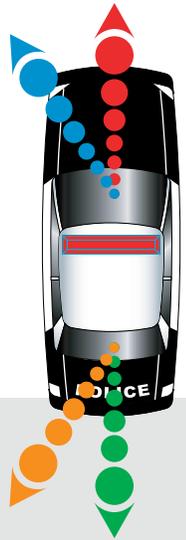
Conventional moving radar can only monitor traffic in one Target Zone. With the Stalker 2X, two moving Target Zones or all four stationary Target Zones can be monitored simultaneously. Stalker 2X is actually two independent radar units operating on a single 5-window display.



The 2X's Dual Zone capability distinguishes it from competitors' moving radars: only the 2X can monitor two zones from a single antenna. With the 2X, an operator can simultaneously monitor front same and front opposite or rear opposite and rear same Target Zones. No other police speed enforcement radar on the market has this feature.

In default moving mode, any combination of one front and one rear Target Zones can be monitored, for example front opposite lane and rear same direction. In Dual Zone moving or stationary mode, both target zones on a single front or rear antenna can be monitored.

In default stationary mode, one up to four Target Zones can be simultaneously monitored.



True Doppler Audio

The audio Doppler tone in opposite-lane operation is generated from the target's actual speed (not closure speed) so the tone always correlates directly to the target's speed – regardless of patrol speed.

Vehicle Speed Sensing (VSS) Operation Is Standard

Connecting the radar to power and VSS has never been simpler. Plug the Stalker CAN/VSS cable into the car's OBD II diagnostic port located under the dash on the driver's side, and you're done. No cables to splice, wire harnesses to find, just simple plug-n-play.

Rear Traffic Alert

Rear Traffic Alert, a proprietary feature of the 2X, is designed to warn the patrol officer of rapidly overtaking same-direction traffic when the patrol vehicle is most vulnerable to rear-end collisions – pulling into traffic from a standing start. If the 2X senses a rapidly approaching vehicle within adjustable speed parameters, it warns the officer with a distinctive alert tone. Rear Traffic Alert is a patent pending Stalker technology.

Read-Thru Lock, With Multi-Colored LEDs

The Stalker 2X allows tracking patrol speed after lock and utilizes three colors (amber, red, and green) to differentiate between the strongest, faster, and patrol speeds.



Removable Counting Unit Display

The display / counting unit is compact enough to be mounted almost anywhere. It measures a mere 5.5" wide x 4.25" deep and only 1.75" tall.

Moreover, the display / counting unit can easily be separated and be mounted independently. The display alone is only 1.125" deep.

Serial Port

The serial RS-232 port can interface with most video cameras, computers, remote readouts, printers, etc. The port interface eliminates the need to route additional cables to the display/ counting unit. (optional cable required)

The Most Sophisticated Ka-Band Antennas

- Faster Target Acquisition
- More Dynamic Range



Waterproof Ka-Band Antenna

The Stalker 2X uses O-ring sealed, Ka-Band antennas. These compact, completely waterproof antennas include locking connectors and can be exterior mounted with no environmental concerns.

Patented, RFI Immune Digital Antennas

The Stalker 2X achieves the industry's longest range by digitizing the Doppler audio signal at the antenna and using a high-speed digital communication link to transmit data between the antenna and the counting unit.

Traditional two-piece radar units send a low-level Doppler audio signal from the antenna to the counting unit for processing and speed display. This method is susceptible to noise induced by the auto ignition and 2-way radio transmissions, which results in reduced range and increased potential for false targets.

By using digital antenna signaling, we've virtually eliminated false signals and improved the range of our products.



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“Faster” Target Locking Is Another STALKER First

Now, an operator has a choice of locking the faster target or stronger target in any Target Zone, including same-direction faster targets.

STALKER 2X

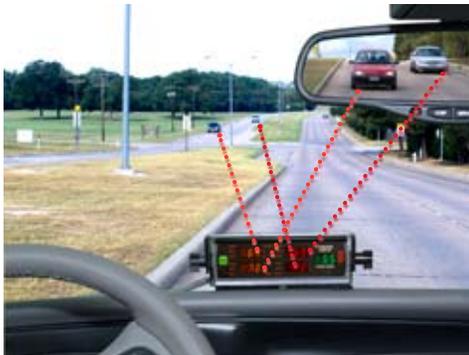


Dramatically Simplifies Moving “Same-Direction” Operation While Automatically Ensuring Accuracy

With direction sensing antennas, the Stalker 2X is able to automatically determine if same-direction vehicles are closing or going away from the radar. This allows the 2X to automatically measure same-direction traffic speeds as simply

and accurately as it does with opposite-direction traffic. No longer does the operator need to tell the radar if same-direction traffic is faster or slower than the patrol vehicle. The Stalker 2X makes same-direction operation simple, accurate, and automatic. Plus, Stalker Radar’s new Dual Zone technology takes full advantage of the Stalker 2X antennas’ direction-sensing ability as well as fully utilizing the radar’s display to present speed data simultaneously on up to four targets.

A Giant Leap in the Effectiveness of Stationary Operation



The direction sensing ability of the Stalker 2X allows the operator to select a specific direction of traffic to monitor. The 2X can measure closing targets while automatically ignoring vehicles that are going away—even if the target moving away is closer than a distant closing target.

Imagine the typical situation where you wish to measure closing vehicles at a lengthy distance on a two-lane road. Just when a distant car enters the picture, a truck passes by your location heading away from you (and towards the approaching car). A conventional radar would display the truck’s speed until it is out of the area—and you could not measure the closing car’s speed. The 2X is able to completely ignore the truck because it is traveling away from the radar, thereby being able to clock the closing vehicle—even though it is still distant. The Stalker 2X makes stationary operation very useful and highly effective in all locations.

Provides Voice Verification of the Antenna, Radar Mode, and Direction

Whenever a target is locked, the Stalker 2X audibly tells the operator WHICH antenna is in use (front or rear), what MODE the radar is operating in (moving or stationary), and the DIRECTION (opposite or same direction) the vehicle is traveling. This added step assists the operator in ensuring accuracy every time.

Your Choice of Two Full-Function Remotes

■ Fast-Lock Remote

This remote is designed for departments that require Fast Lock operation and normally operate in constant transmit mode.

■ Instant-On Remote

This remote is designed for departments that do not require Fast Lock operation but routinely use the “instant-on” feature. A dedicated XMIT/HOLD key provides instant transmitter ON/OFF operation.



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STALKER 2X

Your Choice of Two Full-Function Remote Controls

The Stalker 2X uses automation to reduce officer distraction caused by remote control use. Set-and-Forget Operation: Just select the two Target Zones you want to monitor and put the remote down. You simultaneously monitor four targets (strongest and faster in each zone) without touching the remote.

Strong target locking and Faster target locking in all Target Zones is standard with the Fast-Lock Remote, while Strong target locking is standard with the Instant-On Remote.

Other remote control features include tactile feedback keys, an ergonomically contoured body, amber backlit keys for night use, and omni-directional infrared operation that eliminates the need to point the remote.

Optional Waterproof Components

The Stalker's 2X waterproof components are durable, accurate products for continuous duty in the worst conditions. A full selection of brackets, mounts and cables are available. Contact us for a Stalker Motorcycle Components brochure or go to StalkerRadar.com for more information.



MOV/STA Toggles between moving and stationary modes.

START/STOP In Stopwatch mode, starts and stops the internal timer.

OPP (Front & Rear) Turns on the front or rear transmitter (if in hold) and directly selects an Opposite Direction Target Zone.

HOLD Press for 1/2 second to place the associated antenna into hold (standby) mode.

Strg Lk/Rel or LK/REL Locks strong targets and releases a locked strong target.

Fast Lk/Rel Locks faster targets and releases a locked faster target.

VOLUME Used with the \uparrow and \downarrow keys to adjust the Doppler volume, the Beep volume, and the Voice lock volume.

LIGHT A single press activates the remote control backlight for six (6) seconds and each additional press toggles the display intensity through six levels of brightness and auto.



Fast-Lock Remote
This remote is designed for departments that require Fast Lock operation and normally operate in constant transmit mode.



Instant-On Remote
This remote is designed for departments that do not require Fast Lock operation but routinely use the "instant-on" feature. A dedicated XMIT/HOLD key provides instant transmitter ON/OFF operation.

XMIT Turns the associated antenna on and selects the previous Target Zone.

HOLD Instantly places the associated antenna into hold (standby) mode.

SAME (Front & Rear) Turns on the front or rear transmitter (if in hold) and directly selects a Same Direction Target Zone.

MENU Press and release the Menu key to enter the Operator Menu system allowing the \uparrow and \downarrow keys to change the operator settings.

Press and hold the Menu key turns on the Dual Zone mode.

PS BLANK An incorrect patrol speed can be blanked and reacquired or, after a target lock, the patrol speed can be blanked and restored.

TEST Initiates a diagnostic check on the display unit, counting unit, and both antennas.

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The World Leader in Speed Measurement

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