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Sound of Tri-State 5X05

Directed 5X05 Brain Only Replacement Module

Model: **5X05** | Brand: **Sound of Tri-State**

PRODUCT OVERVIEW

The Directed 5X05 is a replacement control module, often referred to as the "brain," for various Directed Electronics vehicle security and remote start systems. This module is designed to replace a faulty or damaged original 5X05 unit in compatible systems, restoring full functionality.

It is compatible with specific models including Viper 5305V, 5105V; Clifford 5305X, 5105X; Avital 5305L, 5105L; and Automate 5305A, 5105A. This product includes only the 5X05 brain module and a Viper sticker. It does not come with installation instructions, wiring harnesses, wiring diagrams, or remote controls.



Image: The Directed 5X05 brain module shown from multiple angles, alongside a separate Viper brand sticker. The module is a compact black box with various ports for connectors.

IMPORTANT SAFETY INFORMATION

WARNING:

- Installation of this product requires specialized knowledge of automotive electrical systems and vehicle

security systems.

- **Professional installation is mandatory.** Attempting to install this module without proper training and tools can result in damage to the vehicle's electrical system, the module itself, or personal injury.
- Always disconnect the vehicle's battery before beginning any electrical work.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- Refer to the specific wiring diagrams for your vehicle and the complete security system (not included with this brain module) for correct installation procedures.

WHAT'S INCLUDED

The Directed 5X05 package contains the following components:

- One (1) Directed 5X05 Brain Module
- One (1) Viper Sticker

Please note: This product does not include wiring harnesses, remote controls, installation manuals, or wiring diagrams. These components are typically part of the complete security system kit or must be sourced separately.

SETUP AND INSTALLATION

As stated previously, the installation of the Directed 5X05 brain module requires professional expertise. This section provides a general overview of the installation process and key considerations.

Pre-Installation Checks:

1. **Verify Compatibility:** Confirm that your existing security system is one of the compatible models (Viper 5305V/5105V, Clifford 5305X/5105X, Avital 5305L/5105L, Automate 5305A/5105A).
2. **Gather Necessary Tools and Diagrams:** Ensure you have access to the original system's wiring diagrams, appropriate automotive electrical tools, and any required connectors or wiring.
3. **Disconnect Power:** Always disconnect the vehicle's negative battery terminal before starting any electrical work to prevent accidental short circuits or damage.

Installation Steps (General):

1. **Locate Existing Module:** Identify the location of the original 5X05 brain module within your vehicle. This is typically under the dashboard or in a hidden compartment.
2. **Disconnect Old Module:** Carefully disconnect all wiring harnesses from the old 5X05 module. Note the orientation and connection points if not clearly marked.
3. **Connect New Module:** Connect the existing wiring harnesses to the corresponding ports on the new Directed 5X05 brain module. Ensure all connections are firm and correctly seated.
4. **Secure Module:** Mount the new module securely in its intended location, preventing it from rattling or being damaged by vibrations.
5. **Reconnect Power:** Reconnect the vehicle's negative battery terminal.
6. **Test System:** Perform a comprehensive test of all security system functions, including arming, disarming, remote start (if applicable), and sensor responses, to ensure proper operation.



Image: A close-up view of the Directed 5X05 brain module, showing the various multi-pin connectors on one side, including red, white, and black ports, and a larger beige connector.



Image: Another close-up of the Directed 5X05 brain module, displaying a different set of connectors on an adjacent side, primarily white and a large beige multi-pin connector.

OPERATING THE 5X05 BRAIN MODULE

The 5X05 brain module is the central processing unit for your vehicle's security and remote start system. It does not have user-operable controls directly on the unit itself. Its operation is entirely dependent on the commands received from your system's remote controls, sensors, and vehicle interfaces.

Once properly installed and integrated into the complete system, the 5X05 module processes signals for:

- Arming and disarming the security system.
- Triggering alarms based on sensor input (e.g., shock, door open, ignition).
- Executing remote start and keyless entry commands.
- Managing vehicle functions integrated with the system.

For instructions on how to operate your specific security or remote start system, refer to the user manual provided with your complete system (e.g., Viper 5305V, Clifford 5305X, etc.).

MAINTENANCE

The Directed 5X05 brain module is designed for long-term, maintenance-free operation once properly installed. However, following these general guidelines can help ensure its longevity:

- **Keep Dry:** Ensure the module is installed in a location free from moisture, water, or excessive humidity. Water damage can severely impair electronic components.
- **Avoid Extreme Temperatures:** While designed for automotive environments, prolonged exposure to extreme heat or cold beyond typical vehicle operating conditions can affect performance.
- **Secure Mounting:** Verify that the module remains securely mounted and does not vibrate excessively, which could loosen connections or damage internal components.
- **Cleanliness:** Keep the area around the module free from dust and debris. Do not attempt to open the module casing for cleaning.



Image: A top-down view of the Directed 5X05 brain module, showing its compact, rectangular black casing with the "5X05" designation molded into the plastic.

TROUBLESHOOTING

If your vehicle security or remote start system experiences issues after replacing the 5X05 brain module, consider the following general troubleshooting steps. Due to the complexity of automotive electronics, professional diagnosis is highly recommended for persistent problems.

- **No System Response:**

- Check all wiring connections to the 5X05 module to ensure they are secure and correctly seated.
- Verify the vehicle's battery is fully charged and properly connected.
- Ensure the system's main fuse (if applicable) is intact.

- **Partial System Functionality:**

- This could indicate an issue with a specific sensor, relay, or wiring harness. Consult the full system's wiring diagram to trace the affected circuit.
- Ensure the remote controls are properly programmed to the new brain module (refer to your system's remote programming instructions).

- **Alarm Triggers Randomly:**

- Check for faulty sensors or improper sensor adjustments (e.g., shock sensor sensitivity).
- Inspect wiring for any shorts or intermittent connections.

Important: Do not attempt to repair the internal components of the 5X05 module. If the module is determined to be faulty after professional diagnosis, it should be replaced.

SPECIFICATIONS

Feature	Detail
Model Number	5X05
Compatibility	Viper 5305V, 5105V; Clifford 5305X, 5105X; Avital 5305L, 5105L; Automate 5305A, 5105A
Manufacturer	Directed Electronics Inc.
Brand	Sound of Tri-State
Part Type	Replacement Control Module (Brain)
Remote Control Included	No
Installation Instructions Included	No (Professional installation required)

WARRANTY AND SUPPORT

This Directed 5X05 brain module is sold by Sound of Tri-State Inc. For specific warranty information regarding this replacement part, please refer to the terms and conditions provided by the seller at the time of purchase, or contact Sound of Tri-State Inc. directly.

As this is a replacement component requiring professional installation, warranty claims typically require proof of professional installation.

For technical support related to the integration of this module with your existing Directed Electronics system, it is recommended to consult with a certified automotive electronics installer or the original manufacturer's technical resources for the complete system.

You can visit the [Sound of Tri-State Store on Amazon](#) for more information or to contact the seller.