



Dallas iButton

The Dallas iButton is a rugged data carrier that serves as an electronic registration number for automatic identification. Data is transferred serially through the 1-Wire protocol, which requires only a single data lead and a ground return. The durable stainless-steel iButton package is highly resistant to environmental hazards such as dirt, moisture, and shock.



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The Dallas iButton can be used to disarm the Helios unit and identify the driver. You can program up to 2000 Dallas iButton codes into Helios memory.

Package content



- 1. DS1990A-F5 iButton (x 2)
- 2. Snap-in fob (x 2)
- 3. DS9092 iButton probe
- 4. Push-on type spring nut for panel mounting



Installing the Dallas iButton

Mount the Dallas iButton probe in the desired location on the panel. Cut the **KEYPAD connector** from the Helios wiring harness.

Connect the **black** wire from the Dallas iButton probe to the **black** wire on the KEYPAD cable.

Connect the **gray** wire from the Dallas iButton probe to the **blue/white** wire on the KEYPAD cable.

Do not use the **red** wire from the KEYPAD connector.





Programming the Dallas iButton code into Helios memory

Connect the Helios unit to the computer.

In the **Unit Status** window, press on **Learn Dallas iButton** and select the memory location for the Dallas iButton code.

6 843445
843445
Unit Number Address
Status Testing Comment
Ignition OnExtra 3 OffDoor ClosedAnalog 1: 0Emergency OffAnalog 2: 0Odometer OffAnalog 3: 0.39Arm offX: -0.25gDisarm offY: -0.5gExtra 1 OffZ: 0.75gExtra 2 OffRPM: 0
Inputs Outputs (Location (Various)
Mileage GPS GPS Send Text MDT Voice Call Learn Dallas iButton Learn Remote Control Clear Events
<u> </u>
Memory Location 1 Image: Contract of the second secon

Place the Dallas iButton onto the probe and click **Send** in the **Unit Status** window.



843445		
843445	-	2
Unit Number Address		(A)
Status Testing Comment		Helios Parameters
Mileage: 17423.36 Hardware: Helios Mol Unit time: 21/01/201 Time: 21/01/2016 16 Modern Signal: 31 Reason: Tracking		
Main Power: 11.47v Status: Idle Not charging Odometer: 44		M₂ Select <u>All</u> C Read from unit <u>⇒ S</u> end
Driver code: 7B3D Battery: Not connected		Unit Number: Address: 843445 +972
\Inputs (Outputs (Location) Various /		🚝 General 🛣 Network 🧭 Transmission Rates 🤤 Inputs 🤤 Outpu
En GPS		ID Code New
MDT Voice Call		1 7B3D Ø Remove
Learn Dallas ibutton Learn Remote Control Clear Events		
@ <u>S</u> end!		Save
Memory Location		
Signalling Output	• •	

The unit will read the code and it will appear as **Driver code** in the **Unit status** window and in **Helios Parameters** > **Driver IDs** tab.



Programming the code into Helios memory with the simulator

Connect the Helios unit to the computer by using the simulator. *NOTE*: Make sure the DLS/KYPD switch on the simulator is in the Dallas (DLS) position.



In the **Unit Status** window, press on **Learn Dallas iButton** and select the memory location for the Dallas iButton code.

6 843445	
843445	
Unit Number Address	
Status Testing Comment	
Ignition OnExtra 3 OffDoor ClosedAnalog 1: 0Emergency OffAnalog 2: 0Odometer OffAnalog 3: 0.39Arm offX: -0.25gDisarm offY: -0.5gExtra 1 OffZ: 0.75gExtra 2 OffRPM: 0	
 ➡ Mileage ➡ GPS → Send Text → MDT → Voice Call → Learn Dallas iButton → Learn Remote Control → Clear Events 	
Sendl	
Memory Location	
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Signalling Output	
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Place the Dallas iButton onto the probe (socket) on the simulator and click **Send** in the **Unit Status** window.

843445 Address Unit Number Address Status Testing Comment Mileage: 17423.36	€ Helios Parameters
Unit Number Address Status Testing Comment Mileage: 17423.36 Hardware: Helios Mol	Helios Parameters
Status Testing Comment	A Helios Parameters
Mileage: 17423.36 Hardware: Helios Mol	Hellos Parameters
Unit time: 21/01/201 Time: 21/01/2016 16 Modem Signal: 31 Reason: Tracking Main Power: 11.47v Status: Idle Not charging Odometer: 44 Driver code: 783D Battery: Not connected	Image: Select All Image: Select All Unit Number: Address: 843445 Image: Fight Process
Inputs (Outputs (Location) Various)	General X Network S Transmission Rates I Inputs Output ID Code I 783D Remove C Load S ave
Inputs (Outputs (Location) Various) Mileage GPS Send Text MDT Voice Call Learn Dallas iButton Learn Remote Control Clear E vents Image: Send! Image: Send! Image: Send! Image: Send!	General X Network S Transmission Rates Input D Code New New Remove Code Save

The unit will read the code and it will appear as **Driver code** in the **Unit status** window and in **Helios Parameters** > **Driver IDs** tab.