



A2DIY-CHRY02

QUICK START INSTALLATION GUIDE FOR CHRYSLER CD CHANGER CONTROLLING RADIOS (MODE BUTTON)

created August 10, 2019

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PRODUCT SAFETY & DISCLAIMER

READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING, FAILURE TO DO SO MAY CAUSE PERSONAL INJURY OR DAMAGE TO PRODUCT AND/OR PROPERTY

- This installation guide is provided as a GENERAL installation guide, some vehicles vary and may require additional steps. We do not accept responsibility for third party labor charges or modifications. Exercise due-diligence when installing this product.
- We do not accept any responsibility for vehicle damage or personal injury resulting from the installation of this product.
- Careless installation and operation can result in equipment damage.

Requirements:

CD CHANGER CONTROLLING RADIO

Introduction – newest version 10.23

The A2DIY-CHRY02 wirelessly connects mobile devices to Chrysler radio system allowing for Smartphone hands-free calls, music streaming, turn-by-turn navigation, and more. A wireless connection means no wires, clutter or complicated setup. The A2DIY-CHRY02 solution connects to the 10-pin CD changer/Sat radio port which guarantees to best possible sound. In addition to Bluetooth, users can also connect and play other devices through the module AUX input jack and use included media remote to switch between sources, adjust volume, change tracks, answer/end calls and more.

See Frequently Asked question at the end of this guide for details.

Installation

Radio must be removed from dashboard to gain access to the connectors. Vehicle specific radio removal is not part of this guide; however, they are available upon request.

With radio out;

1. Connect harness 10-pin plug (See **Fig. 1**) to radio 10-pin connector, (See **Fig. 2**) *Any factory option (satellite radio, CD changer etc.) plug already in place, must be permanently disconnected.*



Fig. 1
10-pin plug

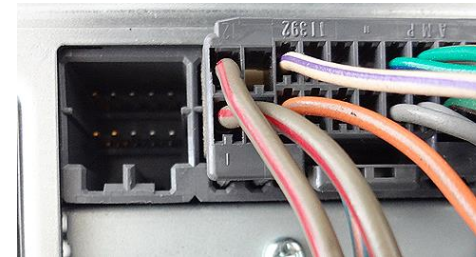


Fig. 2
Radio 10-pin connector

2. Connect/tap **RED** wire to switched/Accessory supply in vehicle. We recommend radio accessory wire at **pin 12 (ACC)** of **22-pin radio speaker/power plug**. (See Fig 4)

Warning: Red wire must be connected to accessory/switched supply only. Permanent/Battery supply will drain car battery and is not recommended.

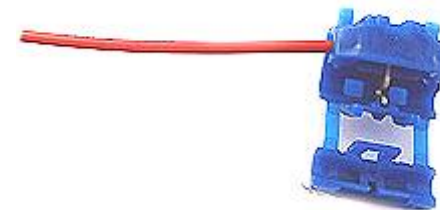
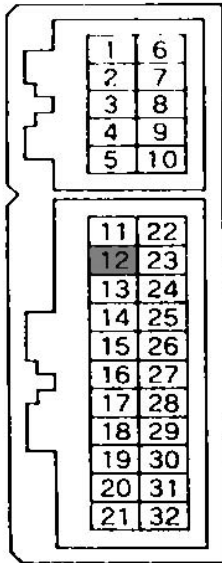


Fig. 3



1	AUDIO R	6	AUDIO L
2	AUDIO GND	7	GND
3	SHIELD	8	SPARE
4	J1850	9	PWD
5	ACC	10	BATT
11	BATT	22	BATT
12	ACC	23	RADIO ON OUT
13	PWD	24	J1850
14	SPARE	25	EVA MUTE
15	SPARE	26	SPARE
16	SPARE	27	SPARE
17	RF+	28	LR+
18	RF-	29	LR-
19	LF-	30	RR-
20	LF+	31	RR+
21	GND	32	GND

Fig. 4

3. Connect included 3.5mm male-male cable (See Fig. 5) to module "AUX" input jack (See Fig. 6), and route audio cable to where audio device will reside (within 3 ft.)



Fig. 5



Fig. 6

4. Install microphone to visor or headliner using included visor clip (See Fig. 8).



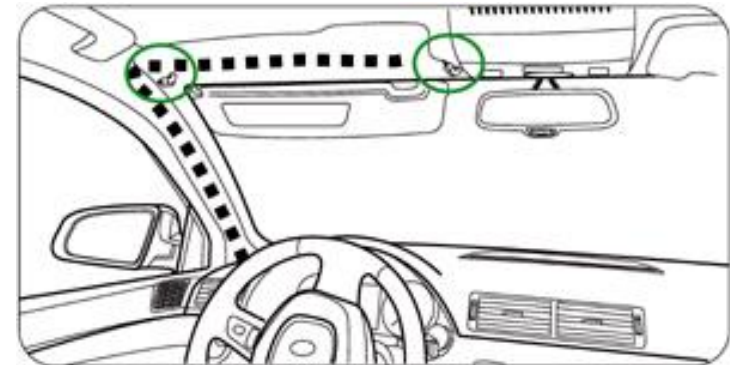
Fig. 7
Microphone



Fig. 8
Visor clip

5. Route microphone plug down pillar, under dashboard and into radio cavity and connect to module "MIC" input (See Fig. 6)

Excursive caution when routing microphone so to not damage the cable and ensure no ventilation duct is pointed towards microphone.



Optional charging kit (not for thumb drives etc.)



Optional charging kit can be added to support BC1.2, QC2.0, QC3.0, PE1.1, PE2.0, FCP, SFCP fast charge protocols (Samsung, Huawei etc.).

Features:

- » Input voltage: **6-24V DC**
- » Working current: **30mA**
- » Default output voltage: **5V or 3V-12V** (device dependent)
- » Max output power: **24W**

Should you decide to add it, we suggest one of 3 connecting options:

- A. Flush to dash/panel requires drilling a 3/4" hole**
- B. Flush with Support bracket** (Mount USB terminal wherever your installation demands without drilling)
- C. USB port-** (freestanding- default)

A. Flush to Dash or Panel (drilling required)

1. Drill a 3/4" hole in the dash or panel using a step drill bit or equivalent (See Fig. 9)



Fig. 9
Step drill bit

2. Insert supplied 3ft. USB male terminal (See Fig. 10) through hole created in step 1 and connect to module USB port (See Fig. 11)



Fig. 10



Fig. 11

3. Snap USB header (See Fig. 12) in place and flush with mounting surface (See Fig. 13)



Fig. 12
header



Fig. 13
Flush mounted to dash

B. Bracket Mount (No drilling)

1. Locate a flat surface at location of choice within 3.2 ft. of module and mount USB support bracket (See Fig. 14) to surface using adhesive/tape or screws (included).



Fig. 14
USB mounting bracket

2. Insert male terminal through hole in bracket (See Fig. 15) and connect to USB port (See Fig. 13)



Fig. 15

3. Snap USB head (See Fig. 15) to bracket until flush (See Fig. 16)



Fig. 16

4. Connect **BLACK** wire to ground (radio chassis, radio ground wire etc.), and **RED** or **YELLOW** to accessory or battery supply. Your choice! Tuck away any extra wires and verify **BLUE** LED is lit.

Pairing and connection

Pairing varies among devices but basic steps are the same. This process is done upon initial install and will not have to be repeated.

1. Turn ignition and radio "ON"
LED inside module peephole will flash rapidly (pairing mode)
2. Open device (e.g. Smartphone) **Bluetooth Settings**
3. Verify **Bluetooth** is enabled otherwise turn it on
4. Tap **Scan or search for devices**.
5. Wait for Bluetooth device name (See Fig. 17) to appear and tap it. *Once paired confirmation tone is heard on car speakers*

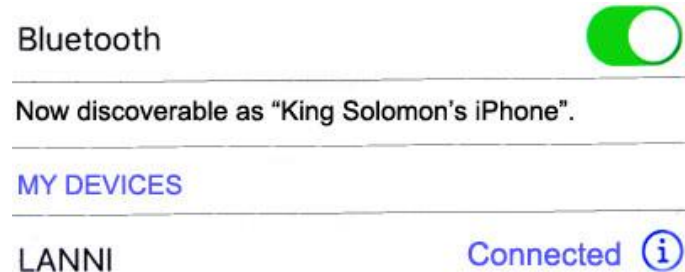


Fig. 17

Warning: Caller ID and text are **not shown on radio display**. Operate Bluetooth device via wireless remote control, VR (voice recognition) or device built-in controls. Radio buttons can be used to adjust playback level

NEW Media remote control

Pairing:

Ensure Bluetooth is enabled on your device (e.g., Smartphone/Tablet etc.)

Press and hold pause/play until Blue LED begin flashing

Scan smartphone for available devices and select **BT009** from list. (Blue LED turns off).



Installation:

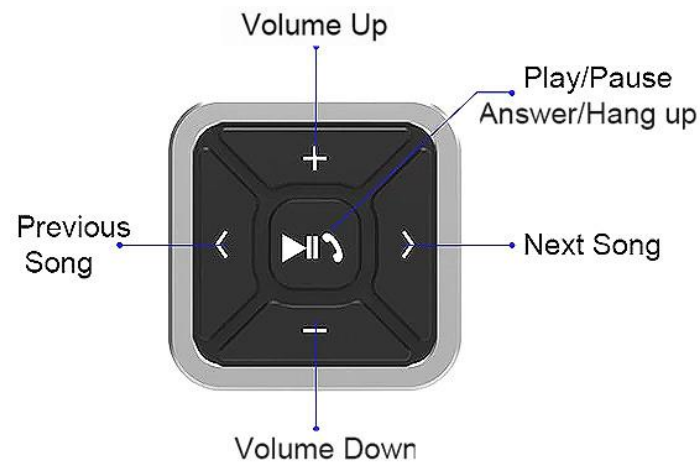
Attach the button to steering wheel (includes holder) or attach to dashboard using included double sided tape – your choice.

Because the media button pairs with your Smart device, it can also be used at home, in the park or wherever you decide to play your tunes.

Operation:

Once paired with smart device (e.g., Phone, Tablet, etc.), users may perform the following functions on iOS with Bluetooth 3.0 and later or Android 4.0 or later.

Media remote control functions applies to smartphone NOT Chrysler radio.



Charging:

Media remote control built-in rechargeable 200mAH battery may last up to 10 days. Connect included USB cable to charge charging port at the back.

Red LED indicates charging; a full charge is reached after 2 hours at which time LED turns off.



Bluetooth operation

1. Turn ignition and radio "ON"
2. Press "MODE" button on radio to enter Bluetooth mode (See Fig. 18)



Fig 18

3. Launch streaming application (e.g., Pandora, Apple music etc.)
4. Use device built-in control or Bluetooth media button to change tracks, adjust device volume, pause/play etc.
5. Place test phone call or ask someone to call. Press media button "Pause/Play" button to accept call and end call.
Use media button Pause/Play to switch between AUX playback and Bluetooth.
6. If correct operation is confirmed go ahead and reinstall radio.

Warning: Use smartphone built-in controls to access applications

Notes:

1. If playback is distorted or low, adjust volume on Bluetooth device.
2. On incoming calls, ring tone plays on car speakers
3. Bluetooth range is approximately 30 ft. make sure device is within range
4. Music streaming has priority.
5. *media button does not control Chrysler radio/Aux functions. Use radio buttons as customary and AUX device buttons for music selection and controls.

If successful go ahead and reinstall radio

Frequent ask questions & troubleshooting

1. **Does the A2DIY-CHRY02 work on all Chrysler 10-pin radios?**
NO; Works on Chrysler CD changer ready radios with "MODE" button, **DISC up** on Preset #1 (these buttons indicate radio has cd changer controls)



Fig. 19

2. **My "rounded face" has a CD-C button. Will the A2DIY-CHRY02 work?**
NO; Radios with CD-C button and 8-pin port requires our [A2DIY-CH98](#).
3. **My 2002 radio does not have a Mode button, will this adapter work?**
NO; Radios without "MODE" button are NOT capable of connecting to this device. The A2DIY-CHRY02 Works only on radios described in question 1.
4. **Can I use the A2DIY-CHRY02 for hands-free calls?**
YES; The A2DIY-CHRY02 supports hands-free calls.
5. **Will I have to disconnect Satellite radio or remote CD changer?**
YES; any factory option already in place must be disconnected.
6. **Will I be able to play aux device (MP3 player etc.) without pairing smartphone?**
YES; AUX input is enabled automatically. It is not necessary to pair smartphone in order to listen to an aux device. Simply connect aux device, press Mode button on radio. To switch to music streaming; press media Pause/play button.

Disclaimer

- This product has no affiliation with Chrysler
- We're not liable for misuse of this product.
- We recommend professional installation

For support email support@discountcarstereo.com

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