Model K20

➤ *Owner's Guide*

limited lifetime consumer warranty

This Ungo Pro Security system is warranted against defects in material and workmanship. The main unit is covered by this limited lifetime warranty. This Limited Lifetime Warranty applies to Ungo Pro Security systems that have been installed by an authorized Ungo Pro Security dealer. This warranty is to the Original Purchaser ("Owner") and to the original vehicle in which it was installed into. This warranty is not transferable to any subsequent owner(s) of the product(s).

Warranty Program:

Main Unit	Limited Lifetime
Remote Controls	One year from date of purchase
Siren	One year from date of purchase
Shock Sensor	One year from date of purchase
LED	One year from date of purchase
Override Switch	One year from date of purchase

The Warranty does not cover batteries or products deemed damaged through alterations or installation. It also does not cover products mishandled, misused, neglected, abused, water damaged, or with removed/altered serial numbers.

PROOF OF PURCHASE WILL BE REQUIRED FOR WARRANTY SERVICE OF THIS PRODUCT.

This warranty does not cover the costs incurred for removal or reinstallation of the main unit and/or any damage to the vehicle or the vehicle's electrical system.

The sole responsibility of Clarion Corporation of America ("Clarion") under this Warranty shall be limited to the repair or replacement of the product, at the sole discretion of Clarion.

If it becomes necessary to send the product or any defective part to Clarion, the product must be shipped in its original carton or equivalent carton, fully insured, with shipping charges prepaid. Clarion will not assume any responsibility for any loss or damage incurred in shipping.

ALL IMPLIED WARRANTIES EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW SHALL HAVE NO GREATER DURATION THAN THE WARRANTY PERIOD SET FORTH ABOVE. UNDER NO CIRCUMSTANCES SHALL CLARION CORPORATION BE LIABLE FOR ANY LOSS OR DAMAGE, DIRECT OR CONSEQUENTIAL, ARISING OUT OF THE USE OR INABILITY TO USE OF THE PRODUCT. BECAUSE SOME STATES DO NOT ALLOW LIMI-

TATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR EXCLUSIONS OR LIMITATIONS OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE THE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE.

Should you have any difficulties with the performance of this product during warranty, please call: 1-800-GO-CLARION or visit your local Ungo Pro Security dealer. You may also contact the National Service Manager at the following address below for additional service help you may need.

Clarion Corporation of America
Attn: National Service Manager
661 W. Redondo Beach Blvd.
Gardena, Ca 90247

table of contents

what is included

➤ The control module

➤ A pair of four-button transmitters

➤ A status LED indicator light

➤ A push-button Valet® switch

important information

Congratulations on the purchase of your keyless entry system. Due to the complexity of this system, it must be installed by an authorized dealer only. Installation of this product by anyone other than an authorized dealer voids the warranty.

By carefully reading this Owner's Guide prior to using your system, you will maximize the use of this system and its features.

You can print additional or replacement copies of this manual by accessing the Clarion web site at www.clarion.com.

➔ system maintenance

The system requires no specific maintenance. Your remote is powered by a small, lightweight 3-volt lithium battery that will last approximately one year under normal use. When the battery begins to weaken, operating range will be reduced and the LED on the remote will dim.

➜ your warranty

It is necessary to keep your proof of purchase, which reflects that the product was installed by an authorized dealer.

➜ fcc/id notice

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

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

Directed Electronics, Inc.	412 Series
FC	**Tested to Comply with FCC Standards**

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transmitter functions

The receiver uses a computer-based learn routine to learn the transmitter buttons. This makes it possible to assign any specific transmitter button, or combination of buttons, to any receiver function. The transmitter initially comes programmed with the Standard Configuration, but may also be customized by an authorized dealer. The transmitter buttons indicated in all of the instructions in this manual correspond to a Standard Configuration transmitter.

standard transmitter configuration

controls the **Arm** function.

controls the **Disarm** function.

controls **Auxiliary Output** and an **Audible Mode**.

controls the **Panic** function.

and pressed together control an **Auxiliary Output**.

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→ standard configuration

🔒 Button

The locking/arming function is controlled by pressing this button for one second. Pressing 🔒 a 2nd time (within 5 seconds) after arming will honk the horn (if connected).

🔓 Button

The unlocking/disarming function is controlled by pressing this button for one second. Pressing 🔓 a 2nd time (within 5 seconds) after disarming will unlock the remaining doors (if progressive door unlocking is configured).

AUX Button

An optional auxiliary function are controlled by this button. (An optional auxiliary function, such as trunk release, can be controlled by pressing this button for 1.5 seconds.)

The auxiliary output controls _____.

🔊 Button

The panic feature is controlled by pressing this button for one second.

🔒 and 🔓 Buttons

An optional auxiliary convenience or expansion function that you have added to your system can be activated by pressing these buttons simultaneously.

The auxiliary output controls_____.

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using your system

→ **locking/arming**

Pressing 🔒 for one second arms the system by activating the starter kill (optional) and locking the doors (if connected). The horn will honk (if connected and in audible mode) and the parking lights will flash once to confirm arming of the system. While the system is armed, the status LED will flash once per second. The Failsafe® Starter Kill (if installed) will also prevent the vehicle's starter from cranking.

> **note:** Manually locking the vehicle does not arm the system; it will only lock the doors.

The system can also be programmed to arm the optional Failsafe® Starter Kill automatically (called Passive Mode). If the system has been programmed for Passive Mode, the Failsafe® Starter Kill will automatically activate 30 seconds after the ignition has been turned off. After the ignition has been turned off, the status LED will flash rapidly to indicate that the system is in Passive Mode.

If Passive Mode has been programmed on, then it is also possible to program the system for Passive Locking. With Passive Locking, the vehicle doors lock automatically at the same time that the Failsafe® Starter Kill is activated. If Passive Locking is programmed on, care must be taken to prevent the keys from being locked in the vehicle.

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> **note:** For Passive Mode to be effective, the Failsafe®
> Starter Kill relay must be installed.

➜ **unlocking/disarming**

Pressing 🔓 for one second disarms the system and unlocks the doors (if connected). The horn will honk twice (if connected and in audible mode) and the parking lights will flash twice to confirm disarming of the system. The optional Failsafe® Starter Kill will be deactivated. The status LED will turn off, unless the system is programmed for Passive Mode. In Passive Mode, the status LED will flash rapidly when the system is disarmed. This indicates that the system will re-engage the starter kill and re-lock the doors (if Passive Locking has been programmed) in 30 seconds unless the ignition is turned on.
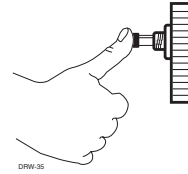
> **note:** If the system has been armed with the remote trans-
> mitter, you must use the transmitter or the Valet switch
> to disarm the system and deactivate the starter kill.
> Manually unlocking the vehicle does not disarm the sys-
> tem; it will only unlock the doors.

➜ **disabling the system without a transmitter**

If your remote transmitter is lost or damaged, you can manually override the system. To do this, you must have the vehicle's ignition key and know where the Valet® switch is located. Be sure to check with the installer for the location of the Valet® switch.

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To disarm the security system, turn the ignition to the ON position. Press and release the Valet switch within 10 seconds. The status LED will stop flashing and the vehicle should start. If the vehicle does not start, you may have waited too long; turn the ignition off and repeat the process.
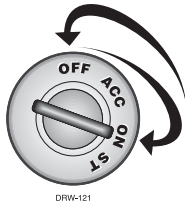
DRW-94

DRW-35

Location of Valet Button_____

➔ audible mode

To temporarily turn on the arm or disarm horn honk(s), simply press $\boxed{\text{AUX}}$ for less than one second before arming or disarming, and the confirmation honk(s) will be present for that one operation only.
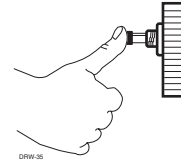
➔ valet mode

You can prevent your system from automatically activating the Failsafe® Starter Kill (optional, not included) and locking the doors by using Valet® Mode. This is very useful when washing the vehicle or having it serviced. In Valet® Mode, the starter kill cannot be activated, even with the transmitter, but all convenience functions (door locks, trunk release, etc.) will continue to work normally.

To enter or exit Valet® Mode:

1. Turn the ignition on.
2. Turn the ignition off.
3. Press and release the Valet® switch within 10 seconds.

The status LED will light steadily if you are entering Valet® Mode and will turn off if you are exiting Valet® Mode.

→ panic mode

If you are threatened in or near your vehicle, you can attract attention by triggering the system with your transmitter. Just press 🔊 for two seconds to enter Panic Mode. In Panic Mode, the horn will honk (if connected) and the parking lights will flash for 30 seconds. To stop Panic Mode at any time, press 🔊 on the transmitter again.

> **note:** In order for Panic Mode to be effective, the vehicle's horn (or optional siren) as well as the vehicle's parking lights must be connected.

rapid resume logic

This Pro Security system will store its current state to non-volatile memory. If power is lost and then reconnected, the system will recall the stored state from memory. This means if the unit is in Valet Mode and the battery is disconnected for any reason, such

as servicing the car, when the battery is reconnected the unit will still be in Valet Mode. This applies to all states of the system including arm, disarm, and panic mode.

programming options

Programming options control your system's normal, operational set-up. Most options do not require additional parts, but some may require additional installation labor. This system's programming options are listed below, with the factory default settings in **bold**:

➤ Ignition switch-controlled door-locking **on** or off. With this feature on, the doors will lock 3 seconds after the ignition key is turned on, and unlock when the ignition key is turned off.

➤ Comfort Closure **off** or on. This option is not available for all vehicles. When programmed on, and pressing on the remote, the vehicle will lock and close the windows/sunroof. See your dealer to see if this is available for your vehicle.

glossary of terms

Control Unit: The "brain" of your system. Usually hidden under the dash area of the vehicle. It houses the microprocessor that monitors your vehicle and controls all system functions.

LED: A light mounted at a discretionary location inside the vehicle. It is used to indicate the status of your system.

Starter Interrupt: An automatic switch controlled by your system which prevents the vehicle's starter from cranking whenever the system is armed. The vehicle is never prevented from cranking when the system is disarmed, in Valet Mode, or if the starter interrupt switch itself fails. Your system has feature-ready circuitry for the starter interrupt, however installation may require additional labor.

Transmitter: A hand-held, remote control which operates the various functions of your system.

Valet Switch: A small button mounted at a discretionary location inside the vehicle. It is used to override the system when a transmitter is lost or damaged, or to enter or exit Valet Mode.

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security & convenience expansions

Listed below are some of the many expansion options available for use with your system. Some options may require additional parts and/or labor. Please consult with your dealer for a complete list of options available for use with this system.

Domelight Supervision: The domelight will illuminate for 30 seconds each time the system is disarmed using the remote. This is useful for seeing inside the vehicle at night prior to entering it.

Power Door Lock Control: Your system is capable of controlling many types of power door lock systems; however, some door lock systems may require extra parts. Consult with your dealer to determine which type of locks your vehicle uses. If power locks are connected, the system can be programmed to lock the doors automatically 30 seconds after the ignition has been turned off. The system can also be programmed to lock the doors when the ignition is turned on and to unlock them when the ignition is turned off.

Power Trunk Release: The system's auxiliary output can be programmed to operate a factory power release for the vehicle's trunk or hatch. If the factory release is not power-activated, Directed®'s 522T trunk-release solenoid can often be added.

Power Window Control: Power window control is provided with Directed®'s 529T or 530T systems. The 529T system will roll up two windows automatically when the system is armed, or roll two windows down by using the transmitter. The 530T will roll two windows both up and down. The 530T also provides one touch switch operation.

Progressive Door Unlocking: For added security, your system can be configured to unlock the driver's door only, leaving the passenger doors locked. Pressing the unlock button an additional time will unlock the passenger doors. This option requires additional parts and labor.

To lock/arm using your remote

➤ To arm the system press 🔒 for one second. The doors will lock (if connected). The LED will begin to flash. The Failsafe® Starter Kill will prevent the vehicle's starter from cranking if it has been installed. The vehicle's horn (if connected) will honk (in audible mode) and the parking lights will flash once to confirm arming of the system.

To unlock/disarm using your remote

➤ To disarm the system press 🔓 for one second. The doors will unlock (if connected). The Failsafe® Starter Kill will be deactivated and the vehicle's horn (if connected) will honk twice (in audible mode) and the parking lights will flash twice.

To enter or exit Valet® Mode

➤ Turn the ignition to the ON position. Turn the ignition back off. Press and release the Valet® switch within 10 seconds. The status LED will light steadily if you have entered Valet® Mode. To exit Valet® Mode, repeat the steps above. The LED will turn off when exiting Valet® Mode.

To activate Panic Mode

➤ Press and hold 🔊 for 2 seconds.

To exit Panic Mode

➤ Press 🔊 on the transmitter.

Location of Valet Switch_____

Cut along dotted line and fold for a quick and easy reference to keep in your purse or wallet.

Get Started
Get Protected

Ungo Pro Security
661 W. Redondo Beach Blvd.
Gardena, Ca. 90247

800-GO-CLARION

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