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## BT6-JAG97

### BLUETOOTH & FLASH MEDIA MODULE INSTALLATION GUIDE FOR SELECT PRE-1998 JAGUAR

Created January 16, 2024

Revised March 13, 2025

## 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

Radios with CD button on faceplate and 8-pin socket

## Introduction:

They are literally thousands of older Jaguar vehicles on the road today with the original radio still in place, but lacking support for modern media formats many would love to have in their cars. Upgrading these radios to support Bluetooth is a great way to bridge the gap. The BT6-JAG97 smart media module does not only support Bluetooth but also playback of MP3/WMA/FLAC/ACC/WAV/AIF/AIFC files stored on a Flash media etc. and controlled directly using the radio SEEK buttons. In addition, an AUX input is included to connect and play wired audio devices (e.g. MP3, iPod etc.)

Installation could not be simpler and only requires connecting module to the 8-pin CD changer socket on the back of the radio, pairing Bluetooth device and be on your way to enjoying music, navigation, audio books and other important applications from smartphone on the car system!

**Because this module uses the "CD" port, factory CD changer (if present) must be disconnected.**

**Warning!! The compatible radio must have a "CD/TAPE" button on face and 8-pin socket at the rear.**

## 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 socket (See **Fig. 2**)



**Fig. 1**  
Install harness



**Fig. 2**

3. Use clip to secure microphone to headliner or visor
4. Route microphone cable (10 ft.) down pillar, under dashboard and to radio cavity. Avoid sharp edges.
5. Connect microphone plug to module "MIC" jack. (See **Fig. 4**)  
**Wind noise (Convertibles) will negatively affect phone audio. Users are advised to install microphone away from wind/ventilation ducts etc.**



**Fig. 3**



Fig. 4

6. Connect the other end of the installation harness (See Fig. 1) to module 16-pin connector (See Fig. 4)

## Comparison chart

Feature	BTH-JAG7CD	BTA-JAG97CD	BT3-JAG97	BT6-JAG97
CD changer retention	✓	✓	X	X
Requires CD changer	✓	✓	X	X
Audio input (AUX)*	Optional	Optional	X	✓
Charging (USB)	Built-in	Built-in	Built-in	✓
Visor microphone	✓	X	X	✓
Requires 12V accessory wire	✓	✓	X	X
Hands-free calls (HPF)	✓	X	✓	✓
Audio streaming (AZDP)	✓	✓	✓	✓
Controls from radio buttons	X	X	✓	✓
Wireless remote control	✓	✓	X	X
Module install location	Radio	Radio	Radio	Radio

\*Aux input replaces CD playback (CD remains connected but will no longer play)

## Optional USB extension cable installation

**Note:** 1. Optional USB dash mount extension cable is not required for operation, however it extends USB charging port (See Fig. 8) to dashboard, glovebox etc.

2. The USB port supports software updates and charging only

1. Drill a 3/4" hole to dash or panel using a step drill bit or equivalent (See Fig. 6)  
As an alternative; use the included bracket (See Fig. 11) to mount USB without drilling.



Fig. 6

2. Fish USB cable terminal (See Fig. 7) through hole created in step 1 and plug into USB port on module (See Fig. 8)



Fig. 7

USB cable



Fig. 8

3. Snap header (See Fig. 8) to surface until flush (See Fig.9)



Fig. 9



Fig. 10



Fig. 11

Tuck and secure any extra wires from moving parts and proceed to next step

## Pairing:

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

1. Turn ignition and radio "ON"
2. From your Bluetooth enabled device, turn the Bluetooth ON and search for Bluetooth devices.
3. When a list of available Bluetooth devices appears on your Bluetooth device, select "DisCarSt" (See Fig. 12)
4. Confirmation "tone" is heard on car speakers.
5. The unit will automatically enter the BT Audio source and you can now start streaming audio from your Bluetooth enabled device.  
Note: If the mobile phone doesn't support SSP (Simple Secure Pairing) Profile, please enter the pass code of "0000"

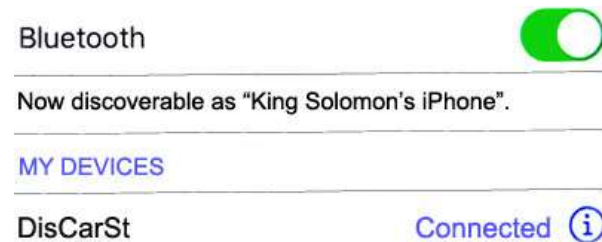


Fig. 12

6. Confirmation tone heard on car speakers

## Bluetooth operation

1. Turn ignition to "ACC" and turn the radio ON
2. Press "TAPE/CD" on radio (See Fig. 13) to enter Bluetooth mode.



Fig. 13

3. Open streaming app (e.g., Spotify, Deezer, Apple music etc.)
4. To change tracks: Tap UP on the "SEEK" button to move to next track. Tap down on the "SEEK" button for previous track. (See Fig. 14).  
You may also use smart device built-in controls or touch screen.

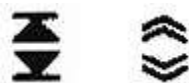


Fig. 14

5. To accept call; tap down on the "SEEK" button (See Fig. 15) or to decline, tap up on the "SEEK" button (See Fig. 15)



Fig. 15

6. Use radio volume knob to adjust phone call playback level.  
Note: Some smartphones include settings for call volume. Please ensure this setting is turned up.

### Notes:

1. If playback is distorted or low, adjust volume on Smartphone.
2. Bluetooth range is approximately 16ft.

## Flash media requirements and functions

1. **Formatting**  
Before loading files/folders we recommend formatting flash drive etc. to **FAT16** or **FAT32** after which you may then save music files (MP3, WMA, FLAC, ACC etc.) to designated folders as explained next.
2. **Folder naming: (This is important)**  
Create a single folder or up to 6 folders (Albums).  
The easiest way to transfer files from computer to USB after formatting drive is by locating music files on your hard drive and drag-and-drop them to desired folder on flash drive.
3. When flash drive is connected for the first time; all available folders are loaded.
4. Supports MP3 and WMA compression up to 320Kbps  
**-MP3/WMA files over 320Kbps may not be recognized or played.**
5. Not compatible with some new generation high-speed USB sticks.  
**-Recommended disk size: 16GB**
6. Any number of songs can be stored in each folder, but radio display supports 2 digits or up to track 99. Track 100 may be displayed as 01
7. Subfolders are not supported
8. Streaming does not support last memory position
9. We highly suggest formatting USB stick/card on windows PC
10. Saving files (over 50MB) in any folder may cause intermittent operation
11. Playback order is based on how files were created
12. When last track in any given folder has finished playing, the first track in same folder will play automatically.
13. If track up or track down button is pressed quickly in repetition, track number displayed may change erratically.
14. If radio enters CDC mode but nothing plays, please check/change USB stick and cycle ignition

## Media operation

1. To enter Bluetooth mode, press "TAPE/CD" button on radio (See Fig. 18)



Fig. 18

2. Connect flash drive or USB stick to the module USB port (See Fig. 19)



Fig. 19

3. After initial connection, (CDC 1 track 1) will begin playing otherwise playback will continue from last memory position (track/folder position)

### To Track Up/Down

4. Tap UP on the "SEEK" button for next track in the selection folder. Tap DOWN on the "SEEK" button for the previous selection in folder See Fig. 20



Fig. 20

### Album (Folder) selection

5. Tap the radio preset for direct access to folder/album 1-6. (See Fig. 21)  
Folder number (Album) and track number are shown on the radio display.

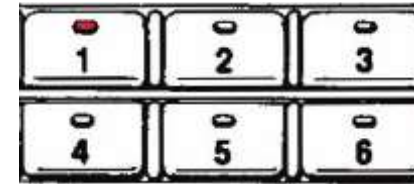


Fig. 21

### Fast Forward/Rewind

6. Press and hold the "SEEK" UP button to fast forward currently played track until button is released. (See Fig. 22)  
The **fast rewind**; Press and hold the "SEEK" DOWN button to rewind currently played track.



Fig. 22

## AUX playback

The Auxiliary Input Jack provides a way to connect any portable music player designed to be used with headphones. This allows the audio from a portable music player to be played through the vehicle speakers with high fidelity. Attach one end of the included audio extension cable to the headphone output of your player and the other end of the audio extension cable to the AUX in port on the module (See Fig. 23)  
To listen to AUX device; disconnect memory card from USB port and pause streaming application or un-pair streaming device.



Fig. 23

## Frequently ask questions & troubleshooting

### 1. Does the BT6-JAG97 work on all Jaguar radios?

**NO;** The BT6-JAG97 works on Pre-1998 Jaguar CD changer controlling radios. The specified radio will have a "CD/TAPE" button on faceplate and **8-pin socket at the rear**. (See Fig. 24) Radios without "CD/TAPE" button are not compatible. **Warning:** Late 1997 XK8 (X100) radio seen in Fig. 25 is not compatible. This radio requires our [BT6-JAG98](#)



Pre-1997 radio  
Fig. 24



Post 1997 radio  
Fig. 25

### 3. Can I connect the BT6-JAG97 directly to radio?

**YES;** This module connects directly to radio and may also connect to CD plug in trunk, but not recommended due to microphone requirements. We recommend installing this module behind the dash/radio.

### 4. My vehicle has a CD changer. Can I install the BT6-JAG97 and retain use of the changer?

**NO.** The BT6-JAG97 does NOT retain CD changer usage. Purchase our [BTH-JAG97CD](#) and retain use of the CD changer.

### 5. Will I be able to change tracks using the radio buttons?

**YES;** Use radio "SEEK" buttons to change tracks (up/down).

### 6. Does the BT6-JAG97 supports hands-free calls?

**YES.** In addition to streaming and WAV, MP3 and other digital files; the BT6-JAG97 also supports hands-free calls.

### 7. Will I see caller's name and number on radio screen?

**NO.** This module does not support call number/name display and radio screen remains in "CD" display mode (DISC/TRACK). All display features remain with smart device; **however, caller name/number is announced on car speakers (this feature must be enabled on phone)**

### 8. Can I use the Jaguar radio buttons to control streaming, phone calls and files stored on USB?

**YES;** unlike other offerings; the radio "SEEK" button and preset buttons can be used to operate the BT6-JAG97. Go to Page 5-6 for details.

### 9. What happens if a call comes in while streaming?

Streaming will mute, press the "SEEK" down button to accept or "SEEK" up button to end call. Streaming resumes upon ending call.

### 10. Is optional USB extension cable required to charge my phone?

**NO.** The optional dash mount USB extension cable is offered to extend USB built-into the module (See Fig. 26) port to dash, console, glove box etc. Feel free to connect your own USB charging cable.



Fig. 26

### 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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