USAPRO SECURITY

AS62UG

INSTALLERS INSTRUCTIONS

Dealer Mode Programming:

1. Turn the ignition key On, Off, On, Off, and back On. (Key On 3 times)

    3 seconds later the horn will honk 3 times.

2. Press and hold the Override switch for 5 seconds.

    The horn will honk 5 times.

    The LED will illuminate.

3. Press Button on the transmitter.

    The horn will honk once.

4. Turn off the ignition key.

Once the dealer remote has been programmed the system will enter the dealer mode automatically. System will passively arm 30 seconds after key is turned off, will activate the Opt. Starter kill output and will only trigger if the doors are opened. (to turn off the trigger when door is opened feature, enter customer mode first, follow the procedure to set unit to KEYLESS ONLY MODE, then program unit for Dealer Mode. No programmable options are available in Dealer Mode.

Factory Upgrade Mode:

1. Turn on the ignition key On, Off, On, Off, On, Off, On, Off, On, Off, On, Off, and back On. (Key On 6 times)

    3 seconds later the horn will honk 6 times.

2. Press and hold the Override switch for 5 seconds.

    The horn will honk 5 times.

    The system will enter Factory Upgrade Mode and will now operate from the Factory Remotes and/or keypads.

Customer Remote Programming: (Standard 5 button Remotes)

Once the customer's remotes have been programmed, the system will exit the Dealer Mode automatically and the Dealer Remotes will no longer operate the system.

1. Turn the ignition key On, Off, On, Off, and back On. (Key On 3 times)

    3 seconds later the horn will honk 3 times.

2. Press and hold the Override switch for 5 seconds.

    The horn will honk 5 times.

    The LED will illuminate.

3. Press LOCK button on the first transmitter.

    The horn will honk once.

4. Repeat step 3 for each transmitter (up to 4).

5. Turn off the ignition key.

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Adding/Replacing Optional 2-way LCD Transmitters

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

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

NOTE: All 2-Way or Standard Transmitters must be programmed at the same time.
Programming 1 new transmitter will automatically delete existing transmitters not programmed in the same session.

Entering System Programming:

This system is compatible with the optional LCD 2-way transmitter, the standard transmitter or as a factory upgrade (no transmitters); all system programming can be performed using either mode.

To enter System Programming:
>   **1.** Turn ignition ON.
>   **2**. Within 5 seconds, press the valet switch 5 times.

The siren/horn will provide three chirps, indicating that you have entered Programming.
>   **3.** Press the valet switch the number of times equal to the System Parameter you
>   want to change.

 The siren/horn will chirp each time the valet switch is pressed.
>   **4.** Within 5 seconds, press the transmitter button corresponding to the desired
>   operating mode for that System Parameter.

The siren will chirp to indicate the setting.
>   1 chirp =   Button 1
>   2 chirps =   Button 2
>   3 chirps =   Button 3
>   **5**. When you are finished, turn off the ignition to save the changes.

Factory Upgrade Mode Programming:

Turn Ignition Off and back On once to select column 1
Turn Ignition Off and back On twice to select column 2
Turn Ignition Off and back On three times to select column 3

Default Reset :

Following this procedure will set all System Programming Parameters to factory default settings.

1. Enter System Programming.

2. Press Transmitter Button 3.

(**In Factory Upgrade Mode turn ignition switch Off then back On 3 times**)

‧ The siren will chirp 6 times indicating that the reset signal was received.

‧ All System Programming parameters are now set to factory default settings.

‧ The Valet Mode is off.

‧ The optional Disarm Code will reset.

3. Turn off ignition.

Optional Coded Emergency Override:

As an extra measure of security, the system is equipped with an optional Coded Emergency Override feature. Once an Emergency Override Code is chosen and programmed during installation, the system can no longer be disarmed using the standard override procedure.

To Emergency Override the system using the Code:

1. Follow steps 1-3 above.

2. Press the override switch a number of times equal to the Disarm code, and continue holding for 10 seconds on the last press.

‧ The system will disarm. If the code is entered incorrectly, turn off the ignition and begin again.

To set the Emergency Override Code:

1. Turn on ignition.

2. Within 5 seconds, press the valet switch 5 times.

‧ The siren will provide one long chirp, indicating that you have entered Programming.

3. Press the valet switch 3 times.

‧ The siren will chirp each time the valet switch is pressed.

4. Within 5 seconds, press Button 3 on the transmitter.

‧ The siren will chirp 3 times.

5. Press the valet switch the number of time equal to the desired code (from 1-15).

6. Turn off the ignition then arm the system.

7. Disarm the system using the new Override Code to permanently store the new code.

Note: If the code set procedure is not properly performed, turn off the ignition and begin again. The override code will not be permanently stored until the code is used to disarm the system.

Programmable System Options:

The following is a description of the programming options. Some program branches control more than one option, and may require accessing a particular branch number twice in order to program all desired features.

1. **Arm Mode:** Selects one of two modes: Manual Arming (with remote only) or Passive Arming (arms 30 seconds after key is turned off and all doors closed.

2. **Auto Rearming Mode:** When selected, the system will automatically re-arm and lock 30 seconds after it has been disarmed regardless if a door is open or closed.

3. **Ignition Controlled Lock/ Override Code Set:** This dual program branch sets Ignition Controlled Locking and programs the optional Emergency Override Code.
   Override Code Set. Changes the Emergency Override Code for a higher level of security.

4. **Ignition Controlled Unlocking:** Selects whether or not the system automatically unlocks the door when the ignition is turned off. The Ignition Door Locking feature may be programmed to unlock all doors or the driver's door only. If driver's door only is selected, the optional Passenger Unlock feature must be connected.

5. **Door Unlock Pulse:** Selects between one pulse or two pulse operation for the door unlock output. Vehicles that require two pulses on the proper wire to unlock the doors can be interfaced directly without the use of relays or any additional circuitry by programming the system for double unlock pulse.

6. **Door Lock Pulse Length:** Selects between a 1, 3 or 0.1 seconds output for door locking and unlocking. Program to 3 seconds for vehicles equipped with vacuum door locking systems.

7. **Passive Door Locking:** Selects whether or not the system will automatically lock the doors during Passive Arming.

8. **Ignore Open Door Report:** Bypasses the open zone warning chirps for vehicles equipped with a residual dome light circuit that remains ON for a period of time after closing the door.

9. **Arming Chirps/Honks:** Selects between normal and silent operation.

10. **Horn Honk with Arm & Disarm:** Enables or Disables Arm/Disarm horn honk *confirmation.*
    Disabled: *When selected, the horn will honk only when the alarm is triggered.*
    Enabled: *When selected, the horn will provide the arm/disarmed trigger indications, allowing the siren installation to be skipped.*

11. *Horn Honk Duration: Selects between Short, Normal or Extended horn honks.*

12. **Extended Parking Lights:** When selected, the parking lights will remain ON for 30 seconds after disarming the system.

13. **Aux 2 Auto Activate with Arm:** When selected, the Auxiliary 2 output will activate when the system is armed. This feature can be used to roll-up windows, close sunroofs, activate accessories, etc.

14. **Auxiliary 1 Mode:** Selects from momentary, 10 second timed, or latched operation for Auxiliary 1.

    Momentary operation provides an output for as long as the transmitter button is pressed.

    Timed operation provides an output that turns on for 10 seconds each time the transmitter button is pressed. If the button is pressed again during the 10 seconds, the output will turn off. Adjustable with ScyTek Wizard

    Latched operation provides an output that turns on when the transmitter button is pressed and remains on until the transmitter button is pressed again.

15. **Auxiliary 2 Mode:** Same as above.

16. **Auxiliary 3 Mode:** Same as above.

17. **Disarm with Aux 1:** When selected, activating the Auxiliary 1 output (usually used to open the trunk) will disarm the security system.

18. **Factory Upgrade Validation Mode:** Selects between Type 2, Type 1 or Disabled Mode.

    Type 2 (default) For most vehicles with a separate driver's and passenger unlock motor output. In this mode, the security system will NOT disarm if the unlock switch is pressed inside the vehicle's door.

    Type 1- For some vehicles where the Passenger Unlock Motor output is not available, connection of the Disarm Validation Input to the Parking light circuit is necessary. In this mode, the security system will NOT disarm if the unlock switch is pressed inside the vehicle's door. In this mode, the Disarm Input and the Disarm Validation Inputs require a positive pulse simultaneously. If the door unlock switch in the vehicle is pressed, the system will not disarm because the parking lights do not flash. If the doors are unlocked with the Factory Remote and the parking lights flash, the system will disarm. (Type 1 mode is not necessary if the unlock switch does not   function after the doors are locked by using the Factory Remote. Toyota, Mazda, ETC.

    Disabled- In this mode, the security system will disarm with the remote transmitter and the unlock switch inside the vehicle. Connection of the Disarm Validation input is not necessary.

19. **Disarm/Arm Input Polarity:** Selects between Positive or Negative Input Polarity

20. **Validation Input Polarity:** Selects between Positive or Negative Validation Input Polarity.

21. **Current Sense Mode:** When selected, Current Sense Mode will detect any change in the Vehicle's electrical system and trigger the security system. (Usually used for trunk trigger).

21. **System Mode:** When selected, the XP-1000 can be used as a Full Security System or just a Keyless entry system.

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:

1 flash	**=**	**Internal Impactl sensor**
2 flashes	**=**	**Optional Plug-In sensor**
3 flashes	**=**	**Sensor 2 Trigger**
4 flashes	**=**	**door Trigger**
5 flashes	**=**	**trunk Trigger**
6 flashe	**=**	**Sensor 3 Trigger**
7 flashes	**=**	**Ignition Sense Fault**
8 flashes	**=**	**Current Sense Trigger**

System Wiring

Connector J1

Pin 1 **BLACK WIRE:** Ground Input (-). The Black wire must connect to a solid chassis ground. Clean away any paint or dirt to insure the best possible ground.

Pin 2 **YELLOW WIRE:** +12V Ignition Input. The Yellow wire must connect to a main ignition wire at the ignition harness. This wire must show +12V when the ignition is ON and remain ON while cranking.

Pin 3 **VIOLET WIRE:** Positive door trigger Input (+). Connect to the door switch circuit wire that shows +12V when the door is open. This type of door circuit is usually found on Ford vehicles.

Pin 4 **BLACK/WHITE WIRE:** Horn Output (-) 500mA Activate the vehicle's horn when the alarm is triggered. . Connect to an optional relay to trigger High Current horn circuits.

Pin 5 **WHITE WIRE:** Parking Light Output (+/-) relay. Connect the White wire to the circuit that shows +12V or ground only when the parking lights are on and set the internal parking light relay jumper to the proper polarity. For parking light circuits exceeding 10 amps, a relay is required. For vehicle's with independent left and right parking light circuits, diodes must be installed to keep the circuits separate.*NOTE: Do not connect the WHITE wire to the vehicle's headlight circuit.*

Pin 6 **BROWN WIRE:** Negative door trigger Input (-). Connect to the door switch circuit wire that shows ground when the door is open.

Pin 7 **RED WIRE:** +12V Battery Input (15A Fuse). The RED wire must be connected to a clean source of continuous +12V power usually at the ignition switch.

Pin 8 **ORANGE WIRE:** Armed Output (-) 500mA. The Orange wire provides a ground output while armed to activate an optional starter defeat relay or other device such as a power window control module.

Connector J2

Pin 1 **WHITE/BLACK WIRE:** Siren Output (+) 3A. This wire must connect to the siren's red wire. The Black siren wire must be grounded.

Pin 2 **DARK GREEN WIRE:** Trunk trigger Input (-). Connect to the trunk's pin switch. The switch must provide a ground output when opened.

Pin 3 **BLUE/WHITE WIRE**: Sensor 2 Input (-) for extra pin switches, sensors or separate door triggers.

Pin 4 **LIGHT GREEN WIRE:** Sensor 3 Input (-) for extra pin switches, sensors or separate door triggers.

Pin 5 **GREEN/WHITE WIRE:** Dome Light Activation Output (-) 500mA. Connect to LOW Current door switch or Dash light dimmer/dome light switch or an optional relay for a HIGH Current dome light circuit.

Pin 6 **BLUE/WHITE WIRE:** Auxiliary 1 Output (-) 500mA.

Pin 7 **GREEN/BLACK WIRE:** Auxiliary 2 Output (-) 500mA.

Pin 8 **BLUE WIRE:** Auxiliary 3 Output (-) 500mA.

Connector J3

Pin 1 **GREEN WIRE:** Lock Output (+/-) Connect to vehicles lock switch wire.

Pin 2 **RED WIRE:** 12volt output for optional Door Lock/Unlock relay module or Inverter. (Do not use to supply 12 volts to regular 5 pin relays)

Pin 3 **BLUE WIRE:** Unlock Output (+/-) Connect to vehicles +/- pulse Unlock switch wire.

Connector J4

2-Pin Red Connector: Plug-in connector port for LED. Mount the LED in an area where it may be easily seen from either side of the vehicle.

Connector J5

2-Pin Blue Connector: Plug-in connector port for valet switch. Mount the valet switch in an area that is easily accessible from the driver's position.

Connector J6

4-Pin White Connector : Plug-in connector port for optional sensor.

Connector J7

Pin 1 **RED/BLACK WIRE:** Disarm Validation Input (+/-).

For Type 2 Mode- connect to the vehicles unlock motor wire that shows positive or negative when pressing the Factory Remote's unlock button twice.(usually described as Passenger Unlock Motor).

For Type 1 Mode- connect to the vehicle's parking light circuit.

Disabled Mode- not used .

Pin 2 **GREEN/WHITE WIRE:** Arm Input (+/-) Connect to the vehicle's lock motor wire that shows Positive or Negative when pressing the Factory Remote's lock button

Pin 3 **RED WIRE:** Disarm Input (+/-). Connect to the vehicles unlock motor wire that shows Positive or Negative when pressing the factory Remote's unlock button once. (Drivers unlock motor)

Pin 4 **BLUE/BLACK WIRE:** Passenger Unlock Output (-) Connect for optional two-stage unlock operation.

Pin 5 **BLUE WIRE:** Trunk Trigger Disable Input (+). Connect this wire to the positive side of the trunk release circuit. This input wire will allow the XP-1000 System to sense when the Trunk Release Button is Pressed . At the instant a positive pulse is sensed on this wire, all trigger inputs are bypassed to prevent a false alarm. When all inputs are inactive the system will re-arm all inputs after 4 seconds.

Shock Sensor

The AS62UG is equipped with an On Board Shock Sensor that is adjustable through an adjustment knob that is located on the side of the Main Control Unit.

Turn knob counter-clock wise for Minimum Sensitivity.
Turn knob clock wise for Maximum Sensitivity.

Programming Branch Table

Branch	Feature	Button 1 (default)	Button 2	Button 3
1.	Arm Mode	Manual Arming	Passive Arming	
2.	Auto Rearming Mode	Disabled	Enabled	
3.	Ignition Door Locking	On	Set Override Code	
4.	Ignition Door Unlocking	Unlock All	Unlock Driver Only	Off
5.	Door Unlock Pulse	Single	Double	
6.	Door Lock Pulse Length	1 second	3 seconds	0.1 seconds
7.	Passive Door Locking	Disabled	Enabled	
8.	Ignore Open Door Report	Off	Ignore	
9.	All Chirps/Honks	Enable	Disable	
10.	Horn Honk	Enable	Disable	
11.	Horn Honk Length	Short	Normal	Extended
12.	Parking Lights Mode	Normal	30Sec ON	
13.	Aux 2 Auto Activate	Disabled	Enabled	
14.	Aux 1 Mode	Pulsed	Timed	Latched
15.	Aux 2 Mode	Pulsed	Timed	Latched
16.	Aux 3 Mode	Pulsed	Timed	Latched
17.	Disarm with Aux 1	Enabled	Disabled	
18.	Validation Mode	Type 2	Type 1	Disabled
19.	Disarm/Arm input Polarity	Positive	Negative	
20.	Validation Input Polarity	Positive	Negative	
21.	Current Sense	Disable	Enable	
22.	System Mode	Full Security	Key-Less Entry	

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J7
- Red/Black — Disarm Validation Input (+/-)
- Green/White — Arm Input (+/-)
- Red — Disarm Input (+/-)
- Blue/Black — Passenger Unlock Output (-)
- Blue — Trunk Trigger Disable Input (+)

J3
- Green — Lock Output (+/-)
- Blue — Unlock Output (+/-)

J4 — 2- Pin Red Connector Port for LED

J5 — 2- Pin Blue Connector Port for Valet Switch

J6 — 4- Pin White Connector Port for Optional sensor

J2
Wire	Function
White/Black	Siren Output (+) 3A
Dark Green	Trunk Trigger Input (-)
Blue/White	Sensor 2 Input (-)
Light Green	Sensor 3 Input (-)
Green/White	Dome Light Activation (-)500mA.
Blue/Black	Auxiliary 1 Output (-) 500mA
Green/Black	Auxiliary 2 Output (-) 500mA
Blue	Auxiliary 3 Output (-) 500mA

J1
Wire	Function
Black	Ground Input (-)
Yellow	12V Ignition Input (+)
Violet	Positive Door Trigger Input (+)
Black/White	Horn Output (-)
White	Parking Light Output (+/-)
Brown	Door Trigger Input (-)
Red	12V battery Input (+)
Orange	Armed Output (-)

Antenna

Not Used