

# Platform # 01

# Firmware: HYDL

Installation  
Manual (1\2 Pages)

**Description: Hyundai Doorlock Alarm Interface (No Key Required)**

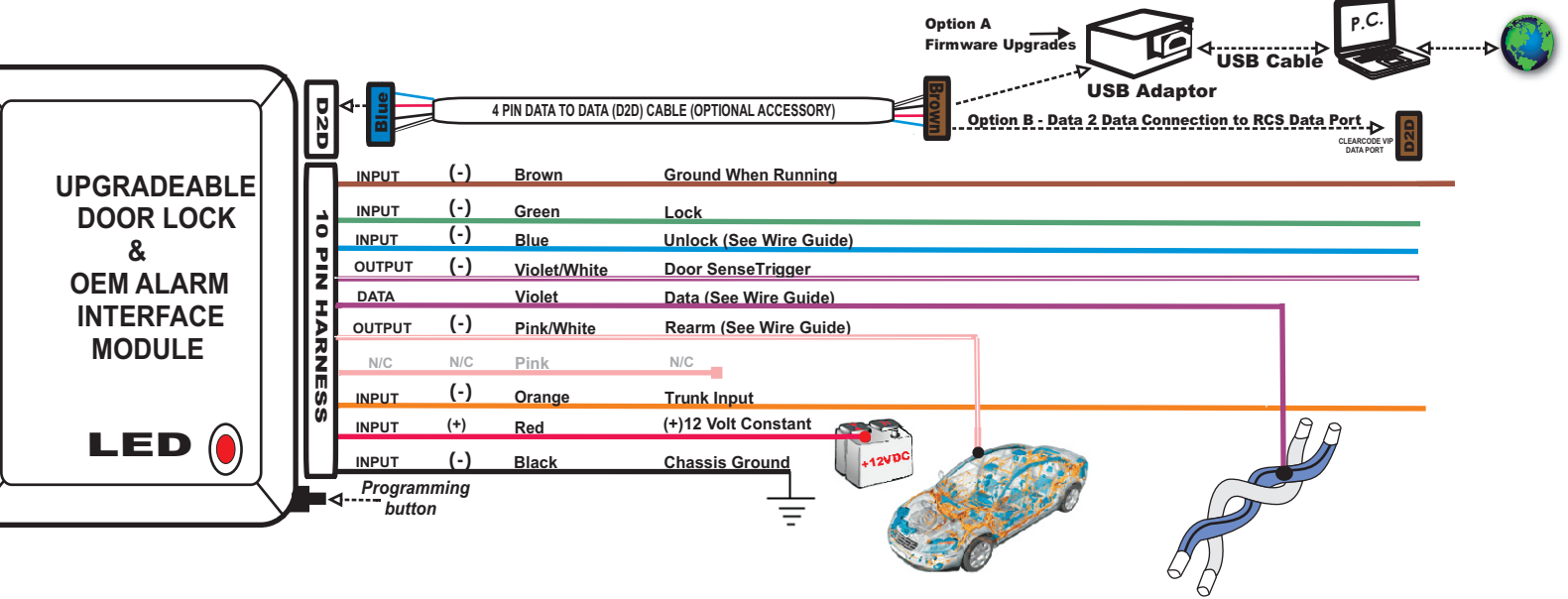
**Functions: Lock/Unlock, OEM Security Alarm Arm/Disarm, Trunk, Driver Door Priority**

Downloadable Firmware for Platform #01: AMDL, FODL, GMDL6, GMDL7, HODL4, HYDL, KIADL, KIADL2, TOYDL, VWDL, VWDL2

**WARNING: Before beginning your install go to [www.INTELLIKITS.com](http://www.INTELLIKITS.com) and be sure to print the LATEST corresponding installation manual for the firmware that is flashed to the platform you are using.**

## Section A

See Wire Connection Guide for detailed information regarding wire functionality



## Section B

### WIRE GUIDE: CONNECTIONS

10 PIN HARNESS → D2D = Optional use of 4 Pin Data to Data (D2D) cable will replace the analogue wire (w2w) connection

WIRE PIN#	WIRE COLOR	D2D w2w	I/O STATUS	(-) / (+)	Connect Location	SPECIFIC WIRE CONNECTION LOCATION	ACTIVATION and/or FUNCTIONALITY
1	Brown	D2D w2w	Input	(-)	RCS	Ground When Running Output of Remote Starter	OEM Security Arm/Disarm
2	Green	D2D w2w	Input	(-)	RCS	Connects to (-) Lock Output wire of RCS	Lock All Doors
3	Blue	D2D w2w	Input	(-)	RCS	Connects to (-) Unlock Output wire of RCS	Unlocks All Doors (See User Settings) *Driver door priority will NOT work while engine is running
4	Violet/White	D2D w2w	Output	(-)	RCS	Connects to (-) door trigger input wire of RCS	Detects Door status (open/closed) via data bus then converts to an analogue output (-)
5	Violet	w2w	Data		Vehicle	Connect to Blue/Black wire (twisted pair with White or Green wire) from driver door harness	Data Commands from Module to Vehicle
6	Pink/White	w2w	Output	(-)	Vehicle	Connect to Black/Orange wire of harness in driver kick panel	Rearms Factory OEM Security
7	Pink	N/C	N/C	N/C	N/C	N/C	N/C
8	Orange	D2D w2w	Input	(-)	RCS	Connects to (-) Trunk Release Output wire of RCS	Trunk Release
9	Red	D2D w2w	Input	(+)	Vehicle	Constant (+) 12 Volt Source	Power Source
10	Black	D2D w2w	Input	(-)	Vehicle	Chassis Ground	Ground Source

**Legend** RCS = Remote Control System N/C = No Connection N/A = Not Applicable w2w= analogue wire to wire D2D= data 2 data

**DATA to DATA PORT (D2D):** Blue connector of D2D Cable plugs into the upgradeable vehicle interface module.

OPTION A: - D2D Port used to connect to USB Bootloader adaptor & computer to download & flash vehicle interface firmware.

OPTION B: - D2D Port used to connect to the data port of a remote control system equipped with ClearCode Vehicle Interface Protocol.

Remote control systems designed with ClearCode VIP can securely communicate via the D2D cable to transmit & receive data commands which initiate specific vehicle function such as doorlocks & immobilizer override and /or request information from the vehicle such as status of entry points (doors) or ambient temperature, diesel glow plug etc... ClearCode VIP represents the doorway to vehicle integration...

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## Section C

### **VEHICLE PROGRAMMING:**

- 1) Once the module has been properly connected, LED comes **ON**.
- 2) Turn key to **IGNITION** position, LED goes **OFF**. Module is now programmed.

## Section D

### **USER SETTINGS - OPTIONAL PROGRAMMING:**

**NOTE: When using D2D, Driver's Priority is not available.**

**USER MODES** are identified by a slow LED flash pattern. 1 slow flash=Mode1, 2 slow flashes=Mode 2 etc.

- 1) Key "**OFF**" position, **press** and **hold** program button for 2 seconds, LED will flash rapidly for 2 seconds. Release button, LED will identify the **MODE** selection with a slow flash pattern (1- 8 slow flashes) and then will identify **OPTION** selection with a fast flash pattern. (1 or 2 fast flashes)
- 2) To change **MODE**, **push button** one time, LED will confirm **MODE** with slow flash pattern (1-8 slow flashes).
- 3) To change **OPTION SELECTION** within a **MODE**, **press LOCK or UNLOCK** button on the aftermarket remote control system. LED will identify option selection with either one or two fast flashes.
- 4) To save and exit programming, **press** and **hold button** until LED flashes one time rapidly, showing end of **OPTION** programming.

\* = Default

<b>MODE 1 =</b>	<b>*OPTION 1:</b> 1st Pulse Unlock All Doors (Default)	<b>OPTION 2:</b> 1st Pulse Unlock Driver Door, 2nd Pulse Unlock All Doors
<b>MODE 8 =</b>	<b>*OPTION 1:</b> No reset (Default)	<b>OPTION 2:</b> Complete reset of option and module