Where System and Interface Become One.
ON THE COVER:
We’ve chosen the Dodge RAM 2500 as the featured vehicle on our cover not only because it’s one of the top ten selling vehicles, but because it’s also one of the most compatible with a complete Directed Digital Security and Remote Start System.
# TABLE OF CONTENTS | 2014

**WELCOME TO THE DIRECTED DIGITAL SOLUTIONS PRODUCT GUIDE**

**USING THIS GUIDE**
- Directed Digital Systems
- The Five Categories
- The Navigation Key
- Features and Benefits

---

## The Directed Digital Systems Guide

### SYSTEM
- Directed Digital Systems
- Digital Remote Start System
- Digital Remote Start & Security System
- Vehicle-Specific Systems

### INTERFACE
- DBALL2 Digital Interface
- Combo Modules
- Transponder Bypass Modules
- Doorlock Modules

### CONTROL
- 3X Lock Start
- Viper & Directed SMARTSTART
- Viper & Directed SMARTSTART GPS
- Viper & Directed SMARTKey
- Viper Remote System RF Kits
- Clifford Remote System RF Kits
- Automate Remote System RF Kits
- Python Remote System RF Kits

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- Sensors
- Sirens & Modules
- Security Upgrades
- Switches & Relays

### TOOLS
- XKLoader3
- XKLoader2 & Online Tools

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© 2014 Directed
Directed Digital Systems merge remote start, security, interface and convenience functions into a single cpu, that provides you with a complete range of system options from just one sku.

Directed Digital Systems empower installers to become true technicians! Professional-grade programming apps, tools and components maximize system features and speed of installation.

Four simple steps unlock the power to configure like a pro.

1. Download the free Directechs mobile app to your device
2. Insert XLoader3 into the vehicle’s OBD2 port
3. Link your device to the vehicle using Bluetooth
4. Flash the system and configure your choice of features

The professional-grade tools and components of Directed Digital Systems bring your business to the next level.
The automotive world is a diverse one; just as diverse as the world of remote start and security solutions. Your customer needs a system with specific capabilities, and it’s up to you to know how to get there.

That’s why, at Directed, we’ve broken down our product line to its simplest form, and developed a configuration process that makes that journey a simple one.

Simplicity. The new direction.

Whether analog or digital, security or remote start, every Directed solution is comprised of an assortment of compatible components from five specific categories: system, interface, control, harnessing, and accessories.

Directed Digital Systems are created by choosing from an a-la-carte menu of five specific component types.
USING THIS GUIDE | THE NAVIGATION KEY

THE DIRECTED NAVIGATION KEY

In this Directed Digital Systems Guide, we’ve taken all the guesswork out of system configuration for any vehicle. As you go through the pages, you will find an easy to follow navigation key at the side of each page that conveniently cross-references each system component from the five categories with all of the other compatible, optional or required system components.

Making it easy to find your way.

The navigation key directs you to everything else you’ll need to complete your remote start and security installations. Using this guide, system configuration becomes a series of simple, easy-to-follow steps, making your business more efficient and more profitable.

As you select any component in this guide, this navigation key provides a quick reference for exactly what other components you will need for a complete system installation, and refers you to that specific page.

If any component in this guide either includes or doesn’t require a component from another category, the navigation key will tell you that as well, eliminating all of the guesswork, and saving you precious time and money.

The five categories are color-coded, making navigating through this guide, and finding the right solution, even easier.
The constantly evolving automotive market is adding new technologies to cars at an increasing rate. The advanced compatibility, flexibility and upgradability of Directed Digital Systems is the perfect solution to these rapid changes.

The features from this single digital device provide maximum compatibility, greater customer satisfaction and increased profitability for your business.

Taking you into the future.

Directed Digital Systems feature:

- faster and more flexible installations
- use as a stand-alone unit controlled via the OEM fob, or in conjunction with one of several RF control kits
- easier upgrades without removing the entire system and starting over
- connected-car with SMARTSTART enables the broadest suite of connected services ever offered
- greater per-car profit potential
- easier inventory management

Directed Digital Systems are compatible with almost all Directed RF technology, every security accessory, T-harness solution, external relay pack and Directed SMARTSTART, enabling the broadest suite of connected services ever offered.

Minimum components with maximum customization, Directed Digital Systems take you into the future with a new digital central hub for the most universal ‘a-la-carte’ platform of vehicle security and convenience solutions.

Directed Digital Systems are the most complete aftermarket cloud-connected-ready security, convenience and remote start platform.

www.directechs.com | Always check online for vehicle compatibility
Directed Digital Systems give you the freedom to create customized systems for every vehicle, and provide the perfect customer experience.

System and interface become one.

Build all your systems from the ground up with Directed Digital Systems, the world’s first a-la-carte architecture of its kind, and central to total customer satisfaction. First, start with your choice between the 4X10 Digital Remote Start System or the 5X10 Digital Remote Start Security Systems, then tailor them to meet the needs of each customer.

Directed Digital Systems give you the freedom to create customized systems for every vehicle, and provide the perfect customer experience.

System and interface become one.

Directed Digital Systems give you the freedom to create customized systems for every vehicle, and provide the perfect customer experience.

Digital systems are 3X Lock Start compatible when installed stand-alone. Consumers that want to keep their factory transmitter can now remote start by pressing the factory transmitter’s lock button 3 times to remote start the vehicle. Directed Digital Systems can also be controlled with world-class RF solutions and commanded from virtually anywhere in the world with Directed SMART START, allowing you to create the perfect system for every vehicle. Directed Digital Systems provide universal connectivity, fully customized installation and true opportunities to raise the bottom line of every sale.

Digital System Features

- Remote start and security functionality in a single hardware solution
- Directed RF and SMART START compatible
- Easier inventory management

Field flashable for the latest software and upgrades

- Relay pack option for older vehicles - don’t use it if you don’t need it
- Easy support of manual transmission and security functions
Digital Remote Start System

4X10
The State-of-the-Art Digital Remote Start Solution
The Directed 4X10 is an all-in-one RS system that covers over 95% of vehicles on the road today. Features multi bus advanced OBD2 connectivity for SMART START.

FEATURES
• Customizable features with Directechs
• RF port
• 2x Onboard high current relay
• D2D port
• Web configurable
• Manual trans mode
• Multi bus and advanced OBD2 connectivity
• RF loop compatible
• Relay pack control port
• SMART START compatible

INCLUDES
• (1) 4X10 Main Module
• (1) Secondary Harness
• (1) Main Harness
• (1) Relay Connector
• (1) Hood Pin Switch Assembly
• (1) D2D port

Visit www.directechs.com for vehicle compatibility and latest updates.

NOTE: Some applications may require the MC501 High Current Relay Pack in order to enable remote start. Please see page 42 for MC501 product details.

• Master carton quantity: 12
• UPC code: 093207090981

Visit www.directechs.com for vehicle compatibility and latest updates.
Digital Remote Start and Security System

5X10
The Complete Digital Remote Start Security Solution
The Directed 5X10 is an all-in-one comfort, convenience and security system that covers over 95% of vehicles on the road today. Features multi bus advanced OBD2 connectivity for SMART START.

Features
- Customizable features with Directechs
- RF port
- Shock Sensor port
- Siren output
- 2x Onboard high current relay
- D2D port
- Web configurable
- Manual trans mode
- Multi bus and advanced OBD2 connectivity
- RF loop compatible
- Relay pack control port
- SMART START compatible

Included
- (1) 5X10 Main module
- (1) 514LN Revenger® Siren*
- (1) 504D Shock Sensor*
- (1) Main Harness
- (1) Secondary Harness
- (1) Relay Connector
- (1) Hood Pin Switch Assembly
- (1) 8620 LED/Valet Combo Switch

Visit www.directechs.com for vehicle compatibility and latest updates.

NOTE: Some applications may require the MC501 High Current Relay Pack in order to enable remote start. Please see page 42 for MC501 product details.

• Master carton quantity: 6 • UPC code: 093207090998

What else do you need? to complete your installation

Visit www.directechs.com for vehicle compatibility and latest updates.
SYSTEM | VEHICLE-SPECIFIC SYSTEM KITS

Remote Start Systems for Mercedes-Benz

Vehicle-specific remote start systems for 2013 or older Mercedes-Benz provide a reliable OEM-like system integration, and offer seamless integration with the factory fob. These complete kits include everything you need for installation, and can be upgraded to provide additional control options such as extended range or SMARTSTART™, which allows starting the vehicle from a compatible smartphone.

COMPLETE KIT

MB164D

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• Keyless Go cable included

Visit www.directechs.com for vehicle compatibility and updates.

• Master carton quantity: 12 • UPC code: 093207095450

MB166D

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• Keyless Go cable included

Visit www.directechs.com for vehicle compatibility and updates.

• Master carton quantity: 12 • UPC code: 093207095467

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• Keyless Go cable included

Visit www.directechs.com for vehicle compatibility and updates.

• Master carton quantity: 12 • UPC code: 093207095481

COMPLETE KIT with SMARTSTART™

MB164SS

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• Keyless Go cable included

Visit www.directechs.com for vehicle compatibility and updates.

• Master carton quantity: 12 • UPC code: 093207095498

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• Keyless Go cable included

Visit www.directechs.com for vehicle compatibility and updates.

• Master carton quantity: 12 • UPC code: 093207095504

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• Keyless Go cable included

Visit www.directechs.com for vehicle compatibility and updates.

• Master carton quantity: 12 • UPC code: 093207095559

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• Keyless Go cable included

Visit www.directechs.com for vehicle compatibility and updates.

• Master carton quantity: 12 • UPC code: 093207095474

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• Keyless Go cable included

Visit www.directechs.com for vehicle compatibility and updates.

• Master carton quantity: 12 • UPC code: 093207095511
USING THIS GUIDESYSTEMINTERFACE
Digital Interface for Analog Systems

DBALL2
Databus ALL Interface Module featuring multi bus and advanced OBD2 connectivity for SMART START

The DBALL2 is an all-in-one door lock and override module that covers over 95% of cars on the road today. It will support legacy systems like VATS and PASSLOCK as well as support door locks and override on the most modern of cars like Toyota vehicles equipped with push button ignition systems and Chrysler vehicles with electronic ignition.

FEATURES
• Customizable features with Directechs
• Multi bus and advanced OBD2 connectivity
• RF loop compatible

INCLUDES
• (1) DBALL2 Module
• (1) Secondary Harness
• (1) Main Harness

Visit www.directechs.com for vehicle compatibility and latest updates.

• Master carton quantity: 24  • UPC code: 093207097492

What else do you need? to complete your installation

SYSTEM
SEE BRAND-SPECIFIC CATALOGS for systems

INTERFACE ON THIS PAGE

CONTROL
GO TO PAGE 23 and choose your control

HARNESSING
GO TO PAGE 33 and choose your harness

ACCESSORIES
GO TO PAGE 39 and choose your accessories

Visit www.directechs.com to verify compatibility
Combo Modules

**XK09**

Programmable Doorlock and Override Solution (CAN+J1850)

The XK09 module is a revolution in integration technology. It is a CAN high speed and J1850 module that also covers all single wire CAN vehicles. It is capable of stand alone remote start on almost all Chryslers, and can also be used as a range extender on GM OEM remote start systems.

**FEATURES**
- D2D
- W2W
- Transponder and Convenience Interface
- No Key Required
- CAN Compatible
- Upgradeable

**INCLUDES**
- (1) Control Module
- (1) Wiring Harness
- (1) Installation Guide
- (1) D2D Cable

**PKALL**

Preloaded Data Transponder All Interface

The PKALL is a data transponder bypass module that is compatible with more than 900 vehicle models from 1998 through 2010. Self learning & pre-configured with all software out of the box!

**FEATURES**
- D2D
- W2W
- PK Transponder Bypass
- No Key Required
- Push-to-Start Compatible
- Upgradeable

**INCLUDES**
- (1) Control Module
- (1) Wiring Harness
- (1) Installation Guide
- (1) D2D Cable

**PKTX**

Preloaded Ford 80bit Transponder Override

An encrypted key immobilizer bypass module that is compatible with all 40-bit and 80-bit Ford, Lincoln, Mercury, Jaguar, Mazda, Toyota, Lexus and Scion vehicles. The self-learning module is preloaded with all-in-one firmware and no key is required for operation.

**FEATURES**
- D2D
- W2W
- PK Transponder Bypass
- No Key Required
- Upgradeable

**INCLUDES**
- (1) Control Module
- (1) Wiring Harness
- (1) Installation Guide
- (1) D2D Cable
### Transponder Bypass Modules

#### XK05
Programmable Transponder Override
Programmable Immobilizer Data Override interface is preloaded with upgradeable firmware for all years Toyota, Lexus, Ford and Mazda vehicles. Programmable firmwares available for Honda/Acura, Hyundai, Kia, Nissan/Infiniti & GM.

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• Master carton quantity: 24

#### XK06
GM Transponder Data Override Interface
XK06 programmable immobilizer data override interface preloaded with upgradeable firmware (PKG7). Compatible with GM Hybrid Passlock Passkey immobilizer systems like that used on 2004-09 Chevrolet Malibu.

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• Master carton quantity: 24

#### PKFM
Ford/Mazda PATS Override Interface
PKFM is a new upgradeable data transponder override for all Ford and Mazda vehicles from 2006 - 2009. Preloaded with PKFORD firmware, the PKFM interfaces directly with the PATS module to temporarily override the factory immobilizer when remote starting.

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• Master carton quantity: 24

#### PKH34
Honda/Acura Data Override Interface
PKH34 is a fixed Honda and Acura Transponder Data Override Interface solution that works on all 2005-09 Honda and Acura vehicles, including select 2001-2004 models.

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• Master carton quantity: 24

#### PLJX
All Types GM Passlock Override Interface
PLJX is a “Self Configuring” unit designed to bypass all GM vehicles equipped with Passlock I, Passlock II, VATS, and the new style Passlock immobilizer found in the Saturn Ion & GM Colorado, Canyon, Cobalt, and Pursuit.

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• Master carton quantity: 24

#### PKUMUX
Chrysler GEN II & GM PK3+ RF Transponder Override with MUX
Transponder bypass for most Chrysler vehicles built after 2004 and will also work with GM vehicles including MUX activation. The PKUMUX module supports RF immobilizer bypass without having to give up one of the original keys.

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• Master carton quantity: 24

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Visit www.directechs.com to verify compatibility.

### What else do you need?

**TOOL**

See brand specific catalogs for systems.

**ACCESSORIES**

Go to page 39 and choose your accessories.

**HARNESSING**

Go to page 33 and choose your harness.

**CONTROL**

Go to page 29 and choose your control.

**INTERFACE**

Go to this page and choose your interface.

Visit www.directechs.com for vehicle compatibility and latest updates.
INTERFACE | ANALOG SYSTEM INTERFACE MODULES

For Select Models Of

Acura

Buick

Chevrolet

Chrysler

Dodge

Ford

Hyundai

Infiniti

Jeep

Kia

Lincoln

Lexus

Mazda

Mercedes-Benz

Mini

Nissan

Porsche

Toyota

Visit www.directechs.com to verify compatibility

What else do you need?
to complete your installation

SYSTEM

SEE BRAND-SPECIFIC CATALOGS for systems

INTERFACE

ON THIS PAGE

CONTROL

GO TO PAGE 23 and choose your control

HARNESSING

GO TO PAGE 33 and choose your harness

ACCESSORIES

GO TO PAGE 39 and choose your accessories

Visit www.directechs.com for vehicle compatibility and latest updates.

Transponder Bypass Modules • continued

PKUAVEO
General Motors Passkey 3 (PK3) and Passlock Override Kit
For 2009-10 Chevrolet Aveo, Pontiac G3 (Wave) and Suzuki Swift PK3+. Includes an RF loop for PassKey 3 override and analog output for Passlock immobilizer bypass. One key required for programming, no key required for operation.

FEATURES
• D2D

INCLUDES
• (1) Control Module
• (1) Wiring Harness
• (1) Installation Guide
• (1) D2D Cable

• Master carton quantity: 24
• UPC code: 093207076800

Doorlock Modules

DLPK
Canbus Multi Doorlock and Transponder Interface*
The DLPK is a CAN BUS interface kit that is compatible with over 800 vehicle models from 2000 through 2010 right out of the box! Self-learning & pre-configured with all software out of the box! RF loop compatible (see below).

FEATURES
• D2D
• W2W
• No Key Required
• Push-to-Start Compatible
• CAN Compatible
• Upgradeable

INCLUDES
• (1) Control Module
• (1) Wiring Harness
• (1) Installation Guide
• (1) D2D Cable

• Master carton quantity: 24
• UPC code: 093207062360

556UW
Universal Remote Start Interface
The 556UW remote start immobilizer interface module is used when installing remote start products in vehicles equipped with a transponder or RF (Radio Frequency) based immobilizer system.

FEATURES
• W2W
• PK Transponder Bypass
• Key Required

INCLUDES
• (1) Control Module
• (1) Wiring Harness
• (1) Installation Guide

• Master carton quantity: 24
• UPC code: 093207071676

XK01
Doorlock, Alarm Interface and GM Range Extender
XK01 programmable door lock and alarm control interface is preloaded with upgradeable firmware (AMDL) compatible with select GM*, Chrysler, Dodge and Jeep vehicles. Additional firmwares cover Ford, Mazda, Acura, Toyota and more!

*GM Passlock II and GM Passkey3 data override is also an included primary function of the preloaded AMDL firmware.

FEATURES
• D2D
• W2W
• No Key Required
• Range Extender Ready
• CAN Compatible
• Upgradeable

INCLUDES
• (1) Control Module
• (1) Wiring Harness
• (1) Installation Guide
• (1) D2D Cable

• Master carton quantity: 24
• UPC code: 093207056810

1101T
Universal Proximity Bypass Module
Designed to allow Remote Start operation in vehicles equipped with “Smart key” proximity passive entry systems with push to start. Uses one factory key and includes a coin cell battery adapter to provide power to the key when remote start is activated. No soldering to key is required.

FEATURES
• Key Interface
• RF ID Bypass
• Push-to-Start Compatible
• Key Required

INCLUDES
• (1) Control Module
• (1) Wiring Harness
• (1) Installation Guide
• (1) D2D Cable

• Master carton quantity: 24
• UPC code: 093207056604
CONTROL | 3X LOCK START

Some customers just love their OEM remote. Others just can’t afford the additional cost of upgrading to an RF kit or SMARTSTART control solution. No problem. Directed Digital Systems are 3X Lock Start compatible when installed stand-alone, enabling remote start by pressing the factory transmitter’s lock button three times to remote start the vehicle.

The right choice for each customer.

Customers can also upgrade to Directed RF or SMARTSTART solutions, and create a system tailor-made just for them, based on their own needs and budget. No matter which method of system control your customer chooses, Directed Digital Systems still provide universal connectivity, fully customized installation and greater profit potential.

3X LOCK START

PROS: CONS:

No Added Cost
3XLS is already built into the 4X10 and 5X10 Digital Systems

Limited Range
The range of factory fobs are measured in feet, not miles.

Customer-Friendly
3XLS allows customers to use the device they’re familiar with.

Limited Function
In some models, the vehicle remote becomes inoperable when the vehicle is running.

Limited Primary Controller
OEM fobs aren’t fully compatible with every advanced feature that Directed Digital Systems offer.

Reliable Backup Solution
Even if customers upgrade to an RF Kit or SMARTSTART, the OEM fob remains a well-accepted companion device.

Directed Digital System’s 3X Lock Start capability lets you tell your customers: “If you like your transmitter, you can keep your transmitter. Period.”
CONTROL | VIPER SMARTSTART

COMPLETE SECURITY AND CONVENIENCE CONTROL FROM YOUR SMARTPHONE

VSM200

VIPER SMARTSTART

Start and control your car from virtually anywhere with your smartphone.
Visit www.directechs.com for vehicle compatibility and latest updates.

- Master carton quantity: 6
- UPC code: 093207074677

Download the Free app: [App Store]

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VSM250

VIPER SMARTSTART GPS

Start, control and locate your car from virtually anywhere with your smartphone.
Visit www.directechs.com for vehicle compatibility and latest updates.

- Master carton quantity: 6
- UPC code: 093207085475

Download the Free app: [App Store]

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VSK100

VIPER SMARTKey 3

Your smartphone is now your keys. Lock and unlock your vehicle, hands-free.
Visit www.directechs.com for vehicle compatibility and latest updates.

- Master carton quantity: 24
- UPC code: 09320798239

Download the Free app: [App Store]

iPhone is a trademark of Apple Inc. “Made for iPhone” means that an electronic accessory has been designed to connect specifically to iPhone and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPhone may affect wireless performance. Android is a trademark of Google Inc. Use of this trademark is subject to Google Permissions. The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Directed is under license.

What else do you need? to complete your installation

SYSTEM
GO TO PAGE 11 and choose your system

INTERFACE
NOT REQUIRED

CONTROL
ON THIS PAGE

HARNESSING
NOT REQUIRED

ACCESSORIES
NOT REQUIRED

Visit www.directechs.com for vehicle compatibility and latest updates.

www.directechs.com | Always check online for vehicle compatibility
CONTROL | DIRECTED SMARTSTART

**DSM200**

DIRECTED SMARTSTART

Start and control your car from virtually anywhere with your smartphone.

Visit www.directechs.com for vehicle compatibility and latest updates.

- Master carton quantity: 6
- UPC code: 099207074691

**DSM250**

DIRECTED SMARTSTART GPS

Start, control and locate your car from virtually anywhere with your smartphone.

Visit www.directechs.com for vehicle compatibility and latest updates.

- Master carton quantity: 6
- UPC code: 099207085468

**DSK100**

DIRECTED SMARTKEY

Your smartphone is now your keys. Lock and unlock your vehicle, hands-free.

Visit www.directechs.com for vehicle compatibility and latest updates.

- Master carton quantity: 24
- UPC code: 099207098246

© 2014 Directed
Viper RF Kits

9211V
VIPER RF KIT
1-button 2-way
- Master carton quantity: 96
- UPC code: 093207062957

9656V
VIPER RF KIT
5-button 1-way
- Master carton quantity: 96
- UPC code: 09320796785

9856V
VIPER RF KIT
5-button 2-way LED
- Master carton quantity: 96
- UPC code: 09320796778

9756V
VIPER RF KIT
5-button 2-way LCD
- Master carton quantity: 96
- UPC code: 09320796778

ALL RF KITS INCLUDE
Companion Remote (as shown)
IVU Control Center Receiver
Wiring Harness

What else do you need?
to complete your installation

SYSTEM
GO TO PAGE 11 and choose your system

INTERFACE
GO TO PAGE 17 and choose your interface

CONTROL
ON THIS PAGE

HARNESSING
GO TO PAGE 33 and choose your harness

ACCESSORIES
GO TO PAGE 39 and choose your accessories

Visit www.directechs.com for vehicle compatibility and latest updates.

www.directechs.com | Always check online for vehicle compatibility
## Clifford RF Kits

### 9211X
- **CLIFFORD RF KIT**
- 1-button 2-way
  - Master carton quantity: 96
  - UPC code: 09320706971

### 9656X
- **CLIFFORD RF KIT**
- 5-button 1-way
  - Master carton quantity: 96
  - UPC code: 093207096969

### 9856X
- **CLIFFORD RF KIT**
- 5-button 2-way LED
  - Master carton quantity: 96
  - UPC code: 093207096983

### 9756X
- **CLIFFORD RF KIT**
- 5-button 2-way LCD
  - Master carton quantity: 96
  - UPC code: 09320796976

---

### What else do you need?

What else do you need to complete your installation?

- **SYSTEM**
  - Go to Page 11 and choose your system

- **INTERFACE**
  - Go to Page 17 and choose your interface

- **CONTROL**
  - Control on this page

- **HARNESSING**
  - Go to Page 33 and choose your harness

- **ACCESSORIES**
  - Go to Page 39 and choose your accessories

---

Visit [www.directechs.com](http://www.directechs.com) for vehicle compatibility and latest updates.
**Automate RF Kits**

- **9113A**
  - **Automate RF Kit**
  - 1-button 1-way LED
  - Master carton quantity: 24
  - UPC code: 93207092909

- **9142A**
  - **Automate RF Kit**
  - 4-button 1-way LED
  - Master carton quantity: 24
  - UPC code: 93207092916

- **9213A**
  - **Automate RF Kit**
  - 1-button 2-way LED
  - Master carton quantity: 24
  - UPC code: 93207092923

- **9242A**
  - **Automate RF Kit**
  - 4-button 2-way LED
  - Master carton quantity: 24
  - UPC code: 93207092930

- **9351A**
  - **Automate RF Kit**
  - 5-button 2-way LCD
  - Master carton quantity: 24
  - UPC code: 93207092947

Visit www.directechs.com for vehicle compatibility and latest updates.

**What else do you need?**

- **SYSTEM**
  - Go to Page 11 and choose your system

- **INTERFACE**
  - Go to Page 17 and choose your interface

- **CONTROL**
  - On this page

- **HARNESSING**
  - Go to Page 33 and choose your harness

- **ACCESSORIES**
  - Go to Page 39 and choose your accessories
Python RF Kits

**9211P**
PYTHON RF KIT
1-button 2-way
- Master carton quantity: 48
- UPC code: 093207081255

**9656P**
PYTHON RF KIT
5-button 1-way
- Master carton quantity: 24
- UPC code: 093207098598

**9856P**
PYTHON RF KIT
5-button 2-way LED
- Master carton quantity: 24
- UPC code: 093207098611

**9756P**
PYTHON RF KIT
5-button 2-way LCD
- Master carton quantity: 24
- UPC code: 09320798604

Visit www.directechs.com for vehicle compatibility and latest updates.

**What else do you need?**
- **SYSTEM**
  - Go to Page 11 and choose your system
- **INTERFACE**
  - Go to Page 17 and choose your interface
- **CONTROL**
  - On this page
- **HARNESSING**
  - Go to Page 33 and choose your harness
- **ACCESSORIES**
  - Go to Page 39 and choose your accessories

**ALL RF KITS INCLUDE**
- Companion Remote (as shown)
- IVU Control Center Receiver
- Wiring Harness
HARNESSING | VEHICLE-SPECIFIC PLUG-N-PLAY T-HARNESSES

CHRYSLER

THCHC1

Chrysler TIP Start T-Harness
4X10/5X10 harness compatible with select TIP-START models from 2008

SUPPORTS

<table>
<thead>
<tr>
<th>Chrysler</th>
<th>Dodge/Ram</th>
</tr>
</thead>
<tbody>
<tr>
<td>300/300c</td>
<td>Grand Caravan</td>
</tr>
<tr>
<td>Town &amp; Country</td>
<td>Journey</td>
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<tr>
<td>1500</td>
<td>Ram</td>
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<td>2500</td>
<td>Jeep</td>
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<td>3500</td>
<td>Commander</td>
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<td>C/V</td>
<td>Grand Cherokee</td>
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<td>Challenger</td>
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<tr>
<td>Charger</td>
<td>Routan</td>
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<tr>
<td>Durango</td>
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</tbody>
</table>

Visit www.directechs.com to verify vehicle compatibility.

- Master carton quantity: 100  
- UPC code: 093207096624

THCHC2

Chrysler MUX Style T-Harness
4X10/5X10 harness compatible with select installs on MUX Style models from 2005

SUPPORTS

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<tr>
<th>Chrysler</th>
<th>Dodge/Ram</th>
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<tr>
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<td>300/300c</td>
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<td>Aspen</td>
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<td>Sebring Sedan</td>
<td>Grand Cherokee</td>
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<td>Dodge/Ram</td>
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<td>Patriot</td>
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<td>Caliber</td>
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<td>Raider</td>
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<tr>
<td>Durango</td>
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</table>

Visit www.directechs.com to verify vehicle compatibility.

- Master carton quantity: 100  
- UPC code: 093207096631

THCHC3

Chrysler PTS Type T-Harness
4X10/5X10 harness compatible with select installs on PTS Type models from 2011

SUPPORTS

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<th>Chrysler</th>
<th>Dodge/Ram</th>
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<tr>
<td>2500</td>
<td>Journey (SK)</td>
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</table>

Visit www.directechs.com to verify vehicle compatibility.

- Master carton quantity: 100  
- UPC code: 093207097447

SK = Smart Key  
SAK = SA 80-bit Key

GENERAL MOTORS

THGM610C

General Motors Key Type T-Harness
4X10/5X10 harness compatible with select installs on GM6 and GM10 models from 2006

SUPPORTS

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<th>Cadillac</th>
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<td>Encore</td>
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<td>Caprice</td>
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<td>Sierra 1500</td>
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<td>Equinox</td>
<td>Terrain</td>
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<td>Express Van</td>
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<td>Silverado</td>
<td>Torrent</td>
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<td>Silverado</td>
<td>Saturn</td>
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<td>Traverse</td>
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Visit www.directechs.com to verify vehicle compatibility.

- Master carton quantity: 100  
- UPC code: 093207096600

Visit www.directechs.com to verify vehicle compatibility.

- Master carton quantity: 100  
- UPC code: 093207096600

What else do you need?

to complete your installation

SYSTEM
GO TO PAGE 11 and choose your system

INTERFACE
GO TO PAGE 17 and choose your interface

CONTROL
GO TO PAGE 25 and choose your control

HARNESSING
ON THIS PAGE

ACCESSORIES
GO TO PAGE 39 and choose your accessories

Visit www.directechs.com for vehicle compatibility and latest updates.

DIRECTED.
### TOYOTA/LEXUS

**THTLC12**

**Toyota/Lexus PTS Type T-Harness**

4X10/5X10 harness compatible with select TL1 and TL2 type models from 2007

<table>
<thead>
<tr>
<th>SUPPORTS</th>
<th>Toyota</th>
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<td>ES 350 (SK)</td>
<td>Camry (SK)</td>
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<td>HS 260h (SK)</td>
<td>Camry Hybrid</td>
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<td>LS 460 (SK)</td>
<td>Corolla (SK)</td>
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<td>LS 600h (SK)</td>
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<td>Venza (SK)</td>
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</table>

Visit www.directechs.com to verify vehicle compatibility.

- **Master carton quantity:** 100
- **UPC code:** 093207096594

### FORD

**THFC1**

**Ford T-Harness**

4X10/5X10 harness compatible with select FORD4 and FORD6 models from 2011

<table>
<thead>
<tr>
<th>SUPPORTS</th>
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<td>Explorer (SAK)</td>
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<td>Taurus (SAK)</td>
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</tbody>
</table>

Visit www.directechs.com to verify vehicle compatibility.

- **Master carton quantity:** 100
- **UPC code:** 093207097461

### NISSAN/INFINITI

**THNISS3C**

**Nissan/Infiniti PTS Type T-Harness**

4X10/5X10 harness compatible with select installs on PTS Type models from 2006

<table>
<thead>
<tr>
<th>SUPPORTS</th>
<th>Nissan</th>
<th>Infiniti</th>
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<tbody>
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<td>Altima Coupe (SK)</td>
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</table>

Visit www.directechs.com to verify vehicle compatibility.

- **Master carton quantity:** 100
- **UPC code:** 093207096617

---

**What else do you need?**

Visit www.directechs.com to complete your installation.

- **System**: Go to page 11 and choose your system
- **Interface**: Go to page 17 and choose your interface
- **Control**: Go to page 29 and choose your control
- **Harnessing**: On this page

Visit www.directechs.com for vehicle compatibility and latest updates.

**SK** = Smart Key   **SAK** = SA 80-bit Key

Visit www.directechs.com always check online for vehicle compatibility.
RF transponder loops can be plugged into the interface module to control comfort and convenience features as well as transponder bypass solutions with one single module. It replaces the need to use a second module on certain vehicles to bypass the anti-theft system.

**RF transponder loops**

**RFLCH**
- RF immobilizer bypass
- Supports most Chrysler models built prior to 2004
  - Master carton quantity: 100
  - UPC code: 093207063855

**RFLMIT3**
- RF immobilizer bypass
- Supports most Mitsubishi models from 2004 to 2008
  - Master carton quantity: 100
  - UPC code: 093207063879

**RFLKIA2**
- RF immobilizer bypass
- Supports Kia Amanti from 2004 to 2007
  - Master carton quantity: 100
  - UPC code: 093207063862

**RFLUB**
- Universal RF loop with inductor key
- Supports any pre-programmed transponder pellet
  - Master carton quantity: 100
  - UPC code: 093207063886

**RFLCHGM**
- RF immobilizer bypass
- Supports most Chrysler vehicles built after 2004 and GM vehicles with the PK3+
  - Master carton quantity: 100
  - UPC code: 093207063725

**RFLFORD80**
- Ford 80 Bit Key override loop
- Supports all S-type keys
  - Master carton quantity: 100
  - UPC code: 093207069848

**PKDOCK**
- RF Loop Controller
- PKDOCK is a cost effective RF override solution designed to work with all RF loops (shown at left).
- SIMPLE INSTALLATION
  - Red: +12 volts
  - White:(-) Ground when running
- INCLUDES
  - (1) Control Module
  - (1) Installation Guide
  - Master carton quantity: 24
  - UPC code: 09320707443

Visit www.directechs.com to verify compatibility.
ACCESSORIES | SENSORS

506T
Audio Sensor
Provides pre-entry protection by detecting tampering and breaking of vehicle’s glass.

INCLUDES
• (1) Audio Glass Break Sensor
• (1) Installation Guide

• Master carton quantity: 100 • UPC code: 093207005060

507M
Digital Tilt Sensor
Triggers the alarm when the angle of the vehicle changes, and updates the car’s tilt angle information for an accurate reading, every time the alarm is set.

INCLUDES
• (1) Digital Tilt Sensor
• (1) 3-Pin Wiring Harness
• (1) Installation Guide

• Master carton quantity: 100 • UPC code: 093207005077

508D
Invisibeam® Field Disturbance Sensor
The most effective vehicle intrusion sensor with dual zone radar that detects moving high-density objects.

INCLUDES
• (1) Dual Zone Motion Sensor
• (1) 4-Pin Wiring Harness
• (1) Installation Guide

• Master carton quantity: 100 • UPC code: 093207050848

509U
Ultra Sonic Sensor
Monitors the airspace inside the vehicle to detect subtle window tampering.

INCLUDES
• (1) Sensor Control Module
• (1) 3- to 4-Pin Wiring Harness
• (2) Ultrasonic Transducers
• (1) Installation Guide

• Master carton quantity: 100 • UPC code: 0932070509216

What else do you need?

to complete your installation

SYSTEM
GO TO PAGE 11 and choose your system

INTERFACE
GO TO PAGE 17 and choose your interface

CONTROL
GO TO PAGE 23 and choose your control

HARNESSING
GO TO PAGE 33 and choose your harness

ACCESSORIES
ON THIS PAGE

Visit www.directechs.com for vehicle compatibility and latest updates.
SIRENS

514LN
Revgener® Soft Chirp 6-Tone Siren
Smaller size with a bigger punch, this bad boy produces between 2 and 5 dB more output than conventional sirens.

INCLUDES
• (1) Revenger Mini-Neo Siren
• (1) Wiring Harness
• (1) Installation Guide

• Master carton quantity: 100 • UPC code: 093207088278

516L
Programmable Voice System
Adds English or Japanese voice messages to the security system response alarm. Can record up to three 5-second custom warning messages, or function in PA Mode with the included microphone.

INCLUDES
• (1) Voice Control Module
• (1) Speaker
• (1) Microphone
• (1) Wiring Harnesses
• (1) Installation Guide

• Master carton quantity: 100 • UPC code: 093207516122

MODELS

528T
Pulse Timer Relay Module, 30A
Timer controlled relay that temporarily connects or disconnects circuits for up to 90 seconds, for customizing the system to allow several applications to trigger in a timed sequence or to allow features like delayed arming.

INCLUDES
• (1) Relay Module
• (1) Installation Guide

• Master carton quantity: 100 • UPC code: 093207005282

MC501
High Current Relay Pack
The MC501 relay pack allows for easy installation with any traditional ignition system. Supports ignition sensing in analog and capable of supported very high current loads when required.

INCLUDES
• (1) Relay Pack
• (1) Wiring Harness
• (1) Installation Guide

• Master carton quantity: 100 • UPC code: 093207098222

What else do you need?
to complete your installation

SYSTEM
GO TO PAGE 11 and choose your system

INTERFACE
GO TO PAGE 17 and choose your interface

CONTROL
GO TO PAGE 23 and choose your control

HARNESSING
GO TO PAGE 33 and choose your harness

ACCESSORIES
ON THIS PAGE
SECURITY UPGRADES

8210
PKE & SMART START Bluetooth RF Adapter Kit
RF Adapter kit for Passive Keyless Entry bypass modules and Bluetooth SMARTSTART. Compatible with most Directed remote start systems.

INCLUDES
• (1) RF Adapter
• (1) 4-Pin Adapter
• (1) Installation Guide

• Master carton quantity: 100 • UPC code: 093207091728

103T
Failsafe® Digital Keypad Starter Kill
Use as a stand-alone passive/active start kill, as an ESP system interface, or as an emergency override. Prevents the starter from cranking whenever the system is armed, and can also control panic and valet modes.

INCLUDES
• (1) Failsafe Control Module
• (1) Illuminated Keypad
• (1) Starter Kill Relay
• (1) Wiring Harnesses
• (1) Installation Guide

• Master carton quantity: 100 • UPC code: 093207001031

520T
Back-Up Battery System
This 12 Volt system powers the siren when the battery becomes disabled. Also acts as an additional spare power resource for your entire security system.

INCLUDES
• (1) Back-Up Battery System Module
• (1) Wiring Harness
• (1) Installation Guide

• Master carton quantity: 100 • UPC code: 093207005206
**ACCESSORIES | SWITCHES AND RELAYS**

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**SWITCHES**

**8613**

Ball Bearing Tilt Switch

Fully sealed and waterproof, this ball bearing tilt switch protects entry points where conventional switches won’t work. Perfect for hoods, hatches, camper shells and more. Normally open switch.

**INCLUDES**

- (1) Tilt Switch
- (1) Installation Guide
- Master carton quantity: 100 • UPC code: 093207025761

**8620**

Blue LED/Valet Switch Assembly

Combination LED Indicator/Valet Switch with 6-pin RF port connector. Can be flush mounted or mounted under dash with supplied bracket.

**INCLUDES**

- (1) LED/Valet Switch w/Cable
- (1) 6-pin RF Port Connector
- (1) Under-Dash Bracket w/Velcro
- Master carton quantity: 100 • UPC code: 093207099885

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**RELAYS**

**8616**

Mini Relay Assembly, 20/10A, Pre-Wired

Cost-efficient solution for dome light supervision, trunk release, and more.

**INCLUDES**

- (1) Mini Relay Assembly
- Master carton quantity: 100 • UPC code: 093207086168

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USING THIS GUIDE
SYSTEM
INTERFACE
CONTROL
HARNESSING
ACCESSORIES
TOOLS
The first ever wireless programming tool.

**XKLOADER3**

One tool. Thousands of cars.

XKLoader3 is an OBD2 plug-in device that uses Bluetooth® connectivity to create a powerful link between you and thousands of vehicles. Through our proprietary mobile app, it consolidates multiple tools into one complete wireless programming solution that is fully controlled by your smartphone or tablet.

The Directed XKLoader3 is compatible with all next generation technology platforms, including DBALL, DBALL2, DBALL2Pro, and the 4X10/5X10 Digital Systems, and supports VIP4.5 or higher (requires Directechs Mobile app).

- Master carton quantity: 24
- UPC code: 093207098253

Download the Free app

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NOW YOU CAN PERFORM ALL YOUR INSTALLATION FUNCTIONS RIGHT FROM THE PALM OF YOUR HAND, INCLUDING:

- Flashing Firmwares
- D2D Logger
- CAN Logger
- Analog Remote Starter Programming
- Directwire Lookup
- SMARTSTART Activation Portal
- Access Installation and Owner’s Guides
- Directechs Forum

Requires

DIRECTECHS Mobile

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KEEPING PACE WITH THE LATEST TECHNOLOGY

**XKLOADER2**
Directed’s XKLOADER2 is the USB computer interface (Bootloader) that acts as a bridge between your computer and an upgradeable vehicle interface module like the DBALL. Works with VIP4.5, which includes a critical update alert that informs you when a newer version of vehicle firmware is available.

New and improved, Directed’s XKLOADER2 works with old and new XPRESSKIT products, including the CANMAX400.

- Master carton quantity: 50
- UPC code: 093207062926

**CONFIG WIZARD**
Directed’s CONFIG WIZARD online programming application does it all better, faster and easier. Fast PC-based programming in four quick and easy steps for convenience features like remote start and vehicle security. Just log on to www.directechs.com and follow the simple on-screen instructions and you’re done!

1. **SELECT YOUR VEHICLE MAKE AND MODEL**
2. **SELECT YOUR FIRMWARE OPTIONS**
3. **SELECT YOUR SYSTEM OPTIONS**
4. **SELECT YOUR REMOTE TRANSMITTER**
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