

KENWOOD



**IP-KNW**

## **APPLE 30-PIN DOCK ADAPTER INSTALLATION GUIDE FOR KENWOOD AUX READY RADIOS**

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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

### Kenwood AUX Ready Radio

## Introduction

Just because you own an older radio does not mean you have to settle for old technology. The IP-KNW allows users to connect and play their Apple 30-pin dock devices to Kenwood AUX Ready radios. The iP-KNW adapter updates all 1999-Up Kenwood Aux ready radios to also play and charge Apple 30-pin devices including iPods, iPhones and Tablets. Installing this adapter requires sacrificing the Kenwood CD changer or any other Kenwood accessory, but with the storage capacity of these new devices sacrificing the CD changer should be an easy decision.

## Installation

1. Remove radio from dashboard to gain access to the connector.
2. To remove please follow the specific radio instruction manual (some require special removal keys not included).
3. With radio removed disconnect any accessory connected to I3-pin port (See Fig. 1)

**Warning:** Disconnected device will no longer function. Kenwood KCA-S220A switcher required for Kenwood radios to support two simultaneous connections.



RADIO CONNECTOR

Fig. 1

Radio socket/adapter plug

4. Connect adapter 13-pin plug to Kenwood radio (See Fig.1)
5. Run 30-pin dock cable (See Fig. 2) to desired mounting location on dashboard, glove box, console etc. within 5 ft. of radio. Use caution to not cut, pinch or crimp the cable during this step.
6. Securely install cable in a location away from heat, humidity, moving parts, or sharp metal objects. **Damage to docking plug may occur if subject to abuse.**



Fig. 2

30-pin dock

## Operation

1. Turn ignition and radio "ON"
2. Connect Apple iPod, iPad or iPhone device to 30-pin plug  
Apple device will charge
3. Select "AUX" input source on Kenwood radio (See **Fig. 3**)

### Selecting the Source

Press the [SRC] button.

Source required	Display
Tuner	"TUNER"
CD	"CD"
External disc	"DISC-CH"/"CD2"
Auxiliary input	"AUX"
Standby (Illumination only mode)	"ALL OFF"



For Auxiliary input one of the below optional accessories is necessary.

Kenwood KCA-S210A

**Fig.3**  
Kenwood source menu

4. Select your favorite track using the devices built-in controls.

**Warning:** Playlist and Track selection is **\*NOT\*** possible from the radio. You must use the Apple device built-in controls to access music files

5. Apple device should now be heard on car speakers
6. Use the radio volume control to adjust playback level
7. If successful go ahead and reinstall the radio

## Frequently asked questions & troubleshooting

1. **Which Kenwood radios are compatible with the IP-KNW?**  
Ever since 1999 Kenwood began adding auxiliary functionality to some but not all radios. They are a few things you can check to verify compatibility:
  - a. First, verify radio has a 13-pin connector
  - b. Check that "AUX INPUT" is listed in "Switching mode" or "Selecting the source" section of radio manual (See **Fig. 3**)
  - c. Check if radio manual list compatibility with Kenwood KCA-S210A or CA-CIAx accessories
2. **My Kenwood radio has a 13-pin connector, does this mean it is compatible with the IP-KNW?**  
**NO!** The 13-pin connector does not mean the IP-KNW is compatible. In addition to 13-pin port, radio must be "AUX Ready" and meet requirements in question #1.
3. **Does the IP-KNW display text on Kenwood radios?**  
**NO!** The IP-KNW will not display text on radio screen.
4. **Will I be able to control Apple device from Kenwood radio?**  
**NO!** it is not possible to control Apple device from radio buttons. Use apple device built-in control to access music files and display

### Disclaimer

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

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