UD-3000TV User Guide

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Note : For intentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment

Caution: The use of a permanently attached antenna or of an antenna that user a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of required this section.

The manufacturer may design the unit so that broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

This instruction manual is contained to required statement from FCC & R&TTE

Hereby, UNEEDS Commerce Co.,Ltd.
Declares that this Wireless Headset and Base is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC
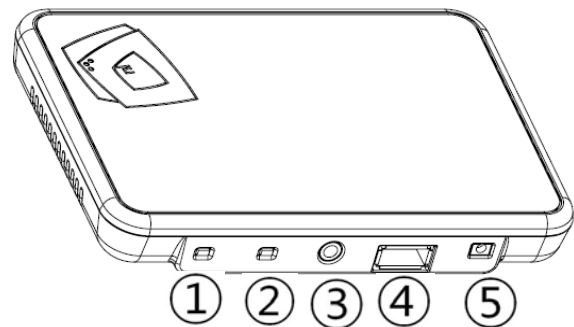
![U·NEEDS COMMERCE]

1. What is Bluetooth?

Bluetooth is a standardized, short range wireless solution. In much the same way WAN and LAN technologies created wide and local area networks of connected devices, Bluetooth allows you to create a PAN, Personal Area Network, of devices within a tight, 30ft or less, range. It is perfect for input devices like mice and keyboards, tethering cell phones to use as modems and for audio devices like this headset.

2. Introduce of UD-3000TV

UD-3000TV is transceiver which can transmit the bluetooth signal to two headsets through Digital TV or Digital Media Devices such as PDA, PMP, Laptop, Audio, etc. This is designed for using both SPDIF cable and 3.5 pi analogue cable. (Can not be used simultaneously)

3. Controls and Connector

① Pairing Button 1

② Pairing Button 2

③ 3.5 pi/SPDIF cable input socket

④ USB charging port

⑤ Power port

⑥ Power signal lamp

4. Getting Started

(1) Connecting to the TV or Digital Media Devices

① Insert the 3.5 pi cable or SPDIF cable on the output socket of TV or Digital Media Devices

※ refer to the manual of TV or Digital Media Devices.

② Insert the 3.5 pi cable or SPDIF cable on the input socket of UD-3000TV.

③ Connect the adapter on the Power port of UD-3000TV.

※ If you want to switch the cable while you are using the UD-3000TV, you should remove the adapter.
   This is an important phase for UD-3000TV to decide which sound signal it processes.

(2) Pairing the Headset

① To enter the pairing mode of Bluetooth headset which you would like to connect.

② Press the Pairing Button 1 of UD-3000TV.
   Pairing Button 1's lamp will be rapidly flashing blue light.

③ Rapidly flashing blue light indicates that you are in pairing mode.

④ The blue lamp of Pairing Button 1 is completely will be on, once pairing is complete.

⑤ To connect the second headset just follow the above steps but, use Pairing Button 2.

※ Warning

The first time you use the headset, you will need to pair it with the device you intend to use the headset with. Pairing creates a link between the headset and the connected device. Once done, you should not have to repair with the same device again. It also works for exterminating the interruption and sets up the security. After that, UD-3000TV is in perfect working order. But if you paired your headset to other devices but UD-3000TV, you should pair it again.

5. Auto Connection

Once done the first pairing, you should not have to repair with the same device again. But the headset should not be paired with other devices. And the power of headset and UD-3000TV should be ON.

(1) If the Power of Headset is OFF

① You should turn on the headset.

(Refer the manual of your headset to turn it on)

② Pairing will be automatically done after a while.

③ In this case you should not have to press the pairing button.

※ if you press the pairing button, you should pairing it again.

(2) If the Power of UD-3000TV is OFF

① To Power On the UD-3000TV, connecting the adapter to the power port of UD-3000TV

② Pairing will be automatically done after a while.

※ if you press the pairing button, you should pairing it again.

6. Frequently Asked Questions and Troubleshooting

◉ Unavailable to hear any audio through the headset.

- Check to make sure that the headset is powered on.

- Make sure that the devices are properly paired and connected to each other.

◉ The devices can not be automatically paired.

- Make sure the power of headset and UD-3000TV is ON.

- Check whether or not the headset is paired with other devices.

If it is, disconnect the headset with other devices.

◉ Getting a noise or lip-sync.

- Make sure that the battery of headset is enough. If not please recharge it.

- If the battery is fully charged, please pairing it again.

⊙ What is the maximum range between the headset and the UD-3000TV?

- Typically up to 10 meters with clear line of sight. However, this distance may be reduced if there are sources of interference or other radios such as Wifi being used in the same area.

⊙ When it is disconnected by furthering from Dongle while you are using.

- Turn the Power-off and Power-on again, then it will be automatically connected.

If you have any inquiry please visit our web site --→ www.u-needs.co.kr

7. CAUTIONS

1) Keep the headset away from flames.

2) Do not drop the headset or expose it to shock as it may reduce the expected life of the device.

3) Do not modify, disassemble or repair this product by yourself.

4) Do not expose this device to water or excessive moisture.

5) Do not clean with chemical cleaning products.

6) Only use the provided charging cable for charging.

7) Store at room temperature when not in use.

8) This device is compliant to Bluetooth 2.0 specifications and may not be compatible with other Bluetooth devices.

9) Do not use the headset at high volumes for a prolonged period to prevent damage to your hearing.

※ Exemptions

1) The manufacturer, resellers and agents are not responsible for any kind of accidental damage or injury caused by customer misuse of the product.

2) The User's Guide is written and based on current product specifications at the time that it was written.

3) The specifications and usage is changeable without notice in order to improve the product's quality.

8. Product Specification

SPECIFICATIONS

8-1. General description

Specification	UD-3000TV
Configuration	Bluetooth Audio Dongle
Bluetooth Version	Bluetooth Ver 2.0
Bluetooth Profile	A2DP
Range	Maximum 10m (Class 2)
Weight	78g
Input Socket	3.5 Pi Analogue & SPDIF
Receive Sensitivity	-90dBm
Frequency	2.402 ~ 2.480 GHz
Voltage/Current	6.0 Vdc, 500 mA
Operating Temperature	-40 ~ 70℃

8-2. Electronic Specification

Operation Frequency Range	2,402 MHz ~ 2,480 MHz ISM (Industrial, Scientific, Medical) Band
Modulation Type	GFSK(Gaussian Frequency Shift Keying)
Emission Type	F1D
Max. Power	5.0 mW (Conducted power declared by applicant)
Wireless Access Type	FHSS (Frequency Hopping Spread Spectrum
Channel Number	79 ch
Communication Type	Half duplex
Antenna type	Chip type(Internal fixed on PCB board)
Oscillation Type	PLL (Phase Local Loop)

9. Customer Service

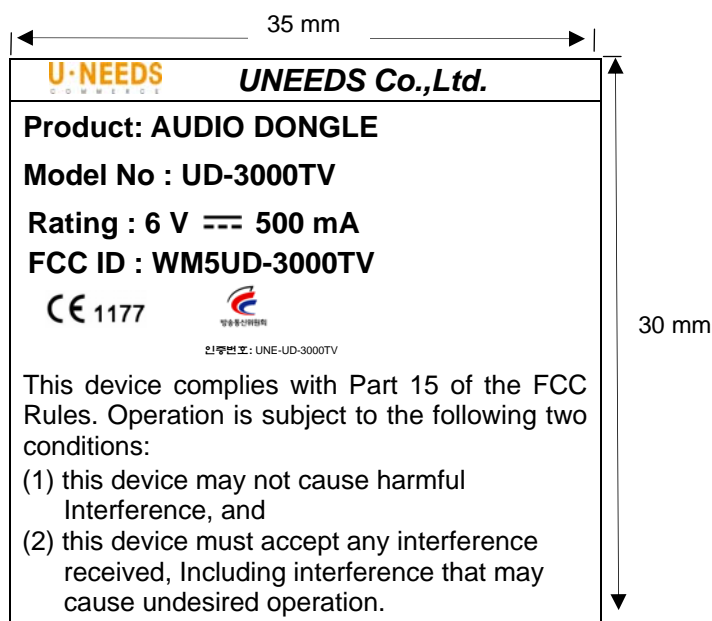If have your any question and some matter please contact below address(contain Tel No, e-mail)

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10. Label Information

35 mm

U·NEEDS **UNEEDS Co.,Ltd.**
C O M M E R C E

Product: AUDIO DONGLE

Model No : UD-3000TV

Rating : 6 V ⎓ 500 mA

FCC ID : WM5UD-3000TV

CE 1177   인증번호: UNE-UD-3000TV

30 mm

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 device is a 2.4 GHz wireless digital transceiver, intended for indoor home and office use in all EU member states,

※ FCC Notice : only apply for receiver part on product

Class B digital device (Product Name: AUDION DONGLE)

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, my case harmful interference to radio communication. 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 difference from that to which the receiver is connected.
 - Consult the dealer of an experienced radio/TV technician for help