

DELUXE 2-WAY ALARM & REMOTE START SYSTEM

Transmitter/Controller Operations:

- LOCK/ARM:** Press and release "lock" once
- UNLOCK/DISARM:** Press and release "unlock" once
- TRUNK RELEASE/2ND CH:** Press "trunk" for 3 seconds
- REMOTE START:** Press "start" twice in 5 seconds
(see user feature #8 for options)
- PANIC:** Press "lock" or "unlock" for 3 seconds
- 3RD CHANNEL:** Press "trunk & start" for 3 seconds
- 4TH CHANNEL:** Press "lock" & "trunk" for 3 seconds
- 5TH CHANNEL:** Press "unlock" & "start" for 3 seconds
- SILENT ARM/DISARM:** Press "trunk" twice in 5 seconds
- SENSOR BYPASS:** Press "trunk" within 5 seconds of arming the alarm

Technology



Feature Programming:

1. Turn the ignition key "on", then "off"
2. Within 7 seconds of step 1, press the valet switch 5 times (user features) or 10 times (installer features). This siren/horn will sound.
3. Press the valet switch the number of times equal to the feature number you wish to access.
4. Press the controller/transmitter button that corresponds to the desired setting.
5. To change additional features, repeat steps 3-4.
6. To exit programming, turn the ignition key "on", then "off" or the system will exit automatically if there is a 10 second delay between any steps.

Tach Learning Procedure:

1. Turn the ignition key "on"
2. Within 10 seconds of step 1, press the brake pedal 5 times. The siren/horn will chirp 5 times.
3. Start the engine with the key. When tach is successfully learned, the status light will turn on solid.
4. If you need to relearn a later tach signal due to cold start/high idle, you can press the valet switch once to learn the current tach signal. The status light will turn off and back on to indicate it has relearned.

Programming Controllers/Transmitters:

1. Be sure to have all controllers/transmitters present and be sure the system is in a disarmed/unlocked state.
2. Turn the ignition key "on".
3. Within 7 seconds of step 1, press the valet switch 5 times. The siren/horn will sound.
4. Press LOCK on one transmitter/controller until you hear a single chirp.
5. Repeat step 4 for each transmitter/controller to be programmed.
6. To exit programming, turn the ignition key "off" or the system will exit automatically if there is a 10 second delay between any steps.

The 2-Way Controller

Part number: 159-03
Battery: 2 x CR2032
Frequency: 433MHz



1. LOCK button
2. UNLOCK button
3. TRUNK button

The 1-Way Transmitter

Part number: 1411-03
Battery: 1 x CR2032
Frequency: 433MHz

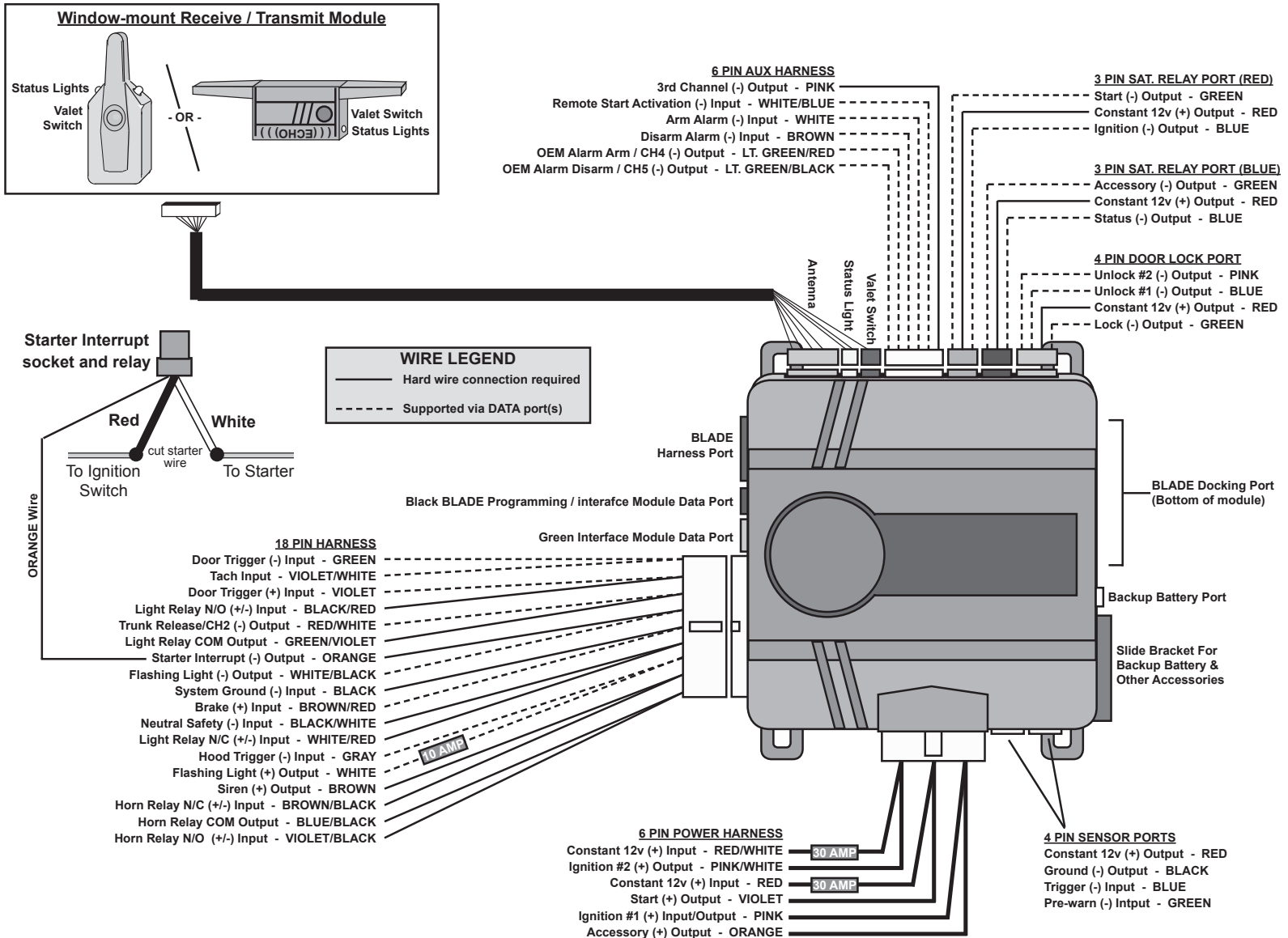


4. START button
5. PROGRAMMING button

Programmable Features Matrix

User Feature Programming: Ignition on, off, press valet 5 times					
# Feature	Lock Button (Brake x 1)	Unlock button (Brake x 2)	Trunk button (Brake x 3)	Start button (Brake x 4)	Lock + Unlock (Brake x 5)
1 Remote Start Run Time	10 min	5 min	15 min	20 min	
2 Flashing Light Confirmations	Unlock: ON RS: ON	Unlock: ON RS: Flash	Unlock: Flash RS: ON	Unlock: Flash RS: Flash	
3 Confirmation Chirp Volume	Low	Med-Low	Med-High	High	
4 BROWN Wire: Siren / Pulsed Horn	Pulse LOW	Pulse MED	Pulse HI	Steady Siren	
5 Ignition Lock / Unlock	Off	Ign On = Lock	Ign. Off = Unlock	Lock + Unlock	
6 Door Open Bypass for Feat. #5	On	Off			
7 Unlock w/ Trunk Release	On	Off			
8 RS Activation (Remote)	Start x 1	Start x 2	Start x 3	Start x 4	
9 Last Door Arming	Off	On w/o Lock	On w/ Lock		
10 Automatic Rearming	Off	On w/o Lock	On w/ Lock	Enhanced	
11 Confirmation Chirps	Siren + Horn	Siren Only	On Demand	Off	
12 Anti-Carjacking	Ignition	Door	Ignition + Door	Off	
13 Secure Code	Read Operation Guide For Programming Instructions				
14 Ignition Override	On	Off			
15 Alarm Trigger Duration	30 sec	60 sec	90 sec	120 sec	
16 Arming Delay	3 sec	15 sec	30 sec	45 sec	
17 Open Door Warning Upon Arming	On	Off			
Installer Feature Programming: Ignition on, off, press valet 10 times					
1 RS Activation (WHITE/BLUE wire)	1 Pulse	2 pulses	3 pulses	4 pulses	
2 PINK/WHITE Wire	Ignition	Accessory	Starter		
3 Engine Detection	Tachless Hi	Tachless Lo	Tach Wire	Data-tach	Crank Only
4 Gasoline or Diesel Engine	Gasoline	15 sec Diesel	20 sec Diesel	30 sec Diesel	
5 Light Relay Function	Dome Light	Start	Ignition	Accessory	Status
6 Blue Sat Port BLUE Wire	Ignition	Status	Pulse After Start below freezing	Pulse After Engine Off	Horn
7 Crank Time	0.75 sec	1 sec	1.5 sec	2.25 sec	
8 Door Lock/Unlock Outputs	0.8 sec	3 sec	Double Unlock	Total Closure	
9 Remote Start Lock Control	Off	Lock after Start	Unlock before Start	Lock + Unlock	
10 Turbo Timer	Off	1 min	2 min	3 min	
11 Manual Transmission	On	Off			
12 Data Port Protocol	Green: DBI Black: DBI	Green: iData Black: iData	Green: DBI Black: iData	Green: iData Black: DBI	
13 Alarm Functions	On	Off			
14 Pulse Ign. on Disarm	On	Off			
15 Lock On Prewarn	On	Off			
16 Starter Interrupt	Alarm Only	Anti-grind Only	Alarm/Anti-Grind	Automatic	
17 Low Temp Crank Extender	0 ms	200 ms	300 ms	400 ms	
18 Arm/Disarm or CH. 4/5	Arm/Disarm	Arm/CH. 5	CH. 4/Disarm	CH. 4/CH.5	
19 Horn Relay Function	Horn	Ignition	Trunk Release	Pulse After Start	
20 Low Current/Motorcycle Mode	On	Off			

AL-1660/1860/1865/2060-EDPB Wiring Overview Diagram



AL-1860-EDPB Parts List

Part Number	Description
AU-84Tn	Dual zone magnetic shock sensor
AU-73M	NEW mini 6-tone siren
T/S-ANT-ECHO	Window mount antenna module
H-RS6B	6-pin/6-wire main power harness, 50cm long
H-RS18A	18-pin/18-wire secondary harness
H-RS6C	6-pin/6-wire small accessory harness
H-ANT-ECHO-COLOR	Antenna module harness
DLP-N4	4-pin/3-wire door lock/unlock harness
RS-OUTPUT	3-pin/3-wire satellite relay port harness
AU-47	Pinswitch
AU-BATPACK	backup battery clip, holder, and harness