

### Transmitter/Controller Operations:

**UNLOCK:** Press and hold "start" for 3 seconds

**REMOTE START:** Press "start" twice in 5 seconds  
(see installer feature #1 for options)



### The 1-Way Transmitter

**Part number: 113-03**

**Battery: 2 x CR2016**

**Frequency: 433MHz**

1. START/UNLOCK button

### 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 brake pedal the number of times that corresponds to the desired setting.  
*NOTE: If the brake circuit is powered by ignition, turn the key on prior to step 4.*
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.

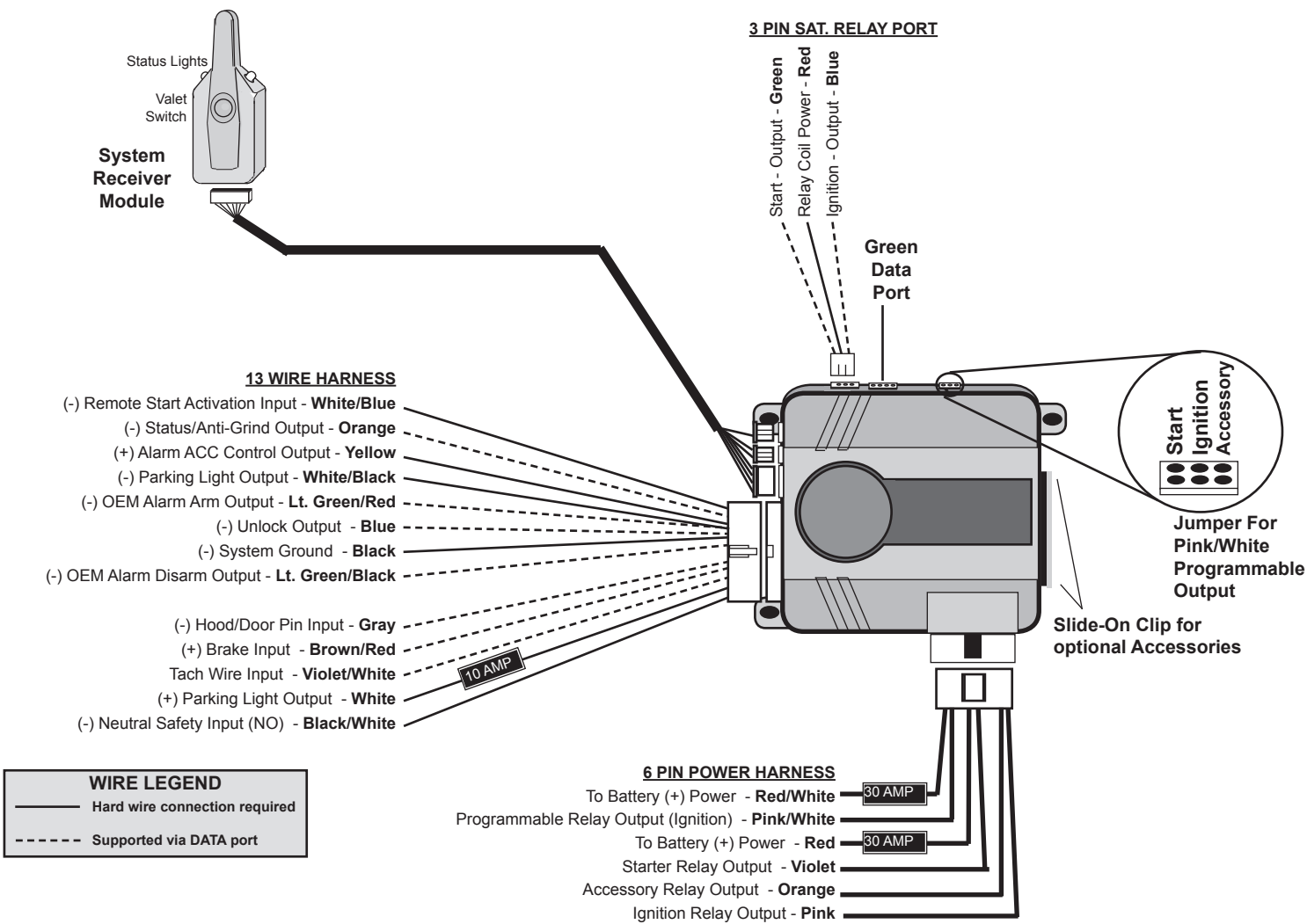
### Programming Controllers/Transmitters:

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 START 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.

### Programmable Features Matrix

User Feature Programming: Ignition on, off, press valet 5 times				
# Feature	Brake Pedal x 1	Brake Pedal x 2	Brake Pedal x 3	Brake Pedal x 4
1 Engine Run Time	10 min	5 min	15 min	20 min
2 Steady/Flashing lights for RS	Steady	Flashing		
Installer Feature Programming: Ignition on, off, press valet 10 times				
1 RS Activation	1 press	2 presses	3 presses	4 presses
2 Engine Detection	Tachless Hi	Tachless Lo	Tach Wire	Datatach
	Crank Only (Brake Pedal x 5)			
3 Gas or Diesel Engine	Gas	Diesel (15 sec delay)	Diesel (20 sec delay)	Diesel (30 sec delay)
4 Sat. Port Green Wire	Starter	Pulse After Start	Status	Domelight
5 Crank Time	0.7 Sec	1.00 Sec	1.5 Sec	2.25 Sec
6 Low Temp Crank Extender	0ms	200ms	300ms	400ms
7 Unlock Output	0.8 Sec	3 sec	Double Unlock	
8 Remote Start Lock Control	Off	N/A	Unlock Before Start	
9 Turbo Timer	OFF	1 min	2 min	3 min

# RS-230-DP Wiring Overview Diagram



## RS-230-DP Parts List

Part Number	Description
REC-1N	Window mount antenna module
H-RS6A	6-pin/6-wire main power harness, 75cm long
H-RS14B	14-pin/13-wire secondary harness
H-ANT-ECHO-COLOR	Antenna module harness
DLP-N3	3-pin/2-wire door lock/unlock harness
RS-OUTPUT	3-pin/3-wire satellite relay port harness
AU-47	Pinswitch