



# AUX universal integration

## The perfect solution for aftermarket head units.

DICE AUX kits target specialty installers who want to have a high quality audio output from an iPod and need an additional AUX input. This product offers an easy upgrade path to customers who use third party vehicle interfaces for SAT radio integration and now want an iPod without losing the existing SAT integration. For users of aftermarket head units featuring direct audio input, this solution delivers rock solid audio from the iPod. The extra AUX port allows the connection of other MP3 players or any other audio device. 5 volt (USB) charge circuitry is built in to support even the latest iPod/iPhone models!

## FAQs Before Purchasing the Kit

### How is the DICE Aux kit different from the car's factory AUX jack?

The DICE kit offers 5 volt (USB) charge of the iPod, allows for audio level matching / adjustment, and employ isolation amplifiers to remove any digital noise caused by the hard drive and communication.

### If my radio system has only a 3.5mm auxiliary input, can I still connect the DICE AUX kit?

Yes, however an additional audio cable is required that connects from RCA output to 3.5mm mini-jack.

### Is there any control offered from the radio?

Volume control must be adjusted from the radio/steering wheel. Other controls are done directly through the iPod.

### Since all music control is done through the iPod directly, where is the best location for the iPod?

Generally, routing the iPod cable to the center console provides the easiest access to the iPod. However, with our iPod cradle you can have the iPod mounted right on the dash for the simplest accessibility.

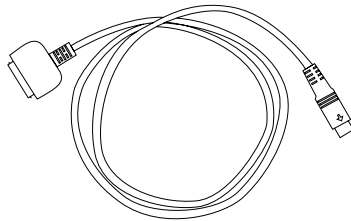
## Content Identifier



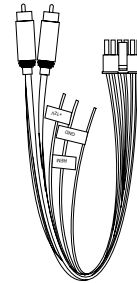
user manual



vehicle specific interface module



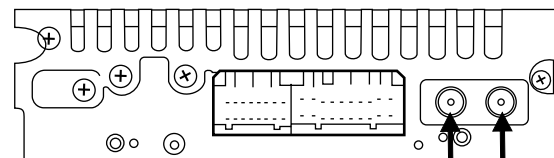
iPod docking cable



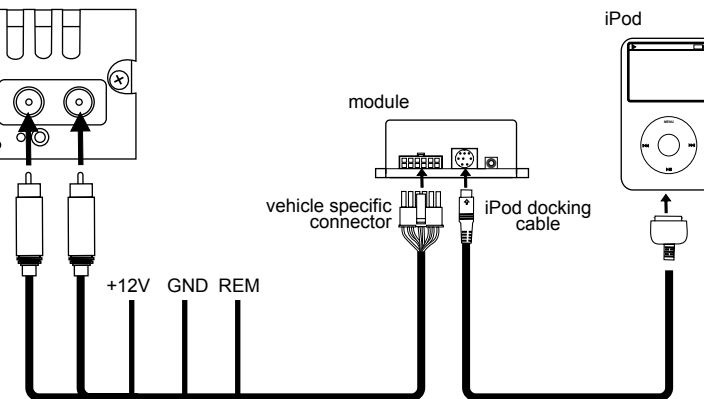
AUX audio/power cable

## Connection Diagram

AUX Radio



**Note:** some radios will not have RCA inputs and will require custom installation.



RCA connectors:  
-Red: Right channel  
-White: Left channel

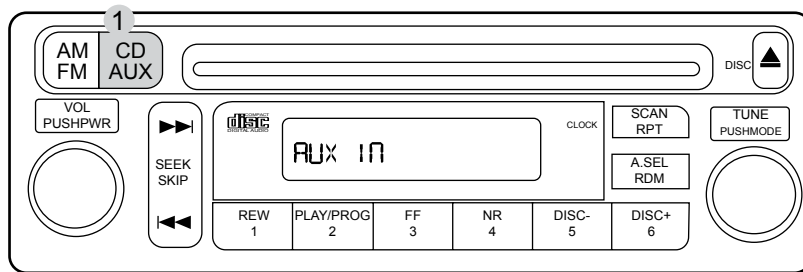
## Benefits of the DICE AUX kit

- 5V USB iPod charging is supported as well as the original 12V firewire charging
- Signal conditioning is implemented that removes noise from the iPod
- Connect any other audio device to AUX input
- When the iPod is disconnected, an automatic switch initiates the auxiliary input on the DICE module
- Dual potentiometers are integrated into the DICE module for setting desired iPod and AUX audio levels

## Operation Overview

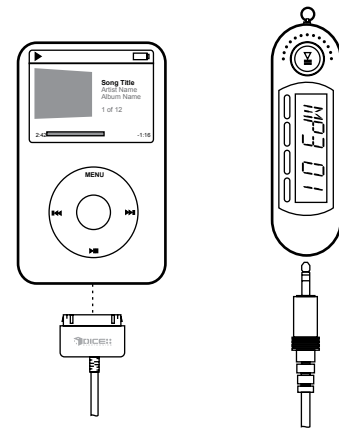
### Using the AUX integration

Connect the iPod to the dock cable and select the auxiliary source on the radio. The charging indicator should appear on the iPod and a selected song will start to play. If an additional audio device is connected through the 1/8" mini-jack, it will become active when the iPod is disconnected.



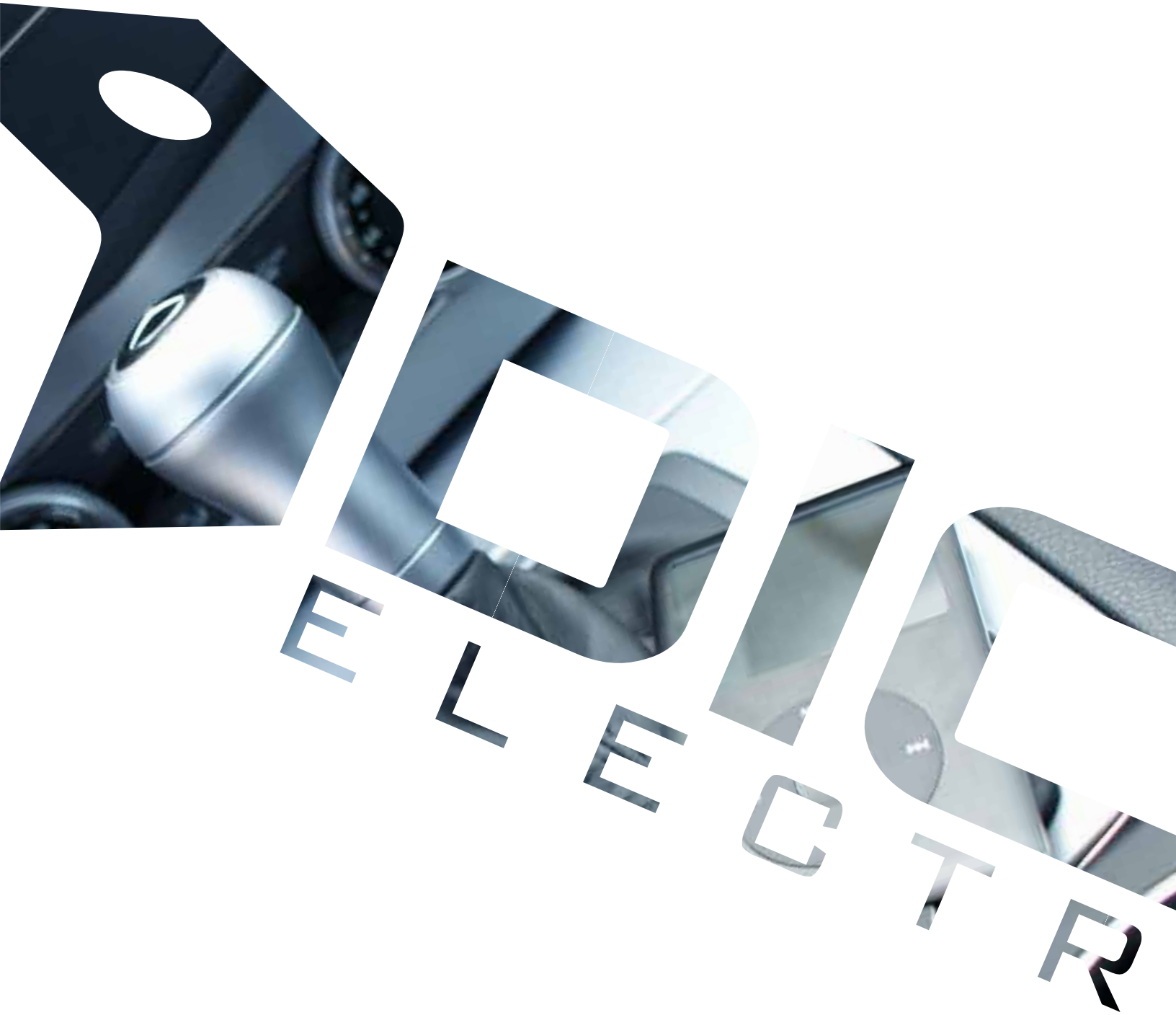
- 1 AUX source selector

**NOTE:** Some vehicles require the ignition to be in the on position to provide ACC power. In this case the interface unit will not function until ignition is turned on.



## Auxiliary Specific Technical Notes

Problem	Solution
iPod and auxiliary input sound levels are much different.	Adjust sound level through potentiometers on DICE module.
iPod will not stop charging if left connected with the vehicle shut off.	Make sure the ignition wire (REM) is attached to a 12V switched source so that the DICE unit receives a shut-off signal.
Auxiliary device is connected to the 3.5mm mini-jack, but the iPod continues to play.	The iPod must be disconnected for the auxiliary input on the DICE module to be activated.



**M**ove forward with the best connectivity solution.