



## **A2DIY-JAG97** [version 9.28]

### **QUICK START BLUETOOTH INSTALLATION GUIDE FOR PRE-1998 JAGUAR CD CHANGER CONTROLLING RADIOS.**

Created February 6, 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.

## Requirement:

Factory radio with "TAPE/CD" button on faceplate

## Introduction: **Newest version (9.28)**

Just because you drive an order car does not mean you have to settle for old technology. Any pre-1998 Jaguar with CD changer controlling radio (TAPE/CD button) is compatible with this module and able to make/receive phone calls, stream apps (Music, GPS etc.) over Bluetooth and best of all, the original Jaguar radio is retained. To keep those power-hungry devices charged while on the road, we recommend purchasing **optional** USB charging kit which is not just another charger but smart with support for BC1.2, QC2.0, QC3.0, PE1.1, PE2.0, FCP, SFCP fast charge protocols (Samsung, Huawei etc.). The new A2DIY-JAG97 updates older Jaguar radios to support Bluetooth features only available on newer cars.

For more details, go to **Frequent ask questions** section at the end of this guide.

**Warning:** This module installs behind the radio cavity and requires radio removal. **CD changer (if present) must be disconnected**—Purchase our [A2DIY-JAG97CD](#) to retain CD changer playback.

## Installation

Radio removal required to access CD connector on radio

For help removing radio, click link below:

<https://www.youtube.com/watch?v=vpAldr6V3iE>

1. If vehicle has optional CD changer, disconnect CD plug from radio
2. Connect module 8-pin plug (See **Fig. 1**) to radio 8-pin CD connector (See **Fig. 2**)



Fig. 1



Fig. 2  
radio

3. Use clip to secure microphone to headliner or visor

4. Route microphone cable (10 ft.) down pillar, under dashboard and in to radio cavity. Ensure cable is not installed across sharp edges where it may cut.
5. Connect microphone right angle plug to module "MIC" jack. (See **Fig. 3**)

Wind noise (Convertibles) will negatively affect phone audio. Users are advised to install microphone away from wind/ventilation ducts etc.



**Fig. 3**  
Module

## Optional charging kit



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. 5**)



**Fig. 5**  
Step drill bit

2. Insert supplied 3ft. USB male terminal (See **Fig. 6**) through hole created in step 1 and connect to module USB port (See **Fig. 7**)



**Fig. 6**  
3 ft. cable



**Fig. 7**  
USB port

3. Snap USB head (See **Fig. 8**) in place and flush with mounting surface (See **Fig. 9**)



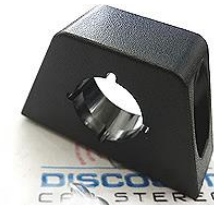
**Fig. 8**  
USB head



**Fig. 9**  
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. 10**) to surface using adhesive/tape or screws (included).



**Fig. 10**  
USB mounting bracket

2. Insert male terminal through hole in bracket (See **Fig. 11**) and connect to USB port (See **Fig. 7**)



**Fig. 11**

3. Snap USB head (See **Fig. 8**) to bracket until flush (See **Fig. 12**)



Fig. 12

4. Connect **BLACK** wire to ground (radio chassis, radio ground wire etc.), and **RED** or **YELLOW** to accessory or battery supply. Your choice!  
**Accessory connection:** charging is possible with ignition/engine "ON".  
**Battery connection:** charging is possible at all times.  
Tuck away any extra wires and verify **BLUE** LED is lit.

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## Media remote control

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**Pairing:** Ensure Bluetooth is enabled on your device (e.g., Smartphone/Tablet etc.) scan/search for available devices and select BT009 from list. Media remote can be paired with multiple devices but can only operate one at a time.



### Installation:

Attach button to steering wheel (includes holder) or dashboard to safely and conveniently control multi-media functions even when smartphone is out of reach.

### Charging:

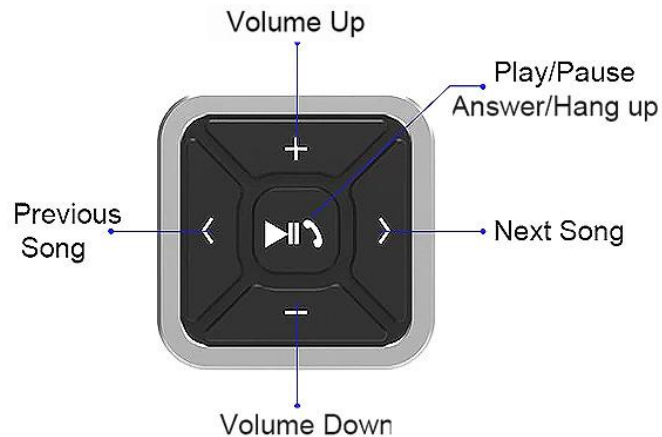
Media button has a built-in rechargeable 200mAH battery which may last up to 10 days. Use supplied USB cable to connect media button to charging source. Reaches full charge after 2 hours.



### Remote operation:

Once paired with smartphone/Tablet, users may perform the following functions on iOS devices with Bluetooth 3.0 and later and Android 4.0 or later.

**These remote control functions do not apply to Jaguar radio.**



## Bluetooth module pairing and connection

This process must be carried out upon initial install after which the A2DIY-JAG97 will automatically reconnect with paired phone.

1. Go to smartphone settings and enable Bluetooth
2. Smartphone will automatically begin searching for devices.
3. Select Bluetooth name below, tap "Connect"

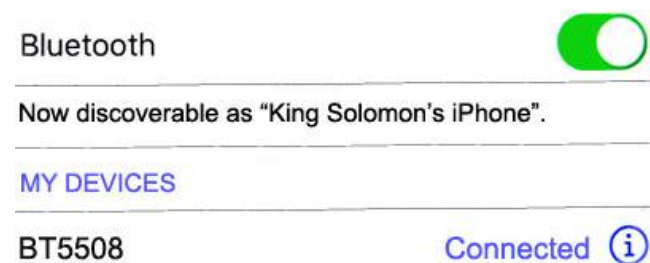


Fig. 19

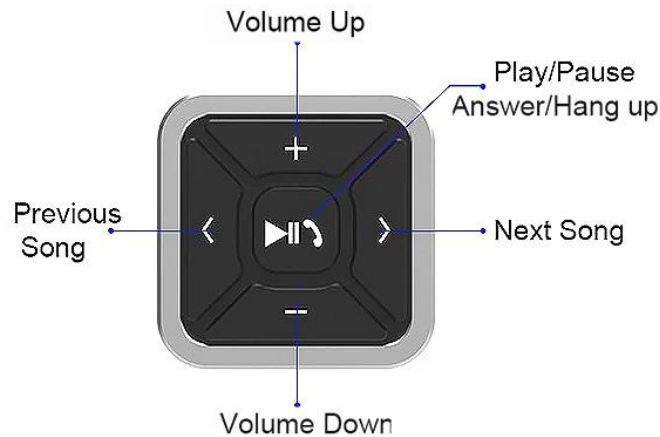
### Notes:

1. Supports multiple phone pairings but connects to one phone at a time. If for some reason phone fails to pair, ensure no other has paired and unpair it in order to pair another.
2. If needed, Bluetooth name (ID) shown above can be changed on most Android and older iPhones. To change, open Bluetooth settings, properties, rename.

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

## Bluetooth operation

1. Turn ignition and radio "ON"
2. Press **CD** button on radio.
3. Launch smartphone music streaming application
4. Set audio device initial volume to 75% and raise radio volume knob to set playback level. If distorted, lower audio device volume.



5. Use media button to change tracks, adjust device volume, pause etc.
6. Place test call or ask someone to call. Press **Pause/Play** to answer/end call
7. If correct operation is confirmed go ahead and reinstall radio.

### Notes:

1. **New!** On incoming calls, ring tone and call number announced on car speaker. **Additional tone (static) heard during call number announcement (this is normal and goes away once connected to caller)**
2. \*Media remote does not control Jaguar radio functions.

## Frequent ask questions & troubleshooting

1. **Does the A2DIY-JAG97-AUX work in premium systems?**  
**YES;** the A2DIY-JAG97 works in all pre 1998 Jaguar audio systems with a CD changer controlling radios. CD changer (if present) must be disconnected. (See our [A2DIY-JAG97CD](#) to retain CD changer playback).
2. **Your A2DIY-JAG97 and A2DIY-JAG98 both list 1997 XK vehicles, how can I tell the difference?**  
**Jaguar XK8** audio system changed in late 1997 which means vehicle produced in the same calendar year will have different audio systems. To avoid costly returns, we highly recommend checking the "CD" plug in all 1997 XK8:
  - a. If Ai-NET connector- (See **Fig. 20**), purchase our A2DIY-JAG98
  - b. If 8-pin DIN (male plug)- (See **Fig. 20**), purchase our A2DIY-JAG97When in doubt check your application prior to ordering.



Fig. 20

3. **Can I connect the A2DIY-JAG97 directly to radio?**  
**YES;** This module connects directly to radio.

4. **My vehicle has a CD changer. Can I install the A2DIY-JAG97 and retain use of the changer?**

**NO.** The A2DIY-JAG97 does NOT retain CD changer usage. Purchase our [A2DIY-JAG97CD](#) to retain use of the changer.

5. **Can I control music tracks from radio buttons?**

**NO;** you must use audio device built-in controls to access music files or included media button.

6. **Does the A2DIY-JAG97 supports hands-free calls?**

**YES.** In addition to streaming, the A2DIY-JAG97 supports hands-free calls.

7. **My vehicle is wired for optional changer, can I connect this module to CD plug in trunk/hatch?**

Connecting to pre-wired harness may be easier than removing dashboard/radio, however the pre-wired plug location is not practical for installing this Bluetooth module and because of that, the **A2DIY-JAG97 must be installed behind the radio.**

8. **Will I see caller's name and number on radio screen?**

**NO.** Neither radio nor module support this, therefore radio screen remains in "CD" display mode and will not display caller's name/number/song name etc. All display features remain with audio device (e.g., smartphone). **Call number, however is announced if radio is in Bluetooth (CD) mode.**

9. **During call number announcement, there is static like noise in background. Is this normal?**

**YES.** It is normal for background hiss/tone during call number announcement. The background tone/hiss will cease as soon as announcement ends or call is answered or rejected.

#### **Disclaimer**

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

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