

## Firstech FT-CMX-HC

# Firstech FT-CMX-HC Remote Start and Alarm System User Manual

Model: FT-CMX-HC | Brand: Firstech

## INTRODUCTION

The Firstech FT-CMX-HC is a next-generation hardware module designed for flexible integration into vehicle security and remote start systems. It supports configurations for security, remote start, or a combined system. Featuring an upgraded 32-bit ARM processor and 256kb flash storage, the CMX offers enhanced programmability, event tracking, and operational speed. This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your FT-CMX-HC system.

## SETUP AND INSTALLATION

The FT-CMX-HC module is designed for professional installation due to its integration with vehicle electrical systems. It is compatible with various Firstech accessories for universal applications.

### Key Components for Installation:

- **Blade Ready:** The system is "Blade Ready," indicating compatibility with Blade bypass modules for vehicle integration.
- **FTI T-Harnesses:** For remote start applications, FTI T-Harnesses are supported to simplify installation.
- **ALARMIT:** For enhanced security features, the ALARMIT accessory can be integrated.
- **Compatible Devices:** The system is compatible with Firstech remote kits, Firstech accessories, and DroneMobile.



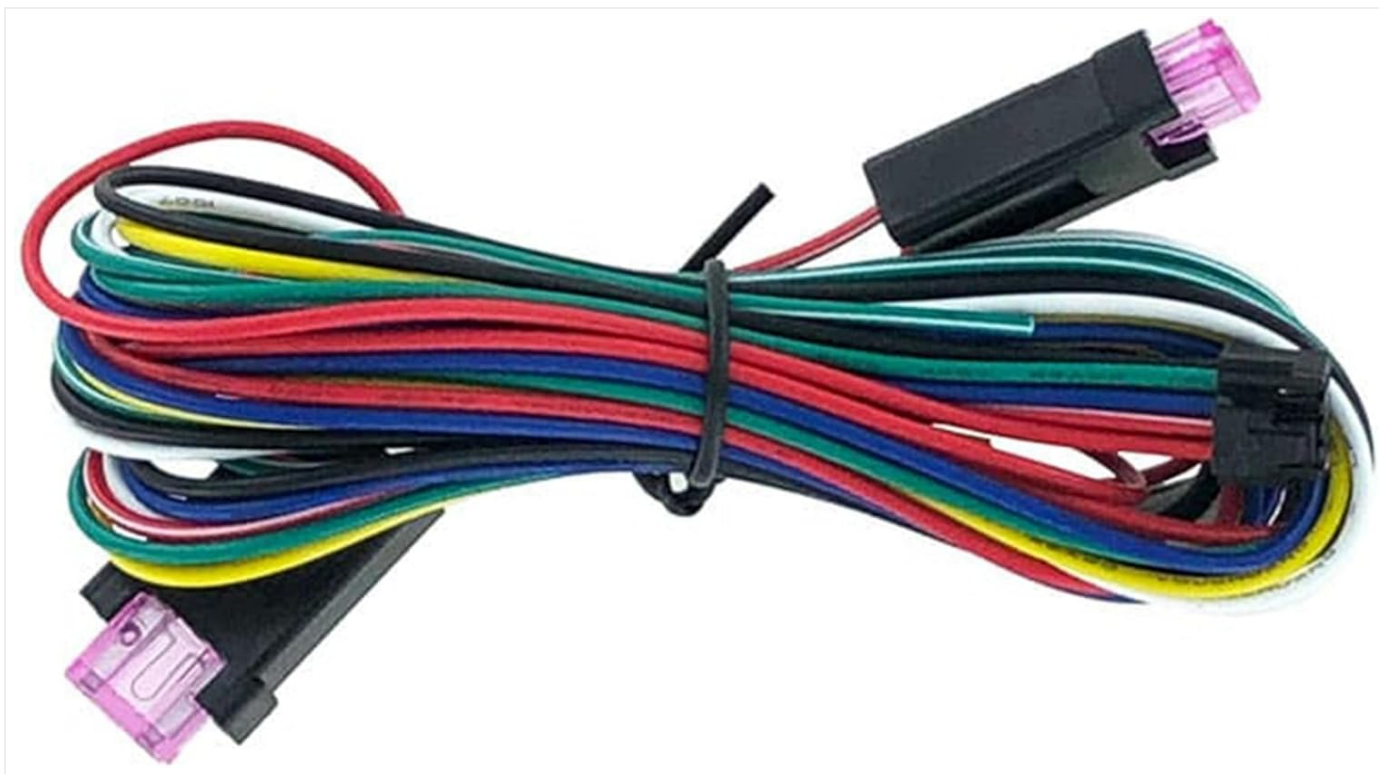


Image: A multi-colored wiring harness, typically used for connecting the FT-CMX-HC module to the vehicle's electrical system.





Image: A vehicle hood pin switch, a common component for alarm systems to detect unauthorized hood opening.

## OPERATING INSTRUCTIONS

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The FT-CMX-HC system is controlled primarily via a remote. Specific operational procedures will depend on the Firstech remote kit paired with your module and any integrated DroneMobile services.

### Remote Start Functionality:

- Refer to your specific Firstech remote's user guide for detailed instructions on initiating remote start sequences.
- Ensure the vehicle is in a safe, parked position before attempting remote start.

### Alarm System Functionality:

- The system features a "Motion Only" alert type, detecting movement or impact.
- Arming and disarming procedures are typically performed using the paired Firstech remote.
- For advanced security features and notifications, integrate with DroneMobile services.



Image: A close-up view of the Firstech FT-CMX-HC module, showing its compact design and connection ports.

## MAINTENANCE AND CARE

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The FT-CMX-HC module is designed for durability and requires minimal maintenance.

- **Cleaning:** Keep the module free from dust and debris. Use a soft, dry cloth for cleaning. Avoid liquid cleaners directly on the unit.
- **Power Source:** The unit operates on corded electric power and does not require internal batteries.
- **Environmental Conditions:** Ensure the module is installed in a location protected from extreme temperatures and moisture, as per professional installation guidelines.

## TROUBLESHOOTING

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If you encounter issues with your FT-CMX-HC system, consider the following common troubleshooting steps:

- **System Not Responding:**
  - Verify all power connections are secure.
  - Check the vehicle's battery voltage.
  - Ensure the paired remote control has functional batteries.
- **Remote Start Failure:**
  - Confirm the vehicle is in a proper state for remote start (e.g., doors closed, hood closed, transmission in park).
  - Check for any active diagnostic trouble codes in the vehicle.
- **Alarm Malfunctions:**
  - Ensure all sensors (e.g., hood pin switch) are correctly installed and functioning.
  - Check for any loose wiring or damaged components.
- **Reprogramming Requirement:**

In some cases, the module may require reprogramming, especially after vehicle battery disconnections or system updates. This typically requires specialized tools and knowledge, and it is recommended to contact a certified Firstech installer for assistance.

For persistent issues, consult a professional installer or Firstech technical support.

SPECIFICATIONS

Feature	Detail
Brand	Firstech
Model Number	FT-CMX-HC
Color	Black
Power Source	Corded Electric
Compatible Devices	Firstech remote kits, Firstech accessories, DroneMobile
Item Dimensions (L x W x H)	6.5 x 5.5 x 2 inches
Connectivity Technology	Wired
Alert Type	Motion Only
Item Weight	1 pound (16 Ounces)
Control Method	Remote
Recommended Uses	Home Security ( <i>Note: Product is primarily for vehicle security/remote start</i> )
UPC	840127700601
Manufacturer	Firstech
Batteries Required?	No

*Note: The "Recommended Uses For Product: Home Security" specification appears to be a general categorization and may not fully reflect the primary automotive application of this device.*



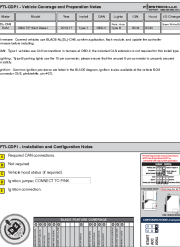

WARRANTY AND SUPPORT

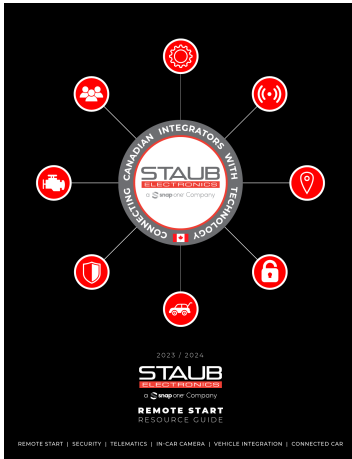
For warranty information and technical support, please contact Firstech directly or refer to their official website. Professional installation is highly recommended for this product, and installers can often provide direct support for installation-related queries.

**Manufacturer:** Firstech



Related Documents

	<p><a href="#">Firstech CM4200-DX &amp; CM5200 Installation Manual</a></p> <p>Comprehensive installation manual for Firstech CM4200-DX and CM5200 remote start control modules. Covers installation, programming, wiring, and troubleshooting for experienced technicians.</p>
	<p><a href="#">Firstech CM7000 Master Guide: Installation and Operation</a></p> <p>Comprehensive master guide for the Firstech CM7000 alarm and remote start security system, detailing installation, programming, and features for experienced technicians.</p>
	<p><a href="#">FTI-CDP1 Vehicle Coverage and Installation Guide for RAM 3500 TIP Start Diesel (2013-17)</a></p> <p>Comprehensive installation and configuration guide for the FTI-CDP1 module on 2013-2017 RAM 3500 TIP Start Diesel vehicles. Includes wiring diagrams, programming procedures, and takeover instructions.</p>
	<p><a href="#">Firstech FT-DC3-LC Remote Start Module Product Guide</a></p> <p>Comprehensive product guide for the Firstech FT-DC3-LC remote start module, covering installation, programming, diagnostics, and troubleshooting. Learn about compatible accessories and online settings.</p>



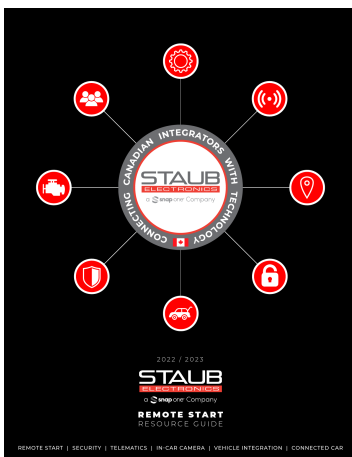
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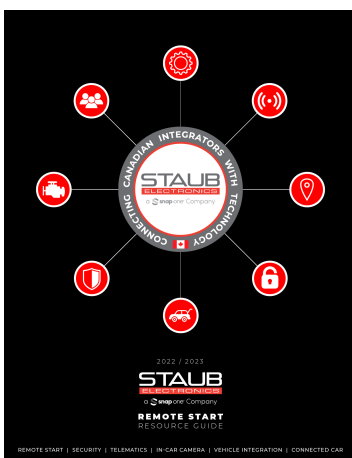
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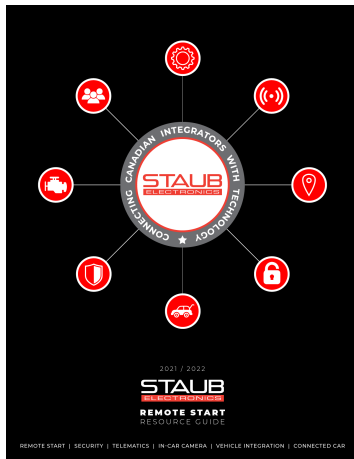
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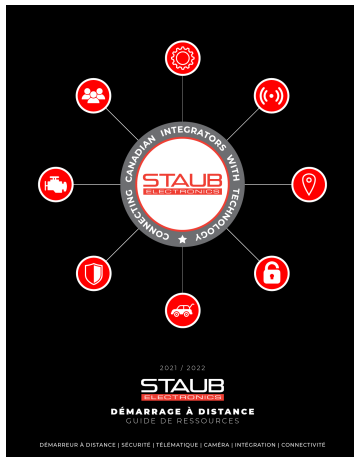
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Explore the comprehensive 2022 Company Catalog from Firstech, featuring innovative remote start systems, advanced vehicle security, telematics, in-car cameras, and seamless integration solutions from brands like Compustar, DroneMobile, and iDataStart.

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