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Commax

Commax CDV-70K 7 Inch Water Color Monitor Intercom Kit



Important Information

Government Regulations and Safety Information

Read the Government Regulations and Warning! Safety First sections of this manual prior to operating this system.

WARNING! Failure to heed this information can result in death, personal injury or property damage and may also result in the illegal use of the system beyond its intended purpose.

Your Warranty

Your system comes with a warranty. The warranty terms are de-tailed at the end of this guide. Make sure that you receive the proof of purchase from your dealer, indicating the product was

installed by an authorized VoxxElectronics dealer.

Replacement Remote Controls

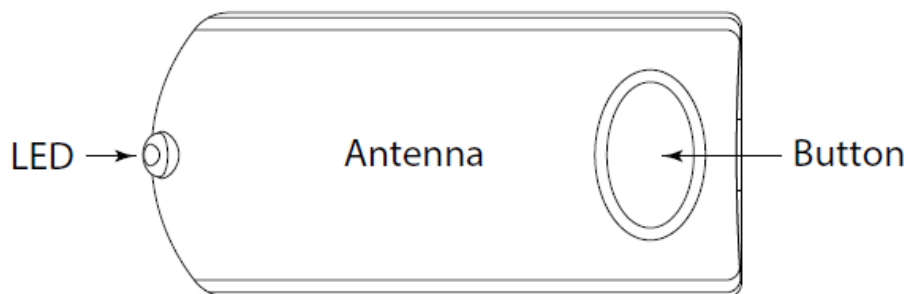
Please see your authorized dealer or visit us at www.directedstore.com to order additional remote controls. Remote control RPN (Re-placement Part Number) are typically found on the back of the device.

Introduction

1-button Remote Control

System State	Press/Release Button	Press/Hold for 3 sec.
Engine OFF	Start Engine	Car Finder
Engine ON	Unlock Doors	Stop Engine

Control Center



The Control Center sends and receives commands or messages to and from the system. It consists of:

- The antenna, for system communication.
- The Status LED, as a visual indicator of the system's status.
- Valet button, for accessing various feature, programming, and reporting functions of the system.

Using the System

Start Engine

When the engine is OFF, press and release the remote control button to start the engine. If the remote start fails to turn on, the vehicle parking lights will flash to indicate the cause. Refer to the following table for the likely cause.

Alert Conditions:

Parking Light Flashes*	Possible Cause	Solution
5	Brake ON	Release Foot Brake.

6	Hood Open	Close Hood.
7	After performing Remote Start command MTS not enabled.	Enabled MTS Mode.
9	Start Valet on	Turn Start Valet off

Unlock Doors

When the engine is running with Remote Start, press and release the remote control button. The doors Unlock, the parking lights flash and the horn sounds (if connected) as confirmation.

Stop Engine

When the engine is ON with Remote Start, press and hold the remote control button until the transmit LED flashes fast. The engine stops running and the parking lights turn OFF.

Car Finder

When the engine is OFF, press and hold the remote control button for three seconds. The horn sounds (if connected) once and the parking lights flash multiple times.

Valet Mode

Start Valet mode disables remote start features until turned off.

Use the following routine to manually turn on/off the Start Valet Mode:

1. Turn the ignition ON and then OFF.
2. Press and hold the Valet button for five seconds.

The parking lights flash nine times in rapid succession when turned on, and nine times in slow succession when turned off.

Emergency Override

The following procedure Disarms the system when a programmed remote is not available. Number of presses

1. Turn the ignition ON.
2. Press the Valet button the correct number of times (the default is 1 press). After a few seconds the siren output ceases and the system is Disarmed.

Battery Information

The 2-way remote 7817 *, is powered by two coin cell batteries (CR-2016), and the 1-way remote 7617, is powered by a single coin cell battery (CR-2016). Operating range diminishes as battery charge depletes.

Low Battery Alert

When unlocking the vehicle using a remote control with a low battery charge, the system provides a notification by emitting a third horn honk output (if connected). If confirmation chirps are programmed off, the system still emits one horn honk when unlock-ing. After performing a command with the remote control, several beeps play to indicate the battery/batteries need replacing. Once the alerts begin, the remote control will remain operational for several days but the battery/batteries should be replaced at the earliest opportunity or failure to control the system may occur.

Battery Replacement

1. Unscrew the hardware on unit rear and remove from housing (if present).
2. Use a small flat blade screwdriver and insert it into the slot located along the bottom of the remote, near the key ring. Carefully pry open the case.
3. Gently slide out the used battery/batteries to remove it from the holding clip. Orient the new battery for the correct polarity and insert into holding clip.
4. Realign the case parts and snap together by pressing firmly and evenly on the front and back. Reinstall screw (if present).

Battery Disposal



VoxxElectronics cares about the environment. If you need to dispose of the battery, please do so in accordance with your municipal requirements for battery

disposal.

* Note: Your system may not include the 2-way remote (7817).

Patent Information

This product is covered by one or more of the following United States patents:

Remote Start Patents:

5,349,931; 5,872,519; 5,914,667; 5,952,933; 5,945,936; 5,990,786; 6,028,372;
6,467,448; 6,561,151; 7,191,053; 7,483,783

Vehicle Security Patents:

5,467,070; 5,532,670; 5,534,845; 5,563,576; 5,646,591; 5,650,774; 5,673,017;
5,712,638; 5,872,519; 5,914,667; 5,952,933; 5,945,936; 5,990,786; 6,028,505;
6,452,484

Other patents pending.

Government Regulations

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

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesirable operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

Remote Controls

To satisfy FCC RF exposure compliance requirements, this device should be used in hand-held, hand operated configurations only. The device and its antenna must maintain a separation distance of 20 cm or more from the person's body, except for the hand and wrists, to satisfy RF exposure compliance. This device is designed to be used in a person's hands and its operating configurations do not support normal transmissions while it is carried in pockets or holsters next to a person's body.

Control Center

To satisfy FCC RF exposure compliance requirements, the device and its antenna must maintain a separation distance of 20 cm or more from the person's body, except for the hand and wrists, to satisfy RF exposure compliance.

This device complies with the Industry Canada Radio Standards Specification RSS 210. Its use is authorized only on a no-interference, no-protection basis; in other words, this device must not be used if it is determined that it causes harmful interference to services authorized by IC. In addition, the user of this device must accept any radio interference that may be received, even if this interference could affect the operation of the device.

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

Warning! Safety First

Please read the safety warnings below before proceeding. Improper use of the product may be dangerous or illegal.

Installation

Due to the complexity of this system, installation of this product must only be performed by an authorized VoxxElectronics dealer. If you have any questions, ask your retailer or

contact VoxxElectronics directly at 1-[800-753-0600](tel:800-753-0600).

Remote Start Capable

When properly installed, this system can start the vehicle via a command signal from the remote control transmitter. Therefore, never operate the system in an enclosed area or partially enclosed area without ventilation (such as a garage). When parking in an enclosed or partially enclosed area or when having the vehicle serviced, the remote start system must be disabled using the “Start Valet” procedure found under “Valet Modes” in this guide. It is the user’s sole responsibility to properly handle and keep out of reach from children all remote control remote controls to assure that the system does not unintentionally remote start the vehicle. IT IS RECOMMENDED THAT THE USER INSTALL A CARBON MONOXIDE DETECTOR IN THE LIVING AREAS ADJACENT TO THE VEHICLE. ALL DOORS LEADING FROM ADJACENT LIVING AREAS TO THE ENCLOSED OR PARTIALLY ENCLOSED VEHICLE STORAGE AREA MUST BE CLOSED AT ALL TIMES. These precautions are the sole responsibility of the user.

Manual Transmission Vehicles

Remote starters on manual transmission vehicles operate differently than those with automatic transmission because you must leave your car in neutral. You must read this Owner’s Guide to familiarize yourself with the proper procedures regarding manual transmission remote starters. If you have any questions, ask your authorized VoxxElectronics dealer or contact VoxxElectronics at 1-[800-753-0600](tel:800-753-0600).

Before remote starting a manual transmission vehicle, be sure to:

- Leave the vehicle in neutral and be sure no one is standing in front or behind the vehicle.
- Only remote start on a flat surface
- Have the parking brake fully engaged

WARNING! It is the responsibility of the owner to ensure the parking/emergency brake properly functions. Failure to do so can result in personal injury or property damage. We recommend the owner have the parking / emergency brake system inspected and adjusted by a qualified automotive shop biannually.

Use of this product in a manner contrary to its intended mode of operation may result in property damage, personal injury, or death. (1) Never remotely start the vehicle with the vehicle in gear, and (2) Never remotely start the vehicle with the keys in the ignition. The user must also have the neutral safety feature of the vehicle periodically checked, wherein the vehicle must not remotely start while the car is in gear. This testing should be performed by an authorized VoxxElectronics dealer in accordance with the Safety Check outlined in the product installation guide. If the vehicle starts in gear, cease remote start operation immediately and consult with the authorized VoxxElectronics dealer to fix the problem. After the remote start module has been installed, contact your authorized dealer to have him or her test the remote start module by performing the Safety Check outlined in the product installation guide. If the vehicle starts when performing the Neutral Safety Shutdown Circuit test, the remote start unit has not been properly installed. The remote start module must be removed or the installer must properly reinstall the remote start system so that the vehicle does not start in gear.

All installations must be performed by an authorized VoxxElectronics dealer.

OPERATION OF THE REMOTE START MODULE IF THE VEHICLE STARTS IN GEAR IS CONTRARY TO ITS INTENDED MODE OF OPERATION. OPERATING THE REMOTE START SYSTEM UNDER THESE CONDITIONS MAY CAUSE THE VEHICLE TO UNEXPECTEDLY LUNGE FORWARD RESULTING IN PROPERTY DAMAGE OR SERIOUS PERSONAL INJURY INCLUDING DEATH. YOU MUST IMMEDIATELY CEASE THE USE OF THE UNIT AND SEEK THE ASSISTANCE OF AN AUTHORIZED VoxxElectronics DEALER TO REPAIR OR DISCONNECT THE INSTALLED REMOTE START MODULE. VoxxElectronics WILL NOT BE HELD RESPONSIBLE OR PAY FOR INSTALLATION OR REINSTALLATION COSTS.

This product is designed for fuel injected vehicles only. Use of this product in a standard transmission vehicle must be in strict accordance with this guide.

This product should not be installed in any convertible vehicles, soft or hard top with a manual transmission. Installation in such vehicles may pose certain risk.

Interference

All radio devices are subject to interference which could affect proper performance.

Upgrades

Any upgrades to this product must be performed by an authorized VoxxElectronics dealer. Do not attempt to perform any unauthorized modifications to this product.

Water/Heat Resistance

This product is not designed to be water and/or heat-resistant. Please take care to keep this product dry and away from heat sources. Any damage from water or heat will void the warranty.

Limited Lifetime Consumer Warranty

VoxxElectronics promises to the original purchaser to repair or replace (at Directed's election) with a comparable reconditioned model any VoxxElectronics unit (hereafter the "unit"), excluding without limitation the siren, the remote transmitters, the associated sensors and accessories, which proves to be defective in workmanship or material under reasonable use during the lifetime of the vehicle provided the following conditions are met: the unit was purchased from an authorized VoxxElectronics dealer, the unit was professionally installed and serviced by an authorized VoxxElectronics dealer; the unit will be professionally reinstalled in the vehicle in which it was originally installed by an authorized VoxxElectronics dealer; and the unit is returned to VoxxElectronics, shipping prepaid with a legible copy of the bill of sale or other dated proof of purchase bearing the following information: consumer's name, telephone number and address; the authorized dealers name, telephone number and address; complete product description, including accessories; the year, make and model of the vehicle; vehicle license number and vehicle identification number.

All components other than the unit, including without limitation the siren, the remote transmitters and the associated sensors and accessories, carry a one-year warranty from the date of purchase of the same. ALL PRODUCTS RECEIVED BY VoxxElectronics FOR WARRANTY REPAIR WITHOUT PROOF OF PURCHASE FROM AN AUTHORIZED DEALER WILL BE DENIED. This warranty is non-transferable and is automatically void if: the unit's date code or serial number is defaced, missing or altered; the unit has been modified or used in a manner contrary to its intended purpose; the unit has been damaged by accident, unreasonable use, neglect, improper service, installation or other causes not arising out of defects in materials or construction. The warranty does not cover damage to the unit caused by installation or removal of the unit.

VoxxElectronics, in its sole discretion, will determine what constitutes excessive damage and may refuse the return of any unit with excessive damage.

TO THE MAXIMUM EXTENT ALLOWED BY LAW, ALL WARRANTIES, INCLUDING BUT NOT LIMITED TO EXPRESS WARRANTY, IMPLIED WARRANTY, WARRANTY OF MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF NON-INFRINGEMENT OF INTELLECTUAL PROPERTY ARE EXPRESSLY EXCLUDED; AND VoxxElectronics NEITHER ASSUMES NOR AUTHORIZES ANY PERSON OR ENTITY TO ASSUME FOR IT ANY DUTY, OBLIGATION OR LIABILITY IN CONNECTION WITH ITS PRODUCTS. VoxxElectronics DISCLAIMS AND HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING ITS AUTHORIZED DEALERS OR INSTALLERS. VoxxElectronics SECURITY SYSTEMS, INCLUDING THIS UNIT, ARE DETERRENTS AGAINST POSSIBLE THEFT.

VoxxElectronics IS NOT OFFERING A GUARANTEE OR INSURANCE AGAINST VANDALISM, DAMAGE OR THEFT OF THE AUTOMOBILE, ITS PARTS OR CONTENTS; AND HEREBY EXPRESSLY DISCLAIMS ANY LIABILITY WHATSOEVER, INCLUDING WITHOUT LIMITATION, LIABILITY FOR THEFT, DAMAGE AND/OR VANDALISM. THIS WARRANTY DOES NOT COVER LABOR COSTS FOR MAINTENANCE, REMOVAL OR REINSTALLATION OF THE UNIT OR ANY CONSEQUENTIAL DAMAGES OF ANY KIND. IN THE EVENT OF A CLAIM OR A DISPUTE INVOLVING VoxxElectronics OR ITS SUBSIDIARY, THE VENUE SHALL BE SAN DIEGO COUNTY IN THE STATE OF CALIFORNIA. CALIFORNIA STATE LAWS AND APPLICABLE FEDERAL LAWS SHALL APPLY AND GOVERN THE DISPUTE. THE MAXIMUM RECOVERY UNDER ANY CLAIM AGAINST VoxxElectronics SHALL BE STRICTLY LIMITED TO THE AUTHORIZED VoxxElectronics DEALER'S PURCHASE PRICE OF THE UNIT.

VoxxElectronics SHALL NOT BE RESPONSIBLE FOR ANY DAMAGES WHATSOEVER, INCLUDING BUT NOT LIMITED TO, ANY CONSEQUENTIAL DAMAGES, INCIDENTAL DAMAGES, DAMAGE TO VEHICLE, DAMAGES FOR THE LOSS OF TIME, LOSS OF EARNINGS, COMMERCIAL LOSS, LOSS OF ECONOMIC OPPORTUNITY AND THE LIKE. NOTWITHSTANDING THE ABOVE, THE MANUFACTURER DOES OFFER A

LIMITED WARRANTY TO REPLACE OR REPAIR THE CONTROL MODULE SUBJECT TO THE CONDITIONS AS DESCRIBED HEREIN. THIS WARRANTY IS VOID IF THE UNIT HAS NOT BEEN PURCHASED FROM VoxxElectronics, OR AN AUTHORIZED VoxxElectronics DEALER, OR IF THE UNIT HAS BEEN DAMAGED BY ACCIDENT, UNREASONABLE USE, NEGLIGENCE, ACTS OF GOD, NEGLIGENCE, IMPROPER SERVICE, OR OTHER CAUSES NOT ARISING OUT OF DEFECT IN MATERIALS OR CONSTRUCTION.

Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages. 14This warranty gives you specific legal rights and you may also have other rights that vary from State to State.

This warranty is only valid for sale of product(s) within the United States of America and in Canada. Product(s) sold outside of the United States of America or Canada are sold “AS-IS” and shall have NO WARRANTY, express or implied. For further details relating to warranty information of VoxxElectronics products, please visit the support section of Directed’s website at:

www.VoxxElectronics.com. This product may be covered by a Guaranteed Protection Plan (“GPP”). See your authorized VoxxElectronics dealer for details of the plan or call VoxxElectronics Customer Service at 1-[800-876-0800](tel:800-876-0800).

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FCC COMPLIANCE STATEMENT

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

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

IC WARNING:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with

FAQ

- **Q: Where can I order replacement remote controls?**


A: Please contact your authorized dealer or visit www.directedstore.com for ordering additional remote controls. The Replacement Part Numbers (RPN) are typically found on the back of the device.

- **Q: What should I do if the parking lights flash during remote start?**

A: The flashing of parking lights indicates certain conditions.

Please refer to the table in the manual for possible causes and solutions such as releasing foot brake, closing hood, enabling MTS mode, or turning off Start Valet.

Documents / Resources

	Commax CDV-70K 7 Inch Water Color Monitor Intercom Kit [pdf] User Guide 7817V, EZS7817V, CDV-70K 7 Inch Water Color Monitor Intercom Kit, CD V-70K, 7 Inch Water Color Monitor Intercom Kit, Water Color Monitor Intercom Kit, Monitor Intercom Kit, Intercom Kit, Kit
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References

- [DIRECTED - Car Alarms | Remote Starters | SMARTSTART | Vehicle Telematics](#)
- [VOXX Electronics](#)
- [User Manual](#)

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7 Inch Water Color Monitor Intercom Kit, 7817V, CDV-70K, CDV-70K 7 Inch Water Color Monitor Intercom Kit, COMMAX, EZS7817V, Intercom Kit, Kit, Monitor Intercom Kit, Water Color Monitor Intercom Kit

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COMMAX DR-2PN Door Unit Instructions

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