

DBUB-P207
DBUB-P207 L
DBUB-P207 H
Bluetooth Adapter

User's Manual

This document provides safety instructions and describes the specifications. Read this document carefully before installing to ensure your safety and product performance.

Federal Communication Commission (FCC) Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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 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 to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

The product comply with the FCC portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Industry Canada statement:

This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Radiation Exposure Statement:

The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Déclaration d'exposition aux radiations:

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé.

Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

Taiwan statement:

第十二條

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條

低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Caution:

Be aware of the following limits before using the Bluetooth Adaptor.

- Do not subject the Bluetooth Adaptor to high temperatures, direct sunlight or moisture.
- Do not bend, or subject the Bluetooth Adaptor to strong impacts.
- Do not disassemble or alter the Bluetooth Adaptor in any way.
- Do not attempt to install the Bluetooth Adaptor in any incompatible device.
- Do not remove the Bluetooth Adaptor from the TV's during operations.
- Data transmitted and received over radio waves may be intercepted and monitored.
- To avoid malfunctions caused by radio wave interface, keep the TV away from the devices such as other wireless devices, microwaves and the devices that use 2.4 GHz signals when using the Bluetooth Adaptor.
- Depending on the area, this Bluetooth Adaptor may not be available.

Setup the Bluetooth connection

The Bluetooth adapter is pre-installed in the TV set. No extra installation steps are required for users. Follow the steps below to start using the feature of this adapter:

1. Turn on your TV.
2. Switch to the channel that delivers 3D contents. If you are watching a disc with 3D contents, you will also need to activate your player for playing the disc.
3. Turn on your 3D glasses.
4. The 3D glasses will pair with this Bluetooth adapter automatically and are now ready for use.

Specification

Power supply	DC 3.3V 38.5mA(typical)
Antenna	Tx 1, Rx 1
Host Interface	USB 2.0 + GPIO x1
Standard Compliance	Bluetooth 3.0
Frequency Range	2.4 GHz (2.40GHz-2.4835GHz)
Modulation	•GFSK •Pi/4 QPSK •8DPSK
Receiver Sensitivity	-88 dBm(typ.) GFSK, 0.1%BER -85 dBm(typ.) for pi/4-DQPSK, 0.01%BER
Transfer rate (standard) *	3.0Mbps(MAX, Theoretical Value)
Output Power	Class 2, 0dBm typical, class 2 device (-6dBm < output power <4dBm).
Security	BT E0/AES/SAFER+

* Transfer rate are theoretical values; however, actual communication rate will vary according to communication environment or connected equipment.