COMPUSTAR 2WQ9R-FM 2-Way Remote User Manual

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COMPUSTAR 2WQ9R-FM 2-Way Remote User Manual

COMPUSTAR 2WQ9R-FM 2-Way Remote

Model Name	FCC ID	IC Number
2WQ9R-FM	VA5RCL300-2WFX	7087A-2WRCL300FX
ANT-2WFMX	VA5JA1000-2WFX	7087A-2WA1000FX

WARNING

It is the responsibility of the vehicle operator to ensure that their vehicle is parked in a safe and responsible manner.

1. When leaving the vehicle, it is the user's responsibility to ensure that the gearshift lever is in "Park" in order to avoid accidents upon remote starting. (Note: Make sure that the automatic vehicle cannot star in "Drive".)
2. It is the user's responsibility to ensure that the remote starter is disabled or put into valet mode before servicing.

FCC COMPLIANCE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. T his device may not caus e harmful interference
2. T his device must accept any interference received, including interference that may cause undesired operation.

CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

IC COMPLIANCE

This device
contains licence exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada s licence exempt RSS(s).
Operation is subject to the following two conditions:

1. T his device may not cause interference
2. T his device must accept any interference, including interference that may cause undesired operation of the device.

Radiation Exposure Statement

This device complies with FCC radiation exposure limit set forth for an uncontrolled environment.
For ANT 2W FMX : This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

RF Specification

2WQ9R FM : 433.92 / FSK
ANT 2W FMX : 433.92 / FSK

Introduction

Thank you for purchasing a Fritsch system for your vehicle. Please take a minute to review this entire manual. Note that this manual applies to the 2 Way 5 Button Liquid Crystal Display Remote (2WQ9R-FM) whether you purchased the ALARM IT, START IT, or MAX IT system. There are certain features listed in this manual that may not be available for your system. There may also be features listed in this manual that require additional installation or programming before they are active.
If you have any questions or concerns please contact the original place of purchase. For further information you may also contact our customer support center at 888-820-3690.

Warranty Coverage

Caution: The Manufacturer's warranty will be voided if this product is installed by anyone other than an Authorized Firstech dealer. For complete warranty details visit www.compustar.com or the last page of this manual. Firstech remotes carry a 1 year warranty from original date of purchase. Warranty registration can be complete d online by visiting www.compustar.com . Please complete the registration form within 10 days of purchase. We do not include a mail in warranty registration card
with each unit registration must be done online. To verify that an authorized dealer installed your system, we highly recommend that you keep a copy of the original proof of purchase, such as the
dealer invoice in a safe place.

Quick Reference

Remote Maintenance – Battery Replacement

The only regular maintenance this system requires is remote control battery replacement. No programming is required when replacing the battery. Turn the remote over and unlock the battery cover by sliding the black button push. Slide the battery cover off, revealing the AAA battery. IMPORTANT: Be sure to observe correct polarity when installing the battery.

2 Way Remote Button Functions

Button	Duration	Description

	Short(0.5 sec)	Locks doors and if equipped, arms the alarm.
ENGINE START STOP	Double	Unlocks doors and if equipped, disarms the alarm.
	Long(2.5 sec)	Holding this button will start your vehicle. Repeat and this will shut your vehicle down.
F	Short(0.5 sec)	Car Check (updates vehicle status on remote pager) / Secure Auxiliary / Temperature Display / Vehicle Voltage Display / Remote Voltage Display
	Double	Accesses Remote Menu (Passive arming, Alert mode, etc) See Remote Menu Table for details.
	Short(0.5 sec)	Locks doors and if equipped, arms the alarm.
	Double	Used as Auxiliary 1 and Sliding door right, Defrost function according to the setting of AUX 1 Config in the remote menu. Not available when set to OFF in AUX 1 Config of the remote menu.
	Long(2.5 sec)	Panic/vehicle locater (flashes vehicle's parking lights and sounds siren and horn).
	Short(0.5 sec)	Unlocks doors and if equipped, disarms the alarm.
	Double	Used as Auxiliary 2 and Sliding door left, Head lights function according to the setting of AUX 2 Config in the remote menu. Not available when set to OFF in AUX 2 Config of the remote menu.
	Long(2.5 sec)	Run time extender. Resets the run time for Turbo Timer or Remote Start.

	Short(0.5 sec)	LCD View
	Long(2.5 sec)	Trunk release. Triggers the trunk release output and opens the vehicle's trunk.
	Long(2.5 sec)	Option programming menu 1. For use during installation.
	Long(2.5 sec)	Option programming menu 2. For use during installation.

Function Button Menu

Button	Duration	Description
	Double	Enter remote menu
	Long(2.5 sec)	Exit remote menu
	Short(0.5 sec)	Remote menu selection and operation.
	Short(0.5 sec)	Move to the up of the remote menu
	Short(0.5 sec)	Move to the down of the remote menu

Remote Option Menu Table

Feature	Select	Function / Description
Passive arming	Passive on Passive off	Passive arming On/Off
Alert mode	Full Half	Sets your remote for Alarm or Starter Only systems. Set to FULL for ALARM IT and MAX IT features. Set to HALF for START IT ONLY systems.
Valet mode	Valet on Valet off	Valet mode On/Off
AUX 1 config	AUX 1 off AUX 1 Sliding door R	Used as Auxiliary 1 and Sliding door right, Defrost function according to the setting of AUX 1 Config in the remote menu.
AUX 2 config	AUX 2 off AUX 2 Sliding door L	Used as Auxiliary 2 and Sliding door left, Head lights function according to the setting of AUX 2 Config in the remote menu.
AUX Mode	AUX mode off AUX mode on	Turns your Auxiliary Extender feature on or off.
Language	English Français Español	Changes LCD display language from English to French or Spanish.
Temperature	Temperature °F Temperature °C	Changes the temperature readout from Fahrenheit to Celsius. If the temperature setting is set to off, the temperature is not displayed.
Turbo timer	Tourbo timer on Tourbo timer off	Turbo On/Off

Sound/Vibration	Sound 3 Sound 2 Sound 1 Vibration	Turns the silent mode on or off. Adjust the volume of your remote. 1 is the lowest. 3 is the highest.
Screen timeout	Screen timeout 8sec. Screen timeout 4sec.	Adjusts the time your LCD will stay on after a button is pressed.
Timer start	Timer start on Timer start off	Timer Start On/Off
Drive lock	Drive lock on Drive lock off	Drive Lock On/Off
2nd car mode	2nd car on 2nd car off	2nd Car Mode On/Off
Shock sensor	Shock on Shock off	Shock sensor On/Off
Siren	Siren on Siren off	Siren On/Off

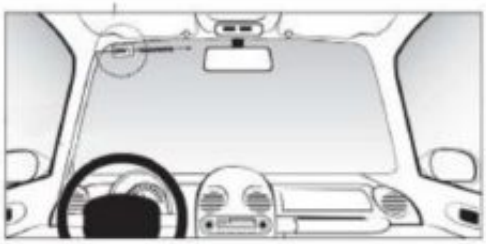
Auxiliary Extender Button Table

Button	Duration	Description
	Short(0.5 sec)	Auxiliary 1
	Short(0.5 sec)	Auxiliary 2
	Short(0.5 sec)	Auxiliary 3
	Short(0.5 sec)	Auxiliary 4
	Long(2.5 sec)	Auxiliary 5
	Long(2.5 sec)	Auxiliary 6
	Long(2.5 sec)	Auxiliary 7

Description of antenna module installation position

<< Antenna Module >>

<< Harness >>



<< Installation of Antenna Module >>

Note: Use the power of car battery(+12volts). The Antenna module have been calibrated for horizontal installation at the left-top corner of the windshield.

Remote Coding / Programming Routine

IMPORTANT: Every Firstech remote must be coded to the system prior to performing any operations. All remotes must be coded at the same time.

Programming Remotes:

STEP 1: Activate Valet/Programming mode by manually turning the ignition key on and off (between the Acc & On positions) five times within 10 seconds. The vehicle's parking lights will flash once with the successful completion of this step.
STEP 2: Within 2 seconds after cycling the ignition for the 5th time, tap the Lock button on 2 way remotes or the (lock) button on 1 way remotes for a half second. The parking lights will flash once to confirm the transmitter has been coded.

Exiting Programming:

Programming is a timed sequence. The parking lights will flash twice signaling the end of programming mode.
Programming Multiple Remotes: After the confirmation flash given in step 2, code additional remotes by pressing button (I) on 2 way remotes or the (lock) button on 1 way remotes. The parking lights will flash once confirming each additional remote. All compatible systems can recognize up to 4 remotes.

Remote Start Error Diagnostic

If the remote start fails to start the vehicle, the parking lights will flash three times immediately. Following those three flashes the parking lights will flash again corresponding to the error table.

Number of Parking Light Flashes	Remote Start Error
1	Motor running or must first program tach
2	Key in ignition on position
3	Door open (manual transmission only)
4	Trunk open
5	Foot brake on
6	Hood open
7	Reservation off (manual transmission only)
8	Tach or tachless sensing failure
9	FT-DAS sensor shutdown
10	System is in Valet Mode

We recommend that you do not attempt any repairs on your remote starter. Contact your dealer or call us directly.

Remote Start Shutdown Error Codes

If the remote start sequence has been completed and the vehicle shuts down, the vehicle's parking lights will flash 4 times, pause then flash again with the error code. Tap button 4 on 2 Way remotes to initiate the shutdown error codes. On 1 Way remotes hold the Trunk and Start buttons together for 2.5 seconds.

Number of Parking Light

Flashes	Remote Start Shutdown Error
1	Lost engine sensing signal
2	Lost emergency brake signal
3	Foot brake triggered
4	Hood pin triggered

Limited Lifetime Warranty

Firstech, LLC Warrants to the original purchaser that this product shall be free of defects in material and workmanship under normal use and circumstances for the period of time that the original owner of this product owns the vehicle in which it is installed; except that the remote controller unit for the period of one year from the date of installation to the original owner of this product. When the original purchaser returns the product to the retail store where it was purchased or prepaid postal to Firstech, LLC., 21903 68th Avenue South, Kent, WA 98032, USA within the warranty period, and if the product is defective, Firstech, LLC, will at its option repair or replace such.

TO THE MAXIMUM EXTENT ALLOWED BY LAW, ANY AND ALL WARRANTIES ARE EXCLUDED BY THE MANUFACTURER AND EACH ENTITY PARTICIPATING IN THE STREAM OF COMMERCE THEREWITH. THIS EXCLUSION INCLUDES BUT IS NOT LIMITED TO, THE EXCLUSION OF ANY AND ALL WARRANTY OF MERCHANTAPILITY AND/OR ANY AND ALL WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND/OR ANY AND ALL WARRANTY OF NON-INFRINGEMENT OR PATENTS, IN THE UNITED STATES OF AMERICA AND/OR ABROAD. NEITHER THE MANUFACTURER OF ANY ENTITIES CONNECTED THEREWITH SHALL BE RESPONSIBLE OR LIABLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGES FOR LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDING THE ABOVE, MANUFACTURER DOES OFFER A LIMITED WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE AS DESCRIBED ABOVE.

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Your Warranty
The product's warranty is automatically void if the date code or serial number is defaced, missing or altered. This warranty will not be valid unless you have completed the registration card at www.compustar.com within 10 days of purchase.

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