

## *Model AM2*

➤ *Owner's Guide*

## *limited lifetime consumer warranty*

Directed Electronics, Inc. promises to the original purchaser to repair or replace with a comparable reconditioned model any Directed Electronics, Inc. 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 professionally installed and serviced by an authorized Directed Electronics dealer; the unit will be professionally reinstalled in the vehicle in which it was originally installed by an authorized Directed Electronics dealer; and the unit is returned to Directed Electronics, Inc., 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. This warranty is non-transferable and is automatically void if: the original purchaser has not completed the warranty card and mailed it within ten (10) days of the date of purchase to the address listed on the card; 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. Directed Electronics, Inc., 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 DIRECTED ELECTRONICS, INC. NEITHER ASSUMES NOR AUTHORIZES ANY PERSON OR ENTITY TO ASSUME FOR IT ANY DUTY, OBLIGATION OR LIABILITY IN CONNECTION WITH ITS PRODUCTS. DIRECTED ELECTRONICS, INC. DISCLAIMS AND HAS ABSOLUTELY NO LIABILITY FOR ANY AND ALL ACTS OF THIRD PARTIES INCLUDING ITS AUTHORIZED DEALERS OR INSTALLERS. DIRECTED ELECTRONICS, INC. SECURITY SYSTEMS, INCLUDING THIS UNIT, ARE DETERRENTS AGAINST POSSIBLE THEFT. DIRECTED ELECTRONICS, INC. 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

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This product may be covered by a Guaranteed Protection Plan ("GPP"). See your authorized Directed Electronics dealer for details of the plan or call Directed Electronics, Inc. Customer Service at 1-800-876-0800. Directed Electronics, Inc. security systems, including this unit, are deterrents against possible theft. Directed Electronics, Inc. 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. Directed Electronics, Inc. does not and has not authorized any person or entity to create for it any other obligation, promise, duty or obligation in connection with this security system.

Make sure you have all of the following information from your dealer:

A clear copy of the sales receipt, showing the following:

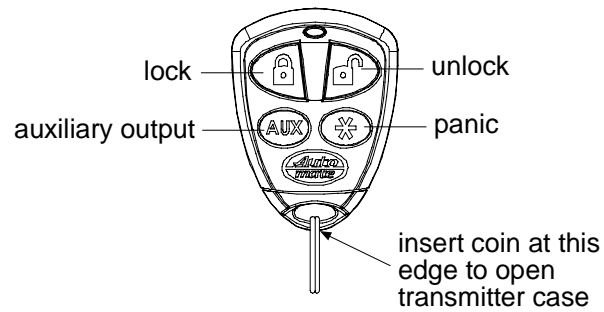
- Date of purchase
- Your full name and address
- Authorized dealer's company name and address
- Type of alarm installed
- Year, make, model and color of the automobile
- Automobile license number
- Vehicle identification number
- All security options installed on automobile
- Installation receipts

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## *transmitter (standard) configuration*



To access the battery, use a coin to at the bottom of the transmitter to open the case.

## *transmitter functions*



controls the **Lock** function.





controls the **Unlock** function.



controls **Silent Mode™** and an **Auxiliary Output**.



controls the **Panic** function.

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

## *what is included*

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- The control module
- 2 four-button transmitters
- Pre-wired Valet® switch with integrated Red status led
- Your warranty registration
- Failsafe® Starter Kill Relay

## *important information*

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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. All dealers are provided with a preprinted dealer certificate to verify that they are authorized.

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 Directed web site at [www.directed.com](http://www.directed.com).

→ **system maintenance**

The system requires no specific maintenance. Your remote is powered by a small, lightweight 3-volt lithium battery (CR2032) 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. Refer to Transmitter (Standard) Configuration for battery access.

→ **your warranty**

Your warranty registration must be completely filled out and returned within 10 days of purchase. Your product warranty will not be validated if your warranty registration is not returned. Make sure you receive the warranty registration from your dealer. It is also 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.



**Tested to Comply  
with FCC Standards**

DRW-371

## *transmitter functions*

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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 configuration**

#### **Button**

The locking function is controlled by pressing this button for one second.

#### **Button**

The unlocking function is controlled by pressing this button for one second.



### **Button**

Silent Mode™ and 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 2 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** \_\_\_\_\_.

## *using your system*

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### **locking**

Pressing  for one second locks the system by activating the starter kill and locking the doors (if connected). The horn will honk (if connected) and the parking lights will flash once to confirm locking of the system. While the system is locked, 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.

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

## → **unlocking**

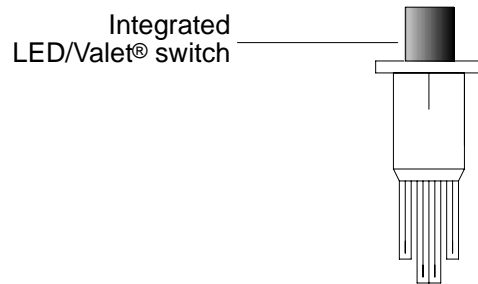
Pressing  for one second unlocks the system and the doors (if connected). The horn will honk twice (if connected) and the parking lights will flash twice to confirm unlocking of the system. The optional Failsafe® Starter Kill will be deactivated. The status LED will turn off, unless the system is programmed for Passive Mode. In Passive Mode, the status LED will flash rapidly when the system is unlocked. This indicates that the system will re-engage the starter kill and re-lock the doors (if Passive Locking has been

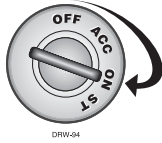
programmed) in 30 seconds unless the ignition is turned on.

**note:** If the system has been locked with the remote transmitter, you must use the transmitter or the Valet® switch to unlock the system and deactivate the starter kill. Manually unlocking the vehicle does not unlock the system; it will only unlock the doors.

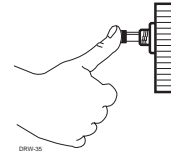
### → **disabling the system without a transmitter**

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 integrated LED/Valet® switch is located. Be sure to check with the installer for the location of the integrated LED/Valet® switch.





To unlock the security system, turn the ignition to the ON position. Press and release the integrated LED/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.



**Location of integrated LED/Valet® Switch** \_\_\_\_\_

**→ silent mode™**

To temporarily turn off the lock or unlock chirps, (if the horn is hooked up) use Silent Mode™. Simply press **AUX** for less than one second before locking or unlocking, and the confirmation chirp(s) will be eliminated for that one operation only. If you want the lock/unlock chirps turned off permanently, your dealer can do this for you.

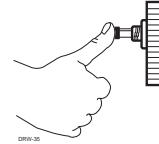
**→ valet® mode**

You can prevent your system from automatically activating the Failsafe® Starter Kill 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 integrated LED/Valet® switch within 10 seconds.



The status LED lights continuously if you are entering Valet® Mode and turns 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 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.

## *owner recognition™*

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Owner Recognition® is a feature available exclusively from Directed. Using the Directed Bitwriter®, a hand-held programming tool, your dealer can program many of the system settings. The programmer makes it possible to program different settings for each transmitter that is used with the system. Then, whenever a specific transmitter is used, the system will recall the settings assigned to that transmitter. Owner Recognition lets up to four users of the system have different settings that meet their specific needs. It is almost like having four separate alarms in your vehicle, one for each user.

**note:** Owner Recognition cannot be programmed without a Directed Bitwriter® and the necessary software. Check with your dealer for more information.

## *rapid resume logic*

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This Directed 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 lock, unlock, and panic mode.

## *programming options*

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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**:

- Passive Mode or **Active Mode**. In Passive Mode the Failsafe® Starter Kill will automatically activate 30 seconds after the ignition has been turned off.
- 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.
- Passive Locking or **Active Locking** (doors lock only with the transmitter). With Passive Locking, the vehicle doors lock automatically 30 seconds after the ignition has been turned off. Passive Locking can only be selected when the system has been programmed for Passive Mode.
- The horn honk confirmations for locking and unlocking can be programmed **on** or off. In order for this feature to work properly, the horn must be connected to the system.
- Domelight supervision when the key is turned off can be programmed on or off. If programmed on, the domelight will turn on for 30 seconds each time the ignition is turned off.

## ***glossary of terms***

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**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.

**Integrated LED/Valet® Switch:** A small push-button switch with an integrated Red LED mounted somewhere in the vehicle. The switch is used to override the alarm when a transmitter is lost or damaged, or to put it into Valet® Mode. The LED indicates the status of your system. It is also used to report triggers and faults in the system or sensors. This switch is also used to program optional features.

**Starter Interrupt:** An automatic switch controlled by your system which prevents the vehicle’s starter from cranking whenever the system is locked. The vehicle is never prevented from cranking when the system is unlocked, 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.



## *security & convenience expansions*

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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 unlocked using the remote. This is useful for seeing inside the vehicle at night prior to entering.

**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 locked, 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.






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




## QUICK REFERENCE GUIDE

### To lock using your remote

- To lock the system press  for one second. The doors lock (if connected). The LED will begin to flash. The Failsafe® Starter Kill (if installed) prevents the vehicle's starter from cranking. To confirm system locking the vehicle's horn (if connected) honks once and the parking lights flash once.

### To unlock using your remote

- To unlock the system press  for one second. The doors will unlock (if connected). The Failsafe® Starter Kill deactivates. To confirm unlocking the vehicle's horn (if connected) honks twice and the parking lights flash twice.


### Disabling the Failsafe® Starter Kill without a transmitter

- Turn on the ignition. Press and release the integrated LED/Valet® switch within 10 seconds. The LED will stop flashing and the vehicle can be started.


### To enter or exit Valet® Mode

- 1. Turn the ignition to the ON position.
  2. Turn the ignition back OFF.
  3. Within 10 seconds press and release the integrated LED/Valet® switch.The status LED lights continuously if you have entered Valet® Mode. To exit Valet® Mode, repeat steps 1–3. The LED turns 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 integrated LED/Valet® Switch \_\_\_\_\_

The company behind this system is Directed Electronics, Inc.

Since its inception, Directed Electronics has had one purpose, to provide consumers with the finest vehicle security and car stereo products and accessories available. The recipient of nearly 100 patents and Innovations Awards in the field of advanced electronic technology, DIRECTED is ISO 9001 registered.

Quality Directed Electronics products are sold and serviced throughout North America and around the world.

Call **(800) 274-0200** for more information about our products and services.



DEI is an ISO 9001 registered company.

Directed Electronics is committed to delivering world class quality products and services that excite and delight our customers.



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