Introduction
This product can be used as a standalone product or in conjunction with an existing Directed product. It is compatible with most Directed Security, Remote Start and hybrid systems.

If the SmartStart Bluetooth module is being installed as a standalone device, refer to the Wiring Diagram for Standalone Applications and Feature Programming/Pair Selection sections. When installing the SmartStart Bluetooth system in standalone mode, no programming is required if you are using the default output settings. See the table in Feature Programming/RF Selection for the specific default settings for each of the four outputs.

If the SmartStart Bluetooth module will be connected to a compatible Directed system, first determine whether that system uses 6-pin or 4-pin IVU (RF) connectors. For 6-pin IVU systems, refer to the Wiring Diagram for use with Existing Product using Directed systems with 6-pin RF connectors. For 4-pin IVU systems, refer to the additional adapter harness connections in the 8210 RF Adapter Kit wiring diagram section.

Refer to the Simplified System Programming section for all applications where the SmartStart Bluetooth module will be connected to a compatible Directed system.

Mounting the Module
Determine an appropriate location for the DSM50BT module such as along the dashboard, in the trunk, or under the seat. Most this bracket first using the provided hardware and insert the module into it.

Wiring Diagram for Standalone Applications
The DSM50BT module comes with a mounting bracket and hardware. Mount this bracket first using the provided hardware and insert the module into it.

Wiring Diagram for use with Directed systems with 6-pin RF connectors

1. Unplug the existing system’s IVU cable from the Control Center/IVU.
2. Connect the IVU cable from the green port of the DSM50BT module to the existing Control Center/IVU.
3. Now connect the disconnected end of the Control Center/IVU systems only) IVU cable to the black connector of the Bluetooth module.
4. Connect the main harness connector end to the white port of the DSM50BT module and connect power and ground as noted in the table below.

If the SmartStart Bluetooth module is being installed as a standalone device, refer to the Wiring Diagram for Standalone Applications and Feature Programming/Pair Selection sections. When installing the SmartStart Bluetooth system in standalone mode, no programming is required if you are using the default output settings. See the table in Feature Programming/RF Selection for the specific default settings for each of the four outputs.

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4. Connect the main harness connector end to the white port of the DSM50BT module and connect power and ground as noted in the table below.
Feature Programming Procedure (standalone applications)

1. No programming is required if you are using the default flex output configuration as shown in the table above (bold options).
2. Following the procedure above to place the SmartStart Bluetooth in programming mode.
3. Press/release the Learn button (closer to the LED) to navigate to the desired menu step.
4. Feature settings for standalone mode start at Menu item 3, do not change the option settings for Menu items 1 or 2.
5. Press/release the Pair button (further away from LED) to navigate to the desired option (feature) for that menu step.
6. When you’ve configured the outputs to the desired settings, exit programming and use the SmartStart app on a handheld device to test the system.

RF Selection Procedure (when used with compatible system)

You must always select the correct RF type when connecting the SmartStart Bluetooth module to a compatible system or remote start system.

1. Follow the procedure above to place the SmartStart Bluetooth in programming mode.
2. Press/release the Learn button (closer to the LED) to navigate to the desired menu step.
3. RF Selection settings are shown in menu item 1 (Directed or Autostart systems) or Menu Item 2 (Autostart systems).
4. For Autostart systems, look up the correct option setting for Menu Item 2 in the Autostart RF Type Table.
5. Once you’ve selected the correct RF Setting to match the connected system, exit programming.

Paired with Connected System

1. Make sure the SmartStart Bluetooth module has been programmed correctly for RF type. If your system has RF transmitters, you can send a command via the transmitter, the system will respond if the Bluetooth module was programmed to the correct RF type. If it doesn’t respond, go back to RF Selection Procedure and make sure the correct option was selected.
2. Place the connected system in Transmitter Learn routine (refer to the installation guide for the specific connected system for correct procedure).
3. When the connected system has entered Transmitter Learn routine, press/release the Pair button on the SmartStart Bluetooth module (button further from the LED).
4. Press/release the learn button on the SmartStart Bluetooth module (closer to the LED) to navigate to the desired menu step.
5. Note: some systems have a very short window where they will accept a command during learning routine. Make sure you are pressing the Pair button on the SmartStart Bluetooth module during that window.
6. When you press the Pair button, the LED should flash blue indicating a lock command was generated, and the connected system should respond indicating it received the command and accepted the SmartStart Bluetooth module as an authorized transmitter.
7. If you get that acknowledgement, exit Transmitter Learn routine on the connected system. If you do not get that acknowledgement, go back to the RF Selection Procedure to make sure you selected the correct RF type for that system.

Autostart RF Type Table

<table>
<thead>
<tr>
<th>Menu</th>
<th>Feature</th>
<th>Option 1</th>
<th>Option 2</th>
<th>Option 3</th>
<th>Option 4</th>
<th>Option 5</th>
<th>Option 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>RF Learning 1</td>
<td>OFF (standalone)</td>
<td>Keeloq</td>
<td>Supercode</td>
<td>Auto</td>
<td>Comfort Closure 2</td>
<td>Comfort Closure 1</td>
</tr>
<tr>
<td>2</td>
<td>RF Programming 2</td>
<td>HDR-AM TYPE 1</td>
<td>HDR-AM TYPE 2</td>
<td>HDR-AM TYPE 3</td>
<td>HDR-AM TYPE 4</td>
<td>HDR-AM TYPE 5</td>
<td>HDR-AM TYPE 6</td>
</tr>
<tr>
<td>3</td>
<td>lock output</td>
<td>0.8 sec.</td>
<td>3.5 sec.</td>
<td>0.8 sec.</td>
<td>3.5 sec.</td>
<td>0.8 sec.</td>
<td>3.5 sec.</td>
</tr>
<tr>
<td>4</td>
<td>unlock output</td>
<td>0.8 sec.</td>
<td>3.5 sec.</td>
<td>0.8 sec.</td>
<td>3.5 sec.</td>
<td>0.8 sec.</td>
<td>3.5 sec.</td>
</tr>
<tr>
<td>5</td>
<td>Comfort Closure 2</td>
<td>C1</td>
<td>C2</td>
<td>C3</td>
<td>C4</td>
<td>C5</td>
<td>C6</td>
</tr>
<tr>
<td>6</td>
<td>Output 1 type</td>
<td>lock</td>
<td>lock</td>
<td>lock</td>
<td>lock</td>
<td>lock</td>
<td>lock</td>
</tr>
<tr>
<td>7</td>
<td>Output 2 type</td>
<td>lock</td>
<td>lock</td>
<td>lock</td>
<td>lock</td>
<td>lock</td>
<td>lock</td>
</tr>
<tr>
<td>8</td>
<td>Output 3 type</td>
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<td>lock</td>
<td>lock</td>
<td>lock</td>
<td>lock</td>
<td>lock</td>
</tr>
<tr>
<td>9</td>
<td>Output 4 type</td>
<td>lock</td>
<td>lock</td>
<td>lock</td>
<td>lock</td>
<td>lock</td>
<td>lock</td>
</tr>
</tbody>
</table>

For Autostart models, look up the RF mode Option number using the Auto start RF Type Table on page 2.