smartcontrol

COMPLETE INSTALLATION & PROGRAMMING GUIDE

MMCARFK2002 Digital RF Kit system

Mitsubishi Motor Sales of Canada, Inc.

This system must be installed by a professional.

NOTICE
The manufacturer will accept no responsability for any electrical damage resulting from improper installation of this product, be that either damage to the vehicle itself or to the installed device. This device must be installed by a certified technician. Please review the Installation Guide carefully before beginning any work.

XTX-3000

TX-5100-LR

IVU-CAB-4W

HRN-CRF-02

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⚠️ CREATE AN ACCOUNT

Before begining the installation and setting the configurations of a Connected SmartControl system, we strongly recommend downloading the Application from the App store and create a user account.

a. Go to the App store (Apple) or Play store (Android) and Search for "SmartControl".
b. Download and install the Free Application.
c. Launch the newly installed SmartControl Application on your smartphone or tablet
d. Click "Create an Account"
e. Fill in all the required fields
f. Once done, Log into the Application using your email and your newly created password.

System LED Status & Protocol Reference Chart

LED Status	Protocol		
	Name	inside Application	inside Remote Starter
1x Flash	SmartControl RF protocol	SmartControl RF	IDPP
2x Flashes	Directed protocol	SMARTSTART	SMARTSTART
3x Flashes	ADS Telematics protocol	ADS TEL	ADS TEL or DRONE
4x Flashes	N/A	N/A	N/A
5x Flashes	Compustar	Drone	Drone
6x Flashes	Posse protocol	Voxx Tel	Voxx Tel

Protocol flashing diagnostics via APP

Step1: App sends command to set protocol
Step2: App received confirmation from the antenna
Step3: App sends special query to validate the protocol
Step4: N/A
Step5: N/A
Step6: App received a confirmation that the protocol is working

Factory reset diagnostics via APP

Step1: App sends command to erase all transmitter.
Step2: App received confirmation from the antenna
Step3: App sends command to erase protocol
Step4: N/A
Step5: Confirmation that protocol is erased -> Erase all user ID -> Antenna reboots -> Restore connection
Step6: App and Antenna has successfully re-established connection

Reset Procedure via antenna

1 - Disconnect the main harness from the Antenna.
2 - **Press and Hold** the top programming button on the antenna while connecting the 4 pin connector - On power up there will be a quick Red and White LED blink.
3 - Keep holding the programming button for a few seconds until the Red LED flashes rapidly, then **Release** the top programming button.
4 - The White LED will flash slowly. Reset procedure is complete.

smartcontrol INSTALLATION, WIRING & PROGRAMMING GUIDE

PARTS REQUIRED FOR INSTALLATION OF : MMCARFK2002

XTX-3000	IVU-CAB-4W	MMCAHCXMI1 or MI2 or MI3 (Sold Separately)	

STEP 1. CONFIGURE THE REMOTE STARTER

The ADS Weblink (ADS-USB) is required to properly configure the MMCAHCXMI1 or MI2 or MI3 remote starter to accept the RF kit system. When flashing the MMCAHCXMI1 or MI2 or MI3 remote starter, please follow this procedure in order to configure correctly your remote starter.

a. Go to mitsubishi.idatalink.com and click on "Flash your starter"	**Flash your starter**
b. Choose vehicle Make, Year, Model, Trim.	Select Make
c. In the "Remotes Configuration" section, Select "Mitsubishi" in the dropdown selection and then choose "MMCARFKxxxx".	MMCARFK5000
d. In the "Telematics Device" section, Set the Switch to "On" and Choose "MYCAR".	SELECT TELEMATICS DEVICE
e. This will load a firmware starting with:	"IDPP-XX(XX)-XXX (X.X)"
f. Click "Flash your device"	Ready to flash
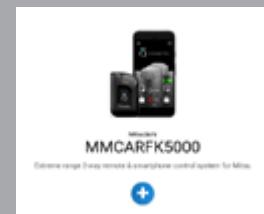
STEP 2. CONNECT

Installation:
Place antenna 3 inches
(minimum) from any obstructions

Orientation: Vertical; antenna
facing downwards (as seen in
diagram)

Antenna: Cord length 9 feet
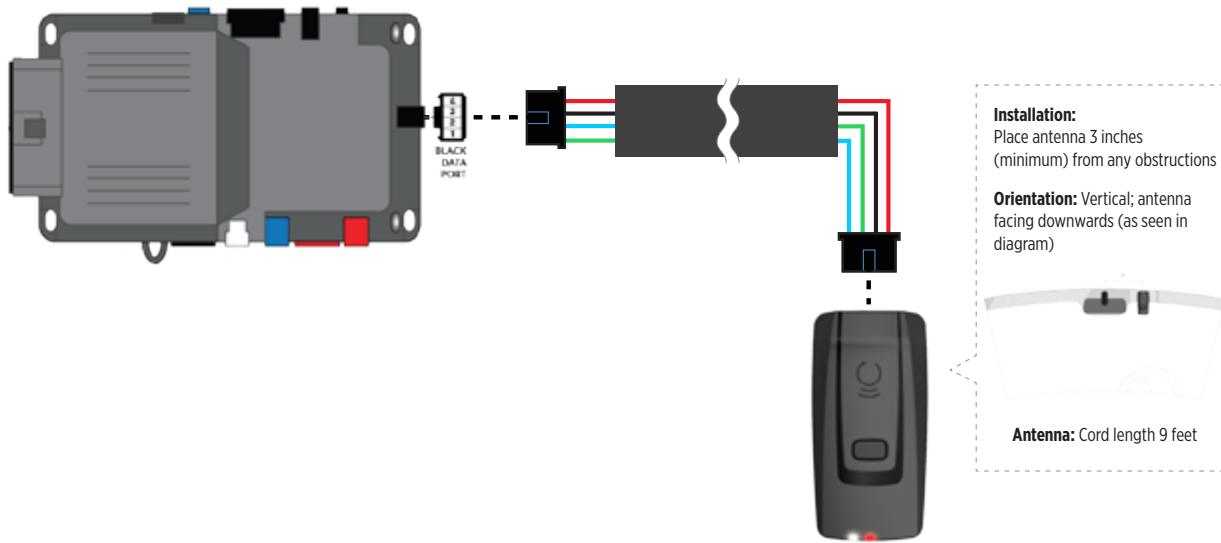
STEP 3. PROTOCOL SETTING PROCEDURE

3A. APP SETTING PROCEDURE	3B. MANUAL SETTING PROCEDURE
a. Download the App and Log into your account (see page 3 of this document for details) b. Before adding a system to your device, ensure the remote starter **IS NOT armed/locked or in Valet mode.** c. From the main menu screen, select either "**QR Code**" or "**Antenna near me**". This will allow you to temporarily add and configure your customers system inside your personal account. A system refers to the Antenna being installed in the windsheild of the vehicle. d. If prompted, follow the on-screen instructions for configuring the protocol of the system.	**a. Press and Hold** the top programming button on the antenna while connecting the 4 pin connector - On power up there will be a quick Red and White LED blink. b. Keep holding the programming button for a few seconds until the Red LED flashes rapidly, then **RELEASE** the top programming button. c. Then the White LED will flash slowly. This will initiate the Manual Protocol Setting Procedure. **d. Press and Release** the top programming button on the antenna to make your selection as indicated below in the LED Flash chart. f. Once the correct selection is made, **PRESS AND HOLD** the top programming button until the White LED turns solid for 2 seconds.

LED FLASH CHART
1. 1x flash = SmartControl RF 2. 2x flashes = Directed 3. 3x flashes = ADS Telematics 4. 4x flashes = N/A 5. 5x flashes = Compustar 6. 6x flashes = Voxx Telematics

STEP 4. TRANSMITTER LEARNING PROCEDURE

NOTE: The transmitters and antenna included in the kit has already been pre-paired together at factory.	
4A. APP LEARNING PROCEDURE	**4B. MANUAL LEARNING PROCEDURE**
a. Tap the Bluetooth connection icon inside the main control panel. (See image 1 below) b. Tap "Learn Transmitter" and follow the on screen prompt.	a. Cycle the Ignition of the vehicle 5x On/Off within 10 seconds ending on the On position on the 5th cycle. b. The RED LED will turn solid. During this time, **Press and Release** the top button of the transmitter to be learned to the system. c. The RED LED will blink to show a transmitter has been learned. d. Repeat this process for all transmitters. (Note: a maximum of 2x transmitters can be programmed per system.) f. Once the transmitters has been learned, cycle the Ignition of the vehicle to the Off position. g. Programming is complete. (Note: Adding a third transmitter will erase first transmitter entered in the system).

STEP 5. TESTING THE SYSTEM

When the system is fully configured, testing can begin. First test all functions using the remote (Start, Stop, Lock, Unlock, Auxiliaries, Etc.). Then, using the SmartControl App test all functions (Start, Stop, Lock, Unlock, Auxiliaries, Etc.) When testing is completed, tap on the "installer icon" on the side of the control screen. When prompted Click "Yes, and delete system from account" since this is the installer mode and not the End User mode. This will make the system "Ready for Customer Delivery".

Also make sure that the Owners Card is handed to the Owner of the vehicle or attached to the vehicle keychain. Doing this will ensure that the instructions on how to setup their App, Account and add the System is done correctly.

NOTE : UNDER ANY CIRCUMSTANCES, PLEASE DO NOT REMOVE THE QR CODE FROM THE ANTENNA!

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