



## **A2DIY-JAG97CD**

### **QUICK START BLUETOOTH INSTALLATION GUIDE FOR SELECT PRE-1998 JAGUAR WITH CD CHANGER**

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## Introduction:

Just because you drive an older car does not mean you have to settle for old technology. Any pre-1998 Jaguar with functional 6-disc changer in trunk/hatch can benefit from this module to make/receive phone calls, stream apps (Music, GPS etc.) and retain use of the CD changer. In addition, an optional smart USB charging port is available to keep current hungry devices charged while on the road. The A2DIY-JAG97CD upgrades older Jaguars to support Bluetooth features only available on newer cars.

**This module requires a functioning 6-disc changer to operate and installs behind the radio cavity. 6-disc CD changer remains connected and functional. Not applicable if 6-disc changer is missing or malfunctions.**  
See **Frequently Asked question** at the end of this guide for more details.

## Installation: (to radio)

1. To remove radio from dashboard, click link below:  
<https://www.youtube.com/watch?v=vpAldr6V3iE>
2. Disconnect 8-pin CD changer plug (See Fig. 1) from radio "CD" port (See Fig. 2)



Fig. 1

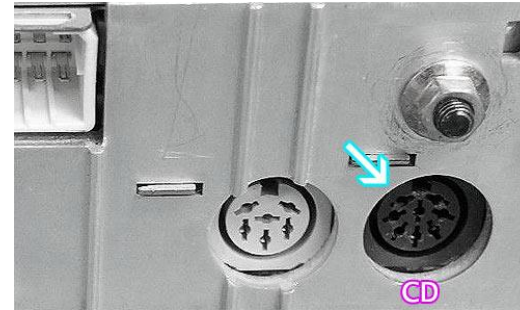


Fig. 2

1. Connect factory 8-pin plug to Module 8-pin port (See Fig. 3)
2. Connect module 8-pin plug (See Fig. 1) to radio "CD" port (See Fig.2)
3. Connect/splice/tap module red wire (See Fig. 4) to a 12V accessory (switched) supply in vehicle. 12V **accessory or switched supply** may be available at cigar lighter Orange/Brown wire, or pin 11 (light green/orange or White/Yellow) wire on radio 14-pin plug etc.  
**Warning:** Avoid connecting red wire to 12V battery (always on) supply.



Fig. 3



Fig. 4



**Fig. 5**  
Module



4. Connect push-to talk button 1/8" plug to Module "CTR" jack (See Fig. 5), route button to the front of the dash, remove tape backing and attach to dashboard (cable is 6ft. long) (See Fig. 6)



**Fig. 6**

5. Install microphone to vehicles visor or headliner using included visor clip (See Fig. 7).



**Fig. 7**  
Microphone



**Fig. 7a**  
Visor clip

6. Use clip to secure microphone (See Fig. 7a) to visor or location of choice. Route cable down pillar, under dashboard toward module location and connect to module "MIC" input (See Fig. 5)  
**Exercise caution when routing microphone so to not damage the cable and ensure no ventilation duct is pointed towards microphone.**



### Optional Push button with built-in Microphone

Optional Push button kit combines both microphone and button in a single case replaces button and visor microphone and also reduces installation time. Simply connect microphone 1/8" plug to Module MIC/CTR jack, route button to front of the dash, remove tape backing and stick to dash (cable is 6ft long) See Fig. 8



**Fig. 8**

## Optional “Smart Charge” USB Kit (Not for thumb drives etc.)

Optional USB charging port can be added to the A2DIY-JAG97CD to keep devices charged while on the road. Should you decide to add it, we suggest one of 2 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)

### 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. 10)



**Fig. 10**  
Step drill bit

2. Insert supplied 3ft. USB male terminal (See Fig. 11) through hole created in step 1 and connect to module USB port (See Fig. 12)



**Fig. 11**  
Flush mount 3 ft. USB cable



**Fig. 12**  
USB port

3. Snap USB head (See Fig. 13) in place and flush with mounting surface (See Fig. 14)



**Fig. 13**  
USB head



**Fig. 14**  
Flush mounted to dash

4. Tuck and secure any extra wire from moving parts and test operation
- 5.

## 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. 15) to surface using adhesive/tape or screws (included).



**Fig. 15**  
USB mounting bracket

2. Insert male terminal through hole in bracket (See Fig. 16) and connect to module USB port (See Fig. 12)



**Fig. 16**

3. Snap USB head (See Fig. 16) to bracket until flush (See Fig. 17)



**Fig. 17**

4. Tuck and secure any extra wire away from moving parts and test operation (*See Bluetooth Pairing and Connection*)

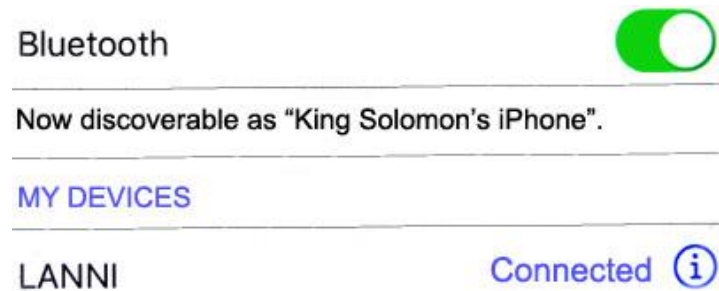
### USB Charging Notes:

1. iPhone "Fast charge" kicks in when the battery capacity is between 0% and 79%, but stops when it reaches 80%.
2. Supports BC1.2, QC2.0, QC3.0, PE1.1, PE2.0, FCP, SFCP fast charge protocols (Apple, Samsung, Huawei etc.)

### Bluetooth pairing and connection

This process must be carried out upon initial install after which module automatically reconnects with paired phone.

1. Go to smartphone settings and enable Bluetooth
2. Search for new devices.
3. Select device listed below, tap "Connect"



Supports multiple phone pairings but connects to one phone at a time.

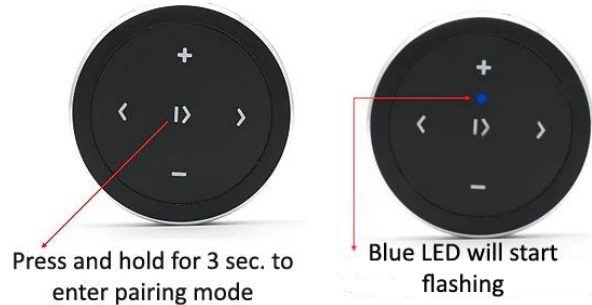
**Noteworthy:** On Androids, it is possible to change paired device name (e.g. Sky) to something of your own liking. This option may only be available on older IOS



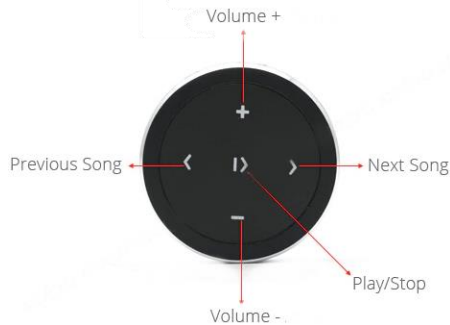
Caller ID and text are **not shown on radio screen**. Operate Bluetooth device via remote control, VR (voice recognition) or device built-in controls. Radio volume button is used to adjust playback level.

## Pairing Smart remote:

The included smart remote allows users to control select Bluetooth functions. The remote must be paired with smartphone in order to control its operation.



Select smart remote to pair



## Test Operation

1. Turn ignition and radio "ON"
2. Load at least one disc in changer magazine (important)
3. Press "CD" button on radio.
3. Launch Bluetooth streaming application on audio device
4. Use radio volume control button to set playback level. If distorted, lower volume on audio device or if inaudible, raise volume on audio device.



Playlist and Track selection \*NOT\* possible from radio. Use smartphone built-in controls or remote to access and control audio files and applications.

## Listening to CD changer:

- a. Press "CD" button on radio (changer magazine must contain at least one "Disc")
  - b. Press button or "Play/Pause" on smart remote (Android only)  
Control CD from radio buttons as customary.
2. To return/resume streaming:  
Press button or "Play/Pause" on smart remote (Android only)
- Note:** Streaming has priority. CD changer playback is possible when device is unpaired. If device is paired, press push button or Play/Pause on smart remote to switch to "CD" playback.

If correct operation is confirmed, tuck away any extra wires and enjoy!

## Notes:

1. On incoming calls, ring tone also plays through car speakers
2. \*Smart remote does not control changer functions. Use radio control buttons for track selection.

## Frequent asked questions

1. **Does the A2DIY-JAG97CD work in premium systems?**  
**YES;** the A2DIY-JAG97CD works in all pre 1998 Jaguar audio systems with a CD changer. CD Changer remains connected and functional.
2. **Your A2DIY-JAG97CD and A2DIY-JAG98 both list compatibility with 1997 vehicles. Which applies to my 1997 vehicle?**  
Jaguar changed audio system in late 1997 which means vehicles of the same production year may have different audio systems. We know of two ways to check application:
  - a. late 1997-06 with Ai-NET plug (See Fig. 18) requires our JAG98 product line. pre-1998 with M-BUS (8-pin DIN) plug requires our JAG97 product line (See Fig. 18), **Please visually inspection of CD changer plug in your vehicle prior to ordering.**



Fig. 18

- b. VIN numbers: (not as accurate)  
XK to VIN# 018107  
XJ to VIN #812255 support the A2DIY-JAG97CD.
3. **Can I connect the A2DIY-JAG97CD directly to radio?**  
**YES;** This module connects directly to radio, Will not function if connected at the cd changer plug.

4. **The changer in my vehicle malfunctions. Will the A2DIY-JAG97CD still work?**  
**NO.** The A2DIY-JAG97CD requires a working CD changer. If changer malfunctions in any way (e.g. skips) this module will not work. Purchase our [A2DIY-JAG97](#) instead.
5. **Can I control music tracks from radio buttons?**  
**NO;** you must use audio device built-in controls to access music files or included wireless remote.
6. **Does the A2DIY-JAG97CD supports hands-free calls?**  
**YES.** In addition to music streaming and changer playback retention, the A2DIY-JAG97CD also supports hands-free calls.
7. **Can I connect this module to CD changer plug in trunk/hatch?**  
**NO;** this module works as described when connected to the radio. Will not function if connected at the cd changer plug.
8. **What's the major difference between optional push button with built-in microphone and visor mount microphone and separate push button?**  
The only major difference is convenience. With the single button there is no need to route microphone cable to visor etc. Push button with built-in microphone must be installed away from ventilation ducts etc. and attaches to the dash with 3M tape.

### 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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