EXCALIBUR AL-1510-EDP

2-WAY KEYLESS ENTRY & SECURITY SYSTEM

Transmitter/Controller Operations:
LOCK/ARM: Press and release "lock" once
UNLOCK/DISARM: Press and release "unlock" once
TRUNK RELEASE/2ND CH: Press "⊙" for 3 seconds
3RD CHANNEL/REMOTE START: Press "⦿" twice in 5 seconds *(see user feature #21 for options)*
4TH CHANNEL: Press "lock" & "⊙" for 3 seconds
5TH CHANNEL: Press "unlock" & "⦿" for 3 seconds
PANIC: Press and hold "lock" or "unlock" for 3 seconds
SILENT ARM/DISARM: Press "⊙" twice in 5 seconds
SENSOR BYPASS: Press "⊙" within 5 seconds of locking/arming the alarm

Technology

(((ECHO TECHNOLOGY)))

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 5 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.

To exit programming, turn the ignition key "off" or the system will exit automatically if there is a 10 second delay between any steps.

Feature Programming:

1. Turn the ignition key "on, then "off"
2. Within 5 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.

The 2-Way Controller
Part number: 152-03
Battery: 1 x AAA
Frequency: 433MHz

The 1-Way Transmitter
Part number: 1411-03EB
Battery: 1 x CR2032
Frequency: 433MHz
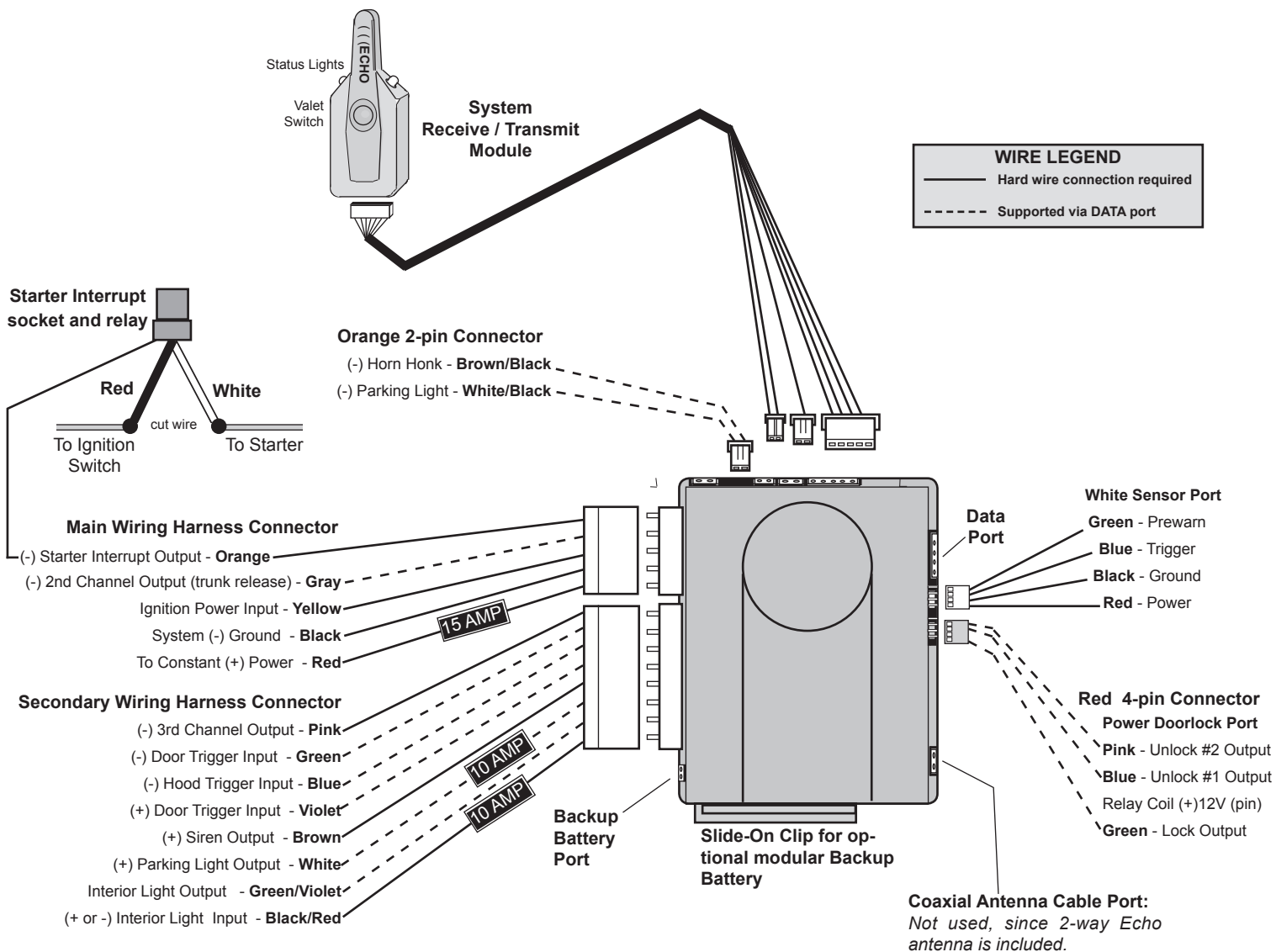
1. LOCK button
2. UNLOCK button
3. TRUNK button
4. 3RD CH/START button
5. PROGRAMMING button

Programmable Features Matrix

User Feature Programming: Ignition on, off, press valet 5 times, press valet # of times equal to the feature #				
# Feature	Lock Button	Unlock button	Trunk button	"START" button
1 Secure Code	1, 0 (default)			
2 Last Door Arming	Off	On w/o lock	On w/ Lock	
3 Automatic Rearming	Off	On w/o lock	On w/ Lock	
4 Starter Interrupt Functions	Alarm	Off	Automatic	
5 Ignition Override	On	Off		
6 Lock w/ Ignition On	On	Off		
7 Unlock w/ Ignition Off	Off	Unlock #1	Unlock #2	Unlock #1 & #2
8 Open Door Bypass For Ign. Locks	On	Off		
9 Confirmation Chirps	On	Off	Except Valet mode	Valet Mode Only
10 Chirp Volume	Low	Med Low	Med Loud	Loud
11 Alarm Cycle	30 sec	60	90	120
12 Lights Upon Disarm	On	Off		
13 Disarm Upon Trunk Release	On	Off		
14 Arming Delay	3 sec	15	30	45
15 Siren Output	Steady	Pulse Horn Lo	Pulse Horn Med	Pulse Horn Hi
16 Alarm Functions Bypass	On	Off		
17 Ignition Anti-carjack	On	Off		
18 Door Anti-carjack	On	Off		
19 Remote Anti-carjack	On	Off		
20 Open Door Warning On Arm	On	Off		
21 "lll" Button Function	3rd Channel	Panic	4th Channel	5th Channel
Installer Features				
22 Doorlock pulse	0.8 sec	3 sec	Double unlock	Total closure
23 (-) WHITE/BLACK wire Functions	OEM Arm	Parking lights	4th CH. Latching	4th CH. Pulsed
24 (-) BROWN/BLACK wire Functions	OEM Disarm	Horn Honk	5th CH. Latching	5th CH. Pulsed

AL-1510-EDP Wiring Overvi

Status Lights

Valet Switch

System Receive / Transmit Module

WIRE LEGEND
——— **Hard wire connection required**
- - - - - **Supported via DATA port**

Starter Interrupt socket and relay

Orange 2-pin Connector
(-) Horn Honk - **Brown/Black**
(-) Parking Light - **White/Black**

Red   **White**
cut wire
To Ignition Switch   To Starter

White Sensor Port
Green - Prewarn
Blue - Trigger
Black - Ground
Red - Power

Data Port

Main Wiring Harness Connector
(-) Starter Interrupt Output - **Orange**
(-) 2nd Channel Output (trunk release) - **Gray**
Ignition Power Input - **Yellow**
System (-) Ground - **Black**
To Constant (+) Power - **Red**

15 AMP

Secondary Wiring Harness Connector
(-) 3rd Channel Output - **Pink**
(-) Door Trigger Input - **Green**
(-) Hood Trigger Input - **Blue**
(+) Door Trigger Input - **Violet**
(+) Siren Output - **Brown**
(+) Parking Light Output - **White**
Interior Light Output - **Green/Violet**
(+ or -) Interior Light Input - **Black/Red**

10 AMP
10 AMP

Backup Battery Port

Slide-On Clip for optional modular Backup Battery

Red 4-pin Connector
Power Doorlock Port
Pink - Unlock #2 Output
Blue - Unlock #1 Output
Relay Coil (+)12V (pin)
Green - Lock Output

Coaxial Antenna Cable Port:
Not used, since 2-way Echo antenna is included.

AL-1860-EDPB Parts List

Part Number	Description
AU-84Tn	Dual zone magnetic shock sensor
AU-75MP	"2-in1" Psycho siren
T/S-ANT-ECHO	Window mount antenna module
H-ANT-ECHO-COLOR	Antenna module harness
05SR	5-pin/5-wire main power harness
08ATV2	8-pin/8-wire secondary harness
02-EDP	2-pin/2-wire harness
DLP-N4	4-pin/3-wire door lock/unlock harness
AU-47	Pinswitch
AU-BATPACK	backup battery clip, holder, and harness