



## Quick Reference Guide for your DICE iPod Integration Kit for BMW s

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**This guide was designed to help you quickly and effectively troubleshoot your Dice Module should the need ever arise.**

**Before you begin to diagnose the issue, it is IMPERATIVE that you read and understand the following information.**

- The Dice module is a very complex piece of hardware that is responsible for very complicated communications between your iPod and your BMW. Much like a computer, it has to be precisely programmed in order to communicate with existing components in your BMW.
- Your iPod **MUST** be updated with the very latest firmware from Apple. To do so, go to iTunes.com, download the latest version of iTunes, and install. Connect your iPod, open iTunes, and select your iPod. Update firmware if available.
- Also, it is **IMPERATIVE** that your iPod has a complete charge before you attempt to use it for the first time with your Dice module. This is a **VERY** common reason the Dice not function as it should.
- Again, much like your computer, the Dice module requires a thorough initial programming sequence, as well as a great amount of **PATIENCE** during this initialization. Please perform these initial programming steps carefully and methodically.

If you experience any installation issues with your Dice kit and you are unable to solve these issues, please contact us at [info@bavsound.com](mailto:info@bavsound.com) or during normal business hours at 404.963.8857

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### **Troubleshooting Guide:**

If your Dice module begins acting up in **any** way, there are a few simple procedures that will most likely solve any issues that you may be having.

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1. First and foremost, it is **imperative** that your iPod is up to date with the most current firmware. This firmware is available at the iTunes website. This solves most problems with the Dice

modules.

2. Check to make sure that your iPod battery has enough of an initial charge to function properly. This is a very common reason we see the Dice modules not working as they should. If not, the iPod periodically needs to be charged via the AC adapter that came with it. USB charging will not work on an iPod that has completely lost its charge.
3. Reset both the iPod and the Dice module.

To reset the iPod, you will simultaneously hold down the center button and the menu button for approximately 10 seconds until you see an apple appear on the screen of the iPod.

To reset the Dice module, you will want to completely disconnect the module itself, meaning both the cable coming from the trunk and the cable going to the iPod. At this point, it is imperative to leave the module disconnected **for at least half an hour**.

Now, plug the iPod cable back into the Dice module, then plug the cable coming from the trunk back into the Dice module. Refer to the section above for the proper initialization programming sequence.

**If none of the above solves your particular issue, proceed with a complete re-initialization as outlined on the next page.**

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## Programming the Dice Module

Now we can begin the programming, which is super easy if you follow these steps:

1. Turn the ignition on and **wait approximately 45 seconds before** beginning to use the Dice module. This is **VERY** important. **Do not** attempt to use the iPod during this time.
2. On your head unit, press the CD button twice until you see the Dice module appear on the screen. It will usually say "CD 01-01" at first, or "INIT" for initializing.
3. To enable text, simply press button #6 on your radio and **wait at least 30 seconds**.
4. The radio will automatically advance to track #1.

**If your 5 has navigation, slowly advance to track 3 for text on the gauge cluster or track 6 for text on your navigation screen.**

We recommend setting the text to the gauge cluster to prevent the navigation and the Dice from fighting for screen space.

**If your 5 does not have navigation**, advance to track 3 for text on the gauge cluster, or track 4 for text on your radio display. Once you've done this and the text is on the screen, press button #1 on your radio. This will allow the Dice to sync with the BMW system

5. Again, **before** you attempt to control the iPod, **give it at least 45 seconds** to sync up with the communication system in your BMW.

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## Using your DICE module in your BMW:

When changing tracks on your iPod using your steering wheel controls or radio controls, **do NOT press the button in rapid succession in an attempt to change songs faster.**

This will cause communication issues with the DICE module. Rather, press **the buttons one at a time**, to allow the radio and the iPod to change songs at the same time.

If you want to rapidly change tracks, do so directly through the iPod controls.