

# Bluetooth Audio Transmitter for iPod/iPhone



# 1. Introduction on Bluetooth®

*Bluetooth* is a short-range wireless communication technology intended to replace the cables connecting portable and/or fixed devices while maintaining high levels of security. It is designed to communicate data/voice within short-range distance of 10m to 100m. *Bluetooth* technology has achieved global acceptance such that any *Bluetooth* enabled device, almost everywhere in the world, can connect to other *Bluetooth* enabled devices in proximity.

## **About Bluetooth Profile**

Bluetooth Profile defines the way of communication between Bluetooth devices. The system of this product supports the following Bluetooth Profiles.

<b>A2DP</b>	Advanced Audio Distribution Profile. It controls transmitting/receiving stereo audio contents wirelessly.
<b>AVRCP</b>	Audio/Video Remote Control Profile. It remotely controls the functions of audio/video devices such as pause, play, fast forward, rewind, and volume.

## **About Pairing**

Pairing is a process of connecting two Bluetooth devices wirelessly. It creates a unique and encrypted link between two Bluetooth devices and lets them communicate wirelessly and safely each other. Bluetooth devices will not work if they have not been paired. Therefore, a user must make sure that two Bluetooth devices are already paired before they use.

## **Cautions on iPod/iPhone**

- If the iPod/iPhone does not play correctly, you may update your iPod/iPhone software to the latest version. Please consult the Apple website, <http://www.apple.com> for more details.
- Sound distortion may occur when playing audio source with high recording levels. It is recommended that you turn off the equalizer of the iPod/iPhone when distortion happens. Please consult the iPod/iPhone instruction manual for more information including how to turn off the equalizer.
- We are not responsible for any loss of or any damage to your iPod/iPhone that might result from the use of this product.

## **Cautions on Bluetooth communication**

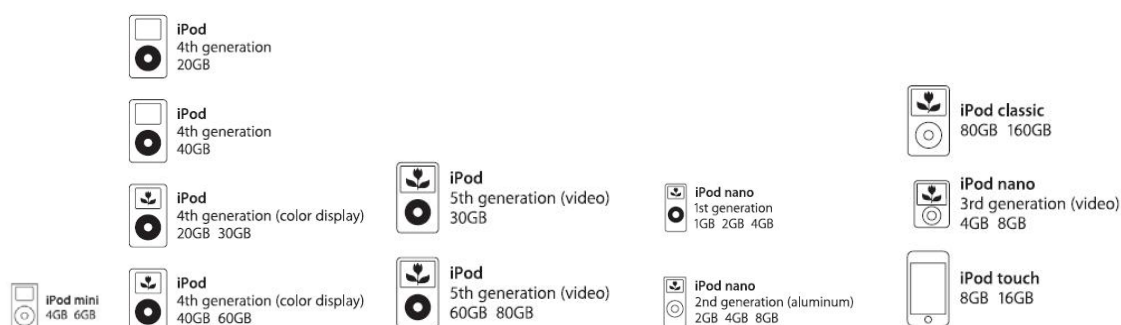
- Bluetooth devices use 2.4 GHz band, which is the same as that used by wireless LAN devices and microwave oven. Interference may occur near these devices and cause disconnectivity, noise, or a degradation of communication speed.

- Although Bluetooth is theoretically and ideally supposed to be compatible to each other with the same profiles and/or compatible profiles, connection with all Bluetooth devices cannot be guaranteed since devices may differ in function, connectivity, display, interfaces, and specifications by makers and developers.
- Some Bluetooth devices take more time to establish connection.

## 2. What's inside the box and Parts name



## 3. iPod/iPhone Compatibility

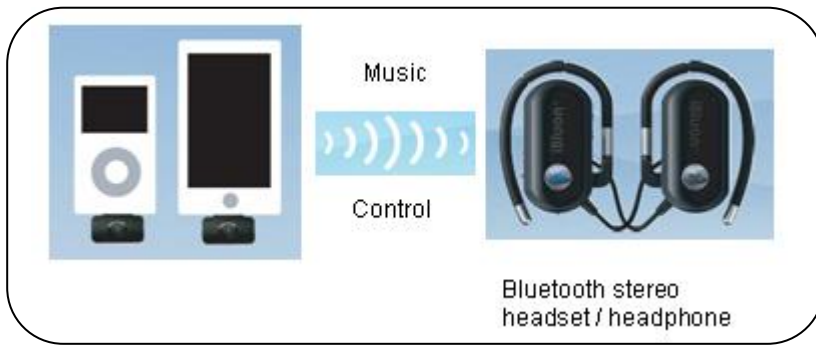


## 4. How to use

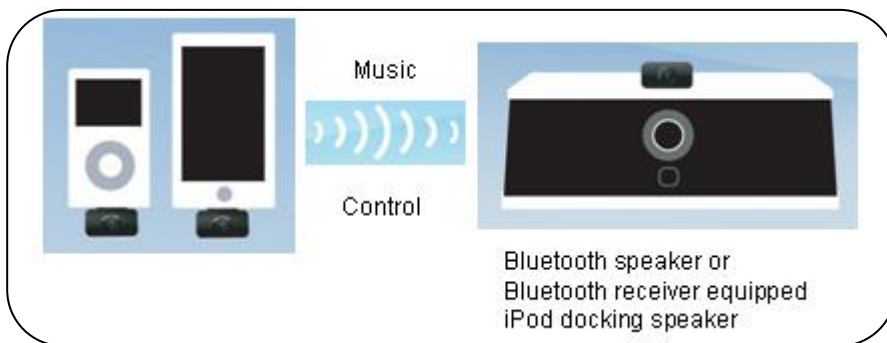
**This Bluetooth audio transmitter** for iPod/iPhone offers the latest innovation in Bluetooth technology. It can transfer audio from Apple iPod/iPhone to a Bluetooth stereo headset/headphone or Bluetooth audio receiver wirelessly. As a kind of easy control product, it will finish searching, pairing, and connecting by itself automatically. A user just needs to plug it into iPod/iPhone to start the operation. As this product is a Bluetooth transmitter, it will be paired with a target Bluetooth device like a Bluetooth stereo headset/headphone or Bluetooth receiver equipped speaker. Please see below various applications. The target(receiving) Bluetooth devices described below are not included in this product package.

### **With Bluetooth stereo headset / headphone**





***With Bluetooth built-in speakers or Bluetooth receiver equipped iPod/iPhone docking speakers***



***Pairing – Registering to a Bluetooth device***

1. Turn on or put your target Bluetooth device into a pairing mode. (See a user guide of your target Bluetooth device.)
2. Plug the **Bluetooth audio transmitter** into the iPod/iPhone as shown and make sure the iPod/iPhone is on and playing music.



3. The status LED light will begin to flash rapidly as it attempts to connect with your target Bluetooth device.
  4. The **Bluetooth audio transmitter** and your target Bluetooth device will automatically pair within **20 seconds**. Once paired, the status LED light will begin to flash slowly.
- [Note] The **Bluetooth audio transmitter** remembers the previously paired device. When it finds the previously paired device, it will be paired again automatically while seeking the target device. (See “Status LED flashing patterns” below.)

[Tip] Please make sure the pin code of your target Bluetooth accepts “0000”. Otherwise, the **Bluetooth audio transmitter** will not pair with it. For this part, Please refer to the user guide of the target Bluetooth device and/or consult it with the vendor of your target device.

### **Status LED flashing patterns**

There are three status of **Bluetooth audio transmitter** when it is powered by the iPod/iPhone. The status LED flashing patterns below show its status.

Status	Definition	Flashing patterns
Seeking	Seeking previously paired device to reconnect to	
Pairing	Looking for a new target device to pair with	
Connected	Successfully paired and now communicating wirelessly	

## **5. Troubleshooting**

1. Please note that you should also be familiar with a target Bluetooth device like Bluetooth stereo headset/headphone or Bluetooth (receiver equipped) speaker.
2. Please note that **Bluetooth audio transmitter** will only work with your target Bluetooth device with supported A2DP, AVRCP profiles
3. If disconnection or lost link occurs, it maybe due to the following reasons.
  - The range is over 10 meters between the two devices. (Please keep the distance within 10 meters.)
  - Either device has been switched off. (Please make sure both devices are turned on.)
  - RF (Radio Frequency) performance of your devices may have been affected by other Bluetooth devices or other wireless devices with the same RF around them.
4. Please repeat Pairing Process in “5. How to use” section when wireless connection is unstable.
5. Please also make sure your iPod/iPhone volume and/or your target Bluetooth device volume are up.

## **6. Specifications**

<b>Bluetooth Version</b>	Version 2.0 compliant, Class II
<b>Bluetooth Support Profile</b>	A2DP, AVRCP
<b>RF Frequency</b>	2,4GHz / 79 Channel / AFH
<b>Coverage Range*</b>	Bluetooth standard 33 feet (10 meters)
<b>Power Methods</b>	Powered by iPod/iPhone.

\*Performance may vary by device.



# 7.Warning

## **FCC compliance Information**

This device complies with part 15 of FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference received.
2. This device must accept any interference received.

Including interference that may cause undesired operation.

## **Information to User**

This equipment has been tested and found to comply with the limits for a Class B digital device, Pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio Frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
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This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

User information Statement

Hereby, DIOSTECH Co., Ltd. declares that this BT-TD02 is in compliance with the essential requirements and other relevant provisions of directive 1999/5/EC.



**8. *Warranty***

**9. *Need more help?***