A2D-JAG98

MUSIC STREAMING INSTALL GUIDE FOR 1997*-06 XK (X100) AND 1998-03 XJ (X308) WITH CD CHANGER

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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:
Functioning cd auto changer in trunk or hatch

Introduction

Portable audio products are everywhere, reflecting demand from active people all over the world to take their music on the road. The A2D-JAG98 **streaming** solution for any A2DP enabled Smart device, Steam music apps including turn by turn directions, audio books, Apple music and more directly into the audio system via the CD changer port. This module supports Bluetooth 5.0 + APX™ codec which ensures higher quality audio over Bluetooth. **The required CD changer remains connected and operational**.
The A2D-JAG98 does not support hands-free calls. **See our A2DIY-JAG98**

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

Installation – to CD changer plug in trunk or hatch

Warning: Vehicles must have a fully functioning CD changer which remains connected and operational.

1. Remove carpet trim piece surrounding audio rack (See **Fig. 1**). If vehicle does not have navigation (**Fig. 1A**); use opening to access the CD changer connecting plug, however; if vehicle has navigation, accessing plug requires unlocking "inner frame":

2. To remove frame:
   Remove (2) 7mm bolts on right and left side (See **Fig. 1A, 1B**)
   Remove (2) 7mm bolts from top (See **Fig. 1A, 1B**)
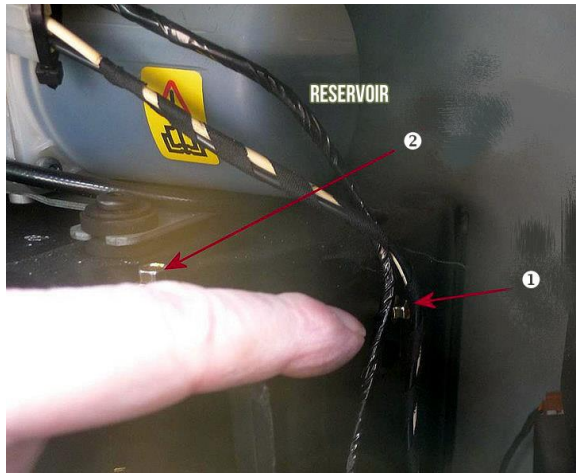

Fig. 1

Fig. 1A

Fig. 1B

3. Pull out inner frame.
4. Locate short black pigtail cable on CD auto changer (it's the only cable on CD changer) See **Fig. 2**

Fig. 2

5. Remove cable from holding tab and disconnect by pulling apart **(do not twist)** **See Fig. 2**

6. Once disconnected; female socket (rear) leads to changer and male plug (front) leads to amplifier or radio) - (See **Fig. 2-3**)

Fig. 3

7. Insert factory male plug (See **Fig. 3**) to module female connector/socket.
   Align markings on both, then seat plug into socket and slowly push inwards to connect **(DO NOT TWIST)**

Fig. 4
module

8. Connect module right-angle plug (See **Fig. 4-5**) to CD changer connector/socket (See **Fig. 3**)

Warning: Modue male right-angle plug **does not have an alignment mark**. To connect to CD pigtail; align plug imaginary mark shown in **Fig. 5** with alignment mark on CD connector (See **Fig. 6**), DO NOT FORCE CONNECTION OR RISK DAMAGING BOTH.

Fig. 5

FROM MODULE

FROM CD AUTO CHANGER

Fig. 6

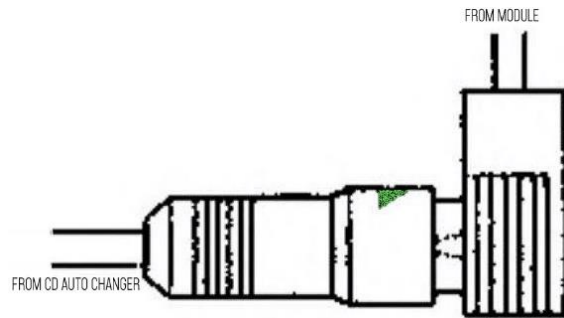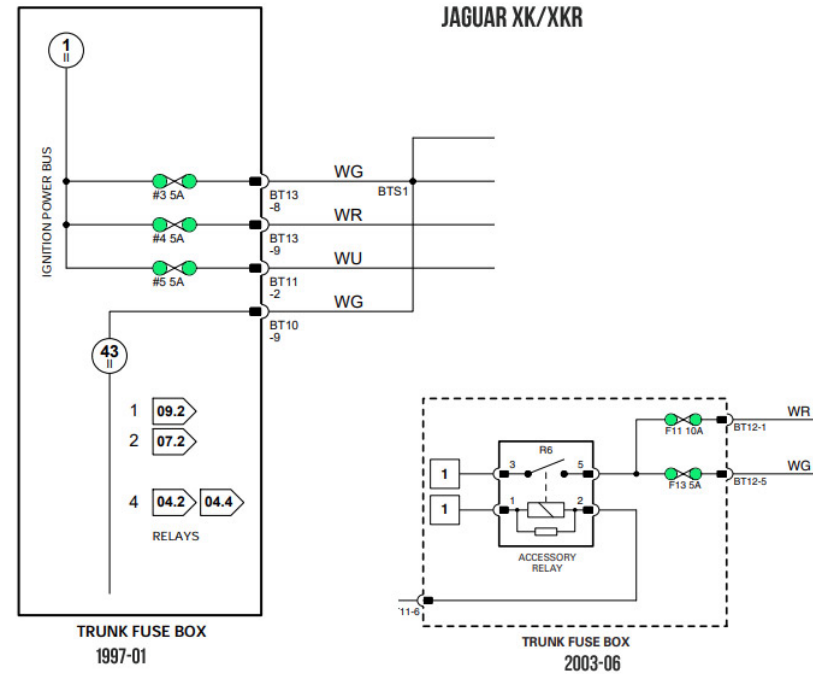**Noteworthy:** Your Jaguar may have multiple Ai-Net cables at the audio rack. To minimize connecting errors, locate single pigtail cable on CD auto changer--- this is the only factory cable with which you will be working. **Connecting module to wrong cable results in loss of power, low playback etc.**

JAGUAR XK/XKR

TRUNK FUSE BOX
1997-01

TRUNK FUSE BOX
2003-06

Accessory power available at: F3, F4, and F5 (pre-2002) and F11, F13 (post 2002) XK/XKR F3, F5 (XJ)
Please start engine, turn on the radio and press CD button to test for noise prior to finalizing install.
Note: Fuse F5 (XJ) protects Jaguar cigar lighter sockets and prone to engine noise especially if used as a USB-type charging port.

Secure module and proceed to next section

8. Connect module RED wire to "keyed" or ACC supply in vehicle such as fuse positions **F5 (XJ/R) or F3, F4, F5, F11, F13 (XK/R)** (These supply 12V only when ignition key is in ACC/ON positions)
9. Insert/tap module RED wire into aforementioned fuse position or any that provide 12V only when ignition is turned to ACC or ON position.

Pairing

Pairing process 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"
   Green LED inside module peephole will flash (pairing mode)—some clicking may also be heard (this is normal)
2. On A2DP device: Go to *Settings, Wireless & Networks, Bluetooth Settings*
3. Select *Bluetooth* and turn on.
4. Go to Bluetooth settings
5. Tap Scan *(Search)* for devices.
6. Wait for below Bluetooth device name (see **Fig. 7**) to appear then tap to select.
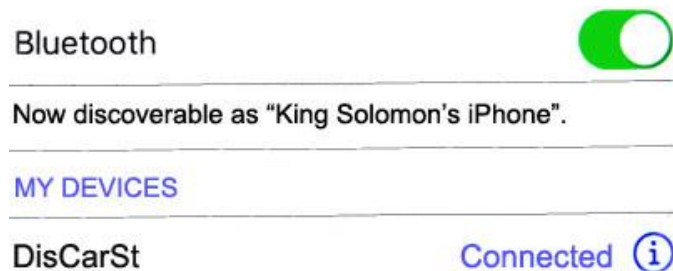   *Green LED inside module peephole will glow steady (paired)*

Fig. 7

Steaming operation

1. Turn ignition to accessory position and radio ON.
2. Press "**CD**" button.

Fig. 8

3. Launch audio device streaming application.
4. Set radio volume to zero
5. Increase smartphone volume to 80-90%,
6. Increase radio volume to set playback level. If distorted, lower volume on audio device.

Warning: Playlist and Track selection *NOT* possible from radio. You must use Smartphone built-in controls to access music files

CD operation

1. Press "**CD**" button on radio as customary
2. **Disable Bluetooth** or turn off Bluetooth on smartphone
3. Audio system is now in CD playback mode.
4. Control CD from radio buttons as customary.
5. To resume streaming:
    Re-enable Bluetooth on smartphone.
    Note: Paired device has playback priority and remains until no longer paired. CD changer playback is possible when no device has been paired or is out of range.
6. If correct operation is confirmed, re-install audio rack/panels.

Optional – Smart remote control

Optional smart remote control is not required for module to operation; however this cool gadget allows users to change tracks etc., use remote control functions and keep eyes on the road. **Remote does not operate Jaguar radio functions.**

Operate the following smartphone functions:
1. Control music wirelessly
2. Activate VR commands (Google play only)
3. Track up/down
4. Volume up/down

Pairing wireless remote:

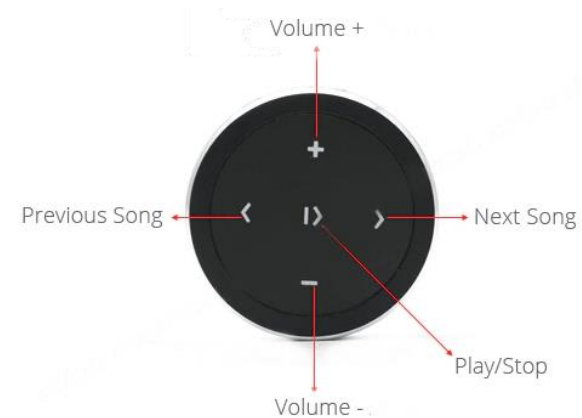Press and hold for 3 sec. to enter pairing mode

Blue LED will start flashing

Select smart remote to pair

MY DEVICES

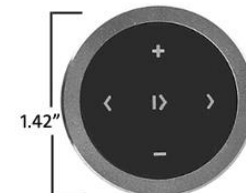Enzo's Apple Watch   Connected ⓘ

SmartRemote   Connected ⓘ

Bluetooth

Settings   Bluetooth

Smart remote operation:
Use smart remote to perform the following functions on any iOS7.0 and higher or Android 4.4 and higher.

Volume +

Previous Song ← Next Song →

Play/Stop

Volume -

Package contents:

Steering wheel holder

1.42"

Remote control

CR2016
リチウム・バッテリー
LITHIUM BATTERY
3V

battery

Double sided tape

Frequent ask questions & troubleshooting

1. **Can I pair more than one device to Bluetooth module?**
   YES; pairing multiple devices is possible, however only one device can connect at a time. Disconnect first device to allow pairing to another device.

2. **How do I listen to CD's?**
   To listen to CD's simply disable Bluetooth on audio device.

3. **How good is sound quality playback from this module?**
   Without starting a debate about Wired vs. Wireless; we will answer based our own experience: The A2D-JAG98 aptX sounded very good in our XJ Alpine Premium systems.

4. **Can I install the A2D-JAG98 module at the radio?**
   NO; the A2D-JAG98 module connects to CD changer plug in trunk or hatch.

5. **What is the vehicle application and where does module connect?**
   The A2D-JAG98 is specific to the following Jaguar vehicles:
   1998-03 (x308) (To Ai-net CD changer plug in trunk)
   Late 1997*-06 (x100) (To Ai-net CD changer plug in hatch)
   FYI: early 1997 XK8 radio display screen is on the top right, whereas on later models (1998-99), the radio display is at the center.

6. **Will I be able to make/receive phone calls using this module?**
   NO. The A2D-JAG98 supports music streaming. **Not for hands-free calls.** Purchase our A2DIY-JAG98 instead.

7. **I hear clicking sounds as I use my device, how can I stop this?**
   Go to device settings and disable touch sounds.

8. **My module does not always pair when entering vehicle. How to I remedy this?**
   Ensure module has not already paired with another device. Cycle ignition or disable/enable Bluetooth on audio device.

9. **It is possible to change Bluetooth ID name to my own?**
   This may be possible on some devices but not so on recent iPhones:
   Make sure module is powered on and connected.
   Go to Phone settings and tap Bluetooth.
   Tap ⓘ next to DISCARST or DAC305, then tap Name
   Enter a new name (e.g. Jaguar-BT etc.) tap Done on keyboard, then tap ❮
   The custom name given now appears in Bluetooth settings of your device.

10. **Only one side plays, or radio "CD" button does nothing. What may cause this?**
    Ensure factory plug is fully inserted to module socket (Refer to page 6).
    Also check pins inside module female socket. These may need "adjusting"

especially if factory plug terminals have memorized position especially if never disconnected and are not "flexing"
Use below image as reference and "flex" pin holder so to allow a firmer connection to pins in factory plug. This is a one-time adjustment that will not have to be repeated:

11. **Playback is distorted, how do I fix this?**
    If playback is distorted it's likely because audio device volume setting is too high. To fix, turn the radio volume up to comfortable level, then lower volume on device until it no longer distorts.

12. **Will Jaguar radio display song tittle, name or playlist?**
    NO. Song/track information not displayed on Jaguar radio screen. User must use audio device display and built-in controls buttons for music selection and display.

13. **Bluetooth ID name is not showing up on my device. What must I check?**
The main reason module ID is not displayed on smart device is because module has no power. Ensure power is reaching module by testing for 12V on accessory wire at a point beyond crimp (if using included Add-a-fuse" circuit). If crimp is compromised, power will not reach module. To fix simply cut blue crimp and splice red wires after which the module should power up and available for pairing.

Appendix:
Troubleshooting Bluetooth connection

Check your phone's Bluetooth connection
1. Open the Bluetooth Settings
Make sure Bluetooth is enabled on phone.
2. Check the device's current connections
If you've previously paired Bluetooth device to another device that is in range, try disconnecting from that device before pairing with a new one.
3. Check the Bluetooth range
In order to connect, most Bluetooth devices need to be within 10 meters from the phone. Make sure the devices are close enough; otherwise, they will not connect.
4. Restart both devices
If possible, restart Bluetooth device. This can help fix minor issues and may help the Bluetooth device connect again.
5. Try connecting to a Bluetooth device
From the Bluetooth settings menu, tap Scan, and then select your desired Bluetooth device from the list of available devices. Follow the prompts to complete the pairing.
- Remove any third-party cases or covers that may interfere with wireless connections.
6. Clear the Bluetooth cache.
You can clear the Bluetooth data cache on the phone or tablet to completely reset Bluetooth. To do this, open **Settings > Apps > More options** (the three vertical dots) **> Show system apps > Bluetooth > Storage> Clear data**. Tap **OK** to confirm.
7. Check both devices for software updates.
Check to see if your phone or tablet has any available software updates and update it as needed. Also, make sure to check if your Bluetooth device needs any software or firmware updates. These are often overlooked. You may need to contact the manufacturer for instructions if you have a third-party device.

*Late 1997 XK with Ai-NET plug (not for early 1997 XK8 with 8-pin DIN plug)

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

For additional support email support@discountcarstereo.com