

The **Pulsed** operation setting allows an output to activate as long as the button is held.

The **Timed** operation setting allows an output to activate when the transmitter button is pressed, and remain activated for 10 seconds or until the transmitter button is pressed again.

The **Latched** operation setting allows an output to activate when the transmitter button is pressed, and remain activated until the transmitter button is pressed again.

#### **DISARM WITH AUXILIARY FUNCTION**

If auxiliary 1 is installed to activate the vehicle's trunk release, the system can be programmed to automatically disarm the alarm when the trunk is opened using the transmitter. In this manner, the trunk can be accessed without first disarming the alarm.

#### **REMOTE SENSOR DISABLE**

When parking the vehicle in areas susceptible to unwanted disturbance from animals or strong weather conditions that could cause the sensors to trigger, the sensor inputs can be temporarily bypassed using the remote transmitter, preventing possible false alarms.

To disable the sensor inputs.

1. Arm the system normally.
2. Within 5 seconds of arming the system, press the arm button again.  
The siren will chirp 5 times and the parking lights will flash 5 times to indicate the sensors are disabled.  
The sensors will remain disabled until the next arming cycle.

# SECURITY SYSTEM WITH STARTER

## AS635/805

### OWNER'S MANUAL



**ACCELE**  
ELECTRONICS INC.

## ABOUT YOUR SYSTEM

The **AS635/805** is a combination vehicle security and remote starting system featuring a built-in "Network Port" that allows direct connection of optional accessory modules and a PC interface offering expanded system operation. With proper installation this system will provide superior protection and performance for many years to come.

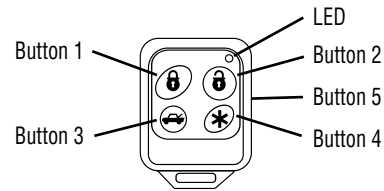
The **AS635/805** built-in remote start feature is designed to offer maximum convenience by remote starting your vehicle's engine, turning on the heater/air conditioner, and then running for a pre-determined time to provide a comfortable environment once you enter your vehicle.

To ensure the safety and security of the system while it is remote started, the AS635/805 employs several safeguards. In the event the alarm is triggered while the engine is remotely running, the remote start will immediately shutdown to prevent unauthorized users from attempting to drive the vehicle. The system is equipped with a hood pin input to prevent access to the engine compartment while the vehicle is remotely running. The valet mode prevents the remote start feature from operating in the event the vehicle is to be serviced. Finally, the brake pedal also acts as a safety by shutting down the remote start when pressed.

## REMOTE TRANSMITTERS

### SYSTEM CONTENTS:

- Main Unit with built-in Network Interface Port
- Two 5-Button Random Code Remote Transmitters
- High Output 6-tone Siren
- Dual Stage Shock Sensor
- Status LED
- Coded Emergency Override / Valet Switch



### REMOTE TRANSMITTER DESCRIPTION

The **AS 635/805** is supplied with two (2) 5-button Remote Transmitters used to control system operations.

**Button 1** Arms the system and when held for 2 seconds, activates the system's Panic feature. Button 1 also locks the doors when the system is in Valet Mode.

**Button 2** Disarms the system. Pressing Button 2 again operates the Passenger Unlock feature (if installed). Button 2 also unlocks the doors when the system is in Valet Mode.

**Button 3** Activates the Auxiliary 1 output. This output will remain on for as long as the button is pressed.

**Button 4** Activates the Remote Start feature.

**Button 5** The Page Shift button. Each time the Shift Button is pressed, the LED on the transmitter will illuminate and the transmitter functions will shift to the next page, allowing access to another set of features. Once shifted to another page (there are 4 pages total), the transmitter will remain on that page for 10 seconds or until a button is pressed, then return to page 1. Each time a transmitter button is pressed and held, the LED will flash a number of times to indicate from which page it is transmitting. Under normally operation, only pages 1 and 2 are used. Pages 3 and 4 are usually used for Two Car Operation (see page 3) or optional expansion modules.

**Shift then press Button 1** Arms the system silently.

**Shift then press Button 2** Disarms the system silently.

**Shift then press Button 3** Activates the Auxiliary 2 output. This output will remain on for as long as the button is pressed.

### ADDING/REPLACING TRANSMITTERS

To replace lost or stolen transmitters or to add additional transmitters into the system, have all desired transmitters ready and follow the steps below.

**Note:** Up to 4 transmitters can be programmed to operate the system. To erase any previously stored transmitter codes, be sure to program all 4 transmitter memory locations.

#### To program the transmitter(s):

- Turn on the ignition key On, Off, On, Off, and back On. (Key On 3 times)  
The siren will chirp 3 times.
- Press and hold the Override switch for 5 seconds.  
The siren will chirp 5 times.  
The LED will illuminate.
- Press Button 1 on the first transmitter.  
The siren will chirp once.
- Press Button 1 on the first transmitter again.  
The siren will chirp twice to indicate it has learned the code.
- Repeat steps 3 and 4 for each transmitter (up to 4).
- Turn off the ignition key.

### AUTOMATIC START MODE

The Automatic Start Mode allows the vehicle to automatically start the vehicle every one or two hours and run for the preset run time.

To turn on Auto Cold Starting.

- Press and hold the brake pedal.
- Press and hold the Valet switch and Button 2 for two seconds.  
The parking lights will flash 4 times.  
The LED will emit double flashes.
- Release the brake pedal.

To turn off Auto Cold Starting do one of the following.

- Press the brake pedal.
- Turn on the ignition.
- Remote start the vehicle.

### TURBO TIMER FEATURE

The optional Turbo Timer feature allows vehicles with turbo charged engines to remain running after the ignition key is removed, for proper cool-down of the turbocharger. The Turbo Timer feature requires connection to the vehicle's parking brake wire and is compatible with most gasoline powered engines, and diesel engines where a glow plug connection is not required.

To activate the Turbo Timer feature.

- Leave the engine running after parking the vehicle.
- Set the vehicle's parking brake.  
The Turbo Timer will begin to two-minute run cycle to allow the turbocharger to cool down.
- Turn OFF the ignition and exit the vehicle.

To deactivate the Turbo Timer feature.

- Turn OFF the ignition.
- Press the brake pedal.  
The Turbo Timer countdown will automatically stop and the engine will shutdown.

**WARNING:** The Turbo Timer feature is not intended for use inside garages or other non-ventilated areas. Make sure to deactivate the Turbo Timer feature when parking in such areas.

## EXTENDED FEATURES

### IGNITION DOOR LOCKING

For added safety, the Ignition Door Locking feature allows vehicles equipped with power door lock systems to automatically lock the doors when the ignition is turned on. If a door is open when the ignition is turned on, the Ignition Door Locking feature is disabled to protect against locking the keys inside the vehicle.

### IGNITION DOOR UNLOCKING

For added convenience, this feature automatically unlocks the doors after the ignition key is turned off. If the optional Passenger Unlock feature is installed, the Ignition Door Unlocking feature can be programmed to unlock only the driver door as a higher measure of safety, especially when children are present. The Ignition Door Unlocking feature may also be completely disabled if desired.

### DOME LIGHT ACTIVATION

If the optional Dom Light Activation feature is installed, the dome light will turn on when the system is disarmed using the remote transmitter, and remain on for 30m seconds or until the ignition is turned on.

### AUXILIARY FUNCTION OUTPUTS

The **AS635/805** system is equipped with 3 auxiliary channel outputs allowing the convenience features of the system to be further expanded. These outputs can be programmed for pulsed, timed, or latched operation, and used to add a number of optional features such as: power trunk release, remote engine start, power window activation, power sunroof control, auxiliary lighting, audio/video system control, and more.

### **AUTOMATIC REARMING**

The Automatic Rearming feature is designed to protect the vehicle in the event the system is accidentally disarmed. With the Automatic Rearming feature enabled, the alarm will automatically re-arm 30 seconds after disarming. If the optional Passive Door Locking feature is enabled, the doors will also lock when the system re-arms.

The Automatic Re-Arming feature will be temporarily bypassed until the next arming cycle if the ignition is turned on or the trunk/hood zone is opened.

### **VALET MODE**

The Valet Mode temporarily disables the security system so the vehicle may be operated by a mechanic or parking attendant.

To activate or deactivate the Valet Mode:

1. Turn on the ignition.
2. Press and hold the override switch for 5 seconds.  
The siren will chirp once to confirm the Valet Mode is on.  
The siren will chirp twice to confirm the Valet Mode is off.
3. Turn off the ignition.

While in Valet Mode the remote transmitters will continue to lock and unlock the doors, and operate the optional auxiliary functions.

## **REMOTE START FEATURES**

### **REMOTE STARTING**

To Remote Start the System

1. Be sure the system is not in Valet Mode.
2. Press and hold Button 4 for three seconds.  
The parking lights will turn on.  
The LED will flash rapidly  
The engine will start and run for the duration of its programmed run time.\*  
The heater or air conditioner will turn on (if turned on prior to exiting the vehicle).

**\*If the engine fails to start on the first attempt, it will repeat the starting procedure 2 more times. If the vehicle fails to start after a total of 3 times the parking lights will flash 4 times and the doors will lock (if installed).**

Turn on the ignition and press the brake pedal to disengage the remote start feature and drive the vehicle.

### **SHUT DOWN**

When the remote start feature is active, any of the following actions will shutdown the engine.

1. Pressing Button 4.  
After the engine shuts down the doors will lock (if installed).
2. Pressing the brake pedal.
3. Opening the hood.
4. Remote start time-out (completion of the timed run cycle).

### **QUICK STOP**

The quick stop feature allows you exit the vehicle while keeping the engine running for quick stops.

To leave the vehicle running.

1. With engine running press remote start button on your transmitter, sidelights will flash twice indicating quick stop mode enabled.
2. Turn off the ignition switch, the engine will continue running.
3. You may now exit the vehicle and lock the doors manually or using the remote transmitter.

To resume control of the vehicle.

1. Unlock the doors manually or by pressing Button 4 on the remote transmitter\*.
2. Turn on the ignition.
3. Press the brake pedal to disengaged the remote start.  
The LED will turn off.

**\*If optional keyless entry feature is installed.**

### **TWO-CAR OPERATION**

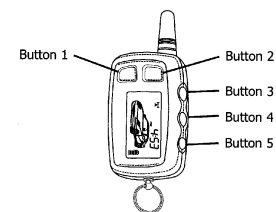
If two vehicles are equipped with AS635/805 systems, for convenience, both can be operated using the same remote transmitter. If all four transmitters are to be used with both cars, program transmitters A and B into the first vehicle in the manner described above. Program transmitters C and D by pressing the Shift button twice before performing steps 3 and 4 above.

When finished programming the first vehicle, program transmitters C and D into the second vehicle as normal, then program transmitters A and B by pressing the Shift button twice before performing steps 3 and 4 above.

When programmed in this manner, the driver of the first car can also operate the second vehicle by pressing the Shift button twice and the desired function button.

### **BATTERY REPLACEMENT**

Your **AS635/805** Remote Transmitter uses a 12 volt alkaline battery (type 23A), which will require replacement in time. Depending on the amount of use, the battery may last up to six months or more before it needs replacement. When the battery needs replacing, the system's operating range will decrease or the transmitter LED may not be as bright. In order to change the battery, first remove 2 screws from the back of the transmitter and separate the top and bottom halves of the case. While replacing the battery make sure that the positive and negative terminals are positioned correctly, then carefully reassemble the transmitter case.



### **2- WAY LCD REMOTE TRANSMITTER DESCRIPTION**

**Button 1** Arms and disarms the system and when held for 2 seconds, activates the system's panic feature. Button 1 also locks/unlocks the doors when the system is in valet mode.

**Button 2** Activates the remote start feature.

**Button 3** Activates the auxiliary 1 output normally used for trunk release (note trunk icon on button).

**Button 4** Activates the auxiliary 2 output this output will remain on for as long as the button is pressed.

**Button 5** Is the confirmation and programming button, quickly pressing button 5 will activate the LCD display's backlighting for use in the dark. Pressing button 5 for 2 seconds activates the system's confirmation feature which will then display the current status of the system (armed, disarmed, engine running, etc.).

### **ADDING/REPLACING 2-WAY LCD TRANSMITTERS**

When adding a 2-way LCD transmitter to the system, follow these steps:

1. Turn on the ignition key ON, Off, On, Off, On, Off, and back On. (Key On 4 times)  
The siren will chirp 4 times.
2. Press and hold the override switch for 5 seconds.  
The siren will chirp 4 times.  
The Led will illuminate.
3. Press Button 1 on the first transmitter.  
The siren will chirp once.
4. Turn off the ignition key.
5. Repeat steps 1-4 to add an additional 2-way transmitter.

### **LCD TRANSMITTER BATTERY REPLACEMENT**

Your **AS635/805** transmitter uses a 1.5 volt AAA alkaline battery, which will require replacement in time. Depending on the amount of use, the battery may last up to six months before it needs replacement. When the battery needs replacing, the system's operating range will decrease, the LCD display will show only one of three bars in the battery icon, or the display and sounds may suddenly stop and start as the battery voltage drops below minimum. In order to change the battery, first slide the battery door locking pin to the side. Carefully slide the battery cover downward until it is free. While replacing the battery make sure that the positive and negative terminals are positioned correctly, then carefully reassemble the transmitter case.

# SYSTEM OPERATION

## REMOTE ARMING

The system monitors 6 independent areas (**zones**) while armed: doors, hood/trunk, shock sensor and optional sensor input, and the network port for future expansion.

To Arm the System:

1. Turn off the ignition.
2. Press Button 1.
  - The siren will chirp once.\*
  - The doors will lock.
  - The parking lights will flash once.
  - The LED will turn on red, to indicate the starter defeat is activate
3. 10 seconds after arming:
  - The LED will start blinking to indicate that the doors, hood, trunk and sensor input are being monitored.

**\*During arming, if the system detects a bad sensor or an open zone, the system will chirp 4 additional times and ignore that input, but keep all other areas protected.**

Once Armed, the alarm will trigger when any of the following occurs:

- The doors are opened.
- The hood or trunk is opened
- The shock sensor detects an impact to the vehicle.
- The optional sensor is disturbed.

When the alarm triggers, the siren will sound, the horn will honk, and the parking lights will flash. If the system is triggered by the doors, or hood/trunk, the system will alarm for 45 seconds. If triggered by the shock sensor or optional sensor input, the system will alarm for 30 seconds. In the event the alarm is triggered and remains triggered continuously by the same sensor or input during a single arming cycle, that sensor or input will be automatically bypassed until the next time the system is armed. If the Shock Sensor detects a light impact to the vehicle, or the Optional Sensor's warning away zone is disturbed, the siren will chirp 5 times as a warning indication.

## REMOTE DISARMING

To Disarm the System:

- Press Button 1.
  - The siren will chirp twice.\*
  - The doors will unlock.
  - The parking lights will flash twice.
  - The dome light will turn on.
  - The LED will turn off.

**\* During Disarming, if the system was triggered while away from the vehicle, the siren will chirp 3 times, the parking lights will flash 3 times, and the LED will flash to indicate triggered zone. See Tamper Alert for zone listing.**

## TAMPER ALERT

If the system was triggered while away, the LED will flash to indicate which zone triggered the system after disarming and turning on the ignition. The LED indication will repeat 8 times.

LED Flashes: (60 seconds):

- |            |   |                         |
|------------|---|-------------------------|
| 1 flash    | = | option sensor           |
| 2 flashes  | = | shock sensor            |
| 3 flashes  | = | network based sensor    |
| 4 flashes  | = | door                    |
| 5 flashes  | = | trunk                   |
| 6 flashes  | = | reserved for future use |
| 7 flashes  | = | reserved for future use |
| 8 flashes  | = | reserved for future use |
| 9 flashes  | = | reserved for future use |
| 10 flashes | = | main power interrupt    |

example: flash-flash-pause-flash-flash-pause = shock sensor

## SILENT ARMING/DISARMING

The **AS635/805** system can be programmed to operate without Arm and Disarm chirp indications. When programmed for full-time silent operation, the siren will sound only when the system is triggered. The system is also capable of temporary silent operation if desired. Pressing the Shift button before Arming or Disarming the system will bypass the chirp confirmations and allow one-time silent operation.

**Note: The open zone warning chirps will not be bypassed when the system is Armed or Disarmed silently.**

## PASSIVE ARMING

When programmed for the optional Passive Arming feature, the system arms itself automatically, each time the ignition is turned off and all of the doors, hood, and trunk are closed.

To start the Passive Arming Process:

1. Turn off the ignition.\*
2. Open the door and exit the vehicle.
  - Once all doors are closed and the dome light is off, the LED will begin flashing rapidly.
3. After 30 seconds:
  - The siren will chirp.
  - The parking lights will flash.
  - The doors will lock.\*\*
  - The status LED will begin flashing.
4. The system is now armed.

**\* The ignition must have been on for at least 5 seconds or the Passive Arming sequence will be disabled.**  
**\*\* If the Passive Locking feature is selected.**

To temporarily disable Passive Arming, turn on the ignition then turn off within 5 seconds. The siren will chirp once indicating the system will not passively arm until the ignition is cycled again. The system can be programmed to provide an Entry Delay when the system is armed passively. Upon opening the door the siren will chirp for 10 seconds allowing time to enter the vehicle and turn on the ignition before the full siren output is triggered.

## PANIC MODE

In the event of an emergency, the transmitter's remote Panic feature can be used to instantly trigger the alarm.

To activate the Panic Mode:

1. Press and hold Button 1 for 3 seconds.
  - The alarm will sound.
  - The parking lights will flash.
  - The doors will unlock\* allowing access to the vehicle.
2. Press Button 2 to stop Panic Mode.

**\* If the ignition is on when the Panic feature is activated, the doors will lock for personal safety.**

If not deactivated using Button 2, the Panic Mode will automatically exit after 30 seconds and the system will be restored to its previous arm/disarm state.

## EMERGENCY OVERRIDE

If the transmitter becomes lost or inoperable, the system can still be disarmed using the following procedure. Before beginning this procedure, be sure to have the ignition key ready and know the location of the override switch.

To Emergency Override the system:

1. Unlock the door using the key.
2. Enter the vehicle.
  - The system will trigger and the siren will sound.
3. Turn ignition key on.
4. Press and hold the override switch for 10 seconds.
  - The system will disarm.
5. The vehicle will now be able to start.

**\* During installation, the system can be programmed to provide a 15 second entry delay when the system arms passively. If a door is opened after the system is armed passively, the siren will chirp for 10 seconds before sounding, allowing time to use the emergency override feature.**