

GO-DAPT

Headphone Amplifier

Tube Headphone Amplifier

User's Guide



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Thank you for purchasing VentureCraft product. Please read this user's guide thoroughly before using.

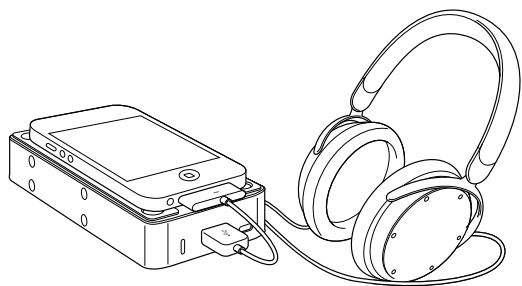
Keep this document available for your future reference.

Disclaimer

- VentureCraft is not responsible for any damages caused by natural disasters and fire, actions or damages caused by third parties, criminal or accidental use by individuals, or any other damages caused by other irregular usage.
- VentureCraft is not responsible for any changes or losses to recorded data, losses of commercial profit, interruption of business operations, or any resultant damages or losses caused by use or malfunction of this product.
- VentureCraft is not responsible for any damages caused by failure to follow instructions in this user's guide.

Dear Valued Customer,

Before using this product, please make sure to read "Cautions on Use" found on the page 11 of this document.



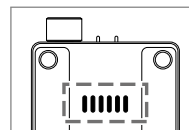
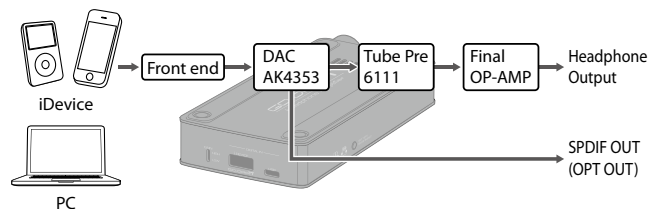
■ Features of this Product

Go-Dap TT has certainly inherited the great features of the successive products and is a flagship model in the Go-Dap series. Go-Dap TT integrated the contemporary semiconductor technology in the rich and soft tube sound and has succeeded to eliminate thoroughly the microphonics noise, the tube's weakest point.

Go-Dap TT is the best-suited tube headphone amplifier to play digital audio sources in the highest quality sound.

To enjoy Go-Dap TT for many year to come, the easily-replaceable socket-typed "Raytheon 6111 Sub MT Tube" is mounted.

- The large capacity battery (3500mAh) makes possible the longer playback time.
- Digital audio signal is converted to S/PDIF by the (DIT built-in)D/A converter and output from the 3.5mm round optical digital terminal to connect with other audio devices.



On the model with a preheat supporting tube substrate, when the power gets ON, a blue LED turns on for about 5 seconds while preheating the tube heater. This can be seen in the heat rejection slits.

■ Contents of Package

- Go-Dap TT main unit
- USB cable (USB2.0 compatible[A connector - micro B connector type])
- Customer card & Warranty(Japan only)


■ Compatible Models of iPod/iPhone and PC (OS)

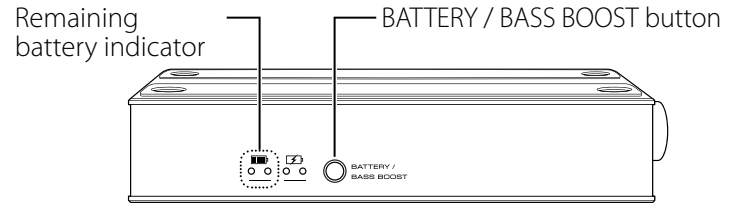
- iPod:
 - iPod classic (160GB, 2009)/iPod nano (Sixth generation)/iPod touch (Forth generation)
- iPhone:
 - iPhone 5 / 4S / 4 / 3GS
- PC(OS)
 - Windows:
 - 8 / 7 / Vista / XP SP3 or later (32 bit/64 bit)
 - Mac :
 - OS X v10.5 Leopard or later

■ How to Use this Product

Please follow operational procedures 1 to 10 below.

1. Checking the Remaining Battery of this Product

The remaining battery can be checked by the color of the remaining battery indicator LED  located on the side panel. The LEDs will light up in accordance with the remaining battery when the BATTERY / BASS BOOST button is pressed lightly.



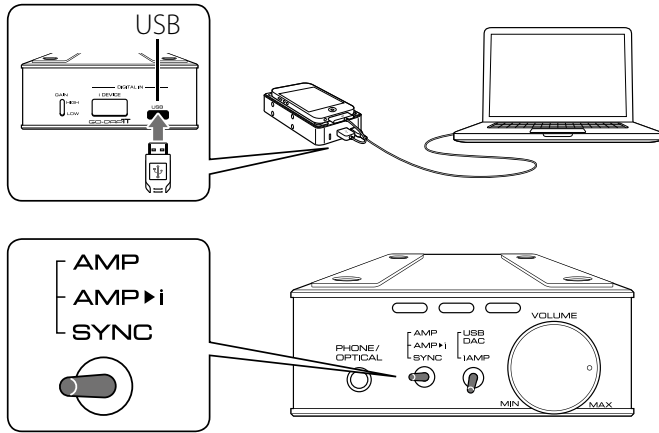
Remaining battery	LED
Full	○ ○
Low	○
Empty	Off

LED color ○:Orange

CAUTION


The battery at the time of purchase is not fully charged.
Charge the battery before using this product.

2. Charging the Built-in Battery of this Product



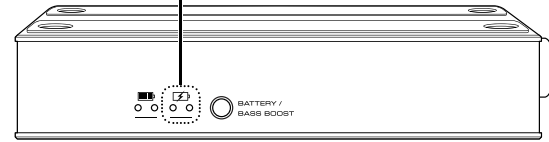
1 Connect the USB micro B connector on the rear panel of this product and computer or the USB charging adapter supplied with iPod/iPhone by using the supplied USB cable.

2 The built-in battery is charged by setting the toggle switch (L) on the front panel to "AMP" or "AMP ▶ i" mode. (Make sure the power is OFF.)

During charging, the charging status indicator LED  located on the side panel will light up.

- * When the built-in battery of this product has been fully charged, it will automatically start charging iPod/iPhone. It takes approximately 6 hours to fully charge this product.
- * The charging status LEDs turn off when the USB cable is disconnected.

Charging status indicator



Charging status	LED
Pre charge	○ ●
Charge	○
Complete	●

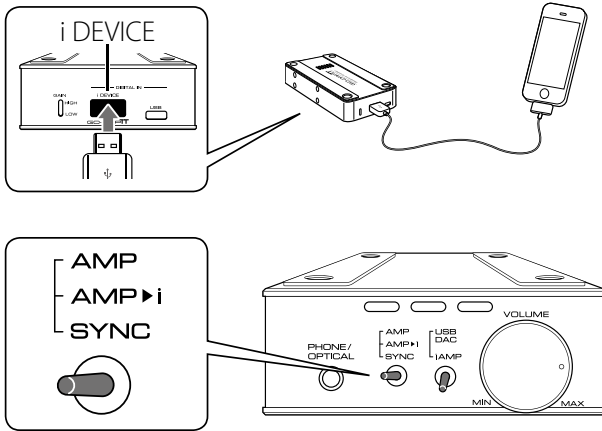
LED color ○:Orange ●:Green



CAUTION

If both LEDs are off or become off when the USB cable is connected, immediately disconnect the USB cable and stop charging.

Please refer to "Troubleshooting" on page 9 of this User's Guide and reset before reuse.

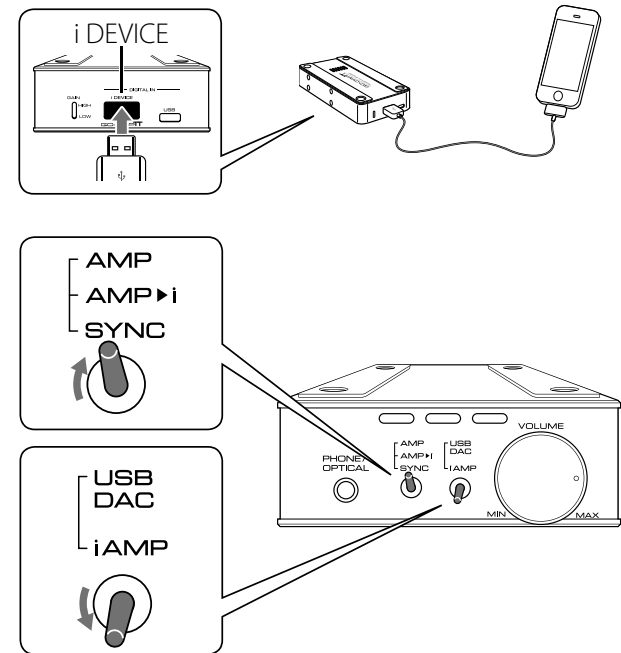
3. Charging iPod/iPhone by this Product's Built-in Battery



- 1 Connect by inserting the Apple genuine dock cable supplied with iPod/iPhone into the i DEVICE (USB standard A) connector of this product.
- 2 Turn the power ON by the power switch volume knob and set the toggle switch (L) to "**AMP > i**" position. iPod/iPhone will start to be charged from the built-in battery of this product after beep or vibration that indicates the authentication is completed. The battery mark located  at the top right of iPod/iPhone screen will change to a charging mark .

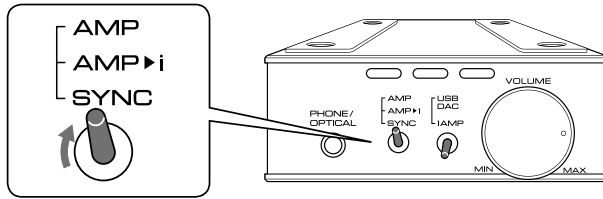
4. Connecting with iPod/iPhone

Connect by inserting the Apple genuine dock cable supplied with iPod/iPhone into the i DEVICE (USB standard A) connector of this product, and set the toggle switch (R) on the front panel to "**iAMP**" and the toggle switch (L) to "**AMP**" mode for headphone output/digital output.



5. Listening to Music in iPod/iPhone in "AMP" Mode

- 1 Turn the power ON by the power switch volume knob and set the toggle switch (L) to "**AMP**" position.



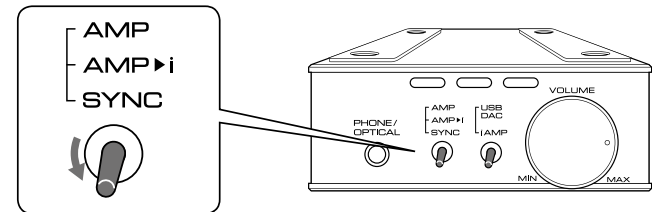
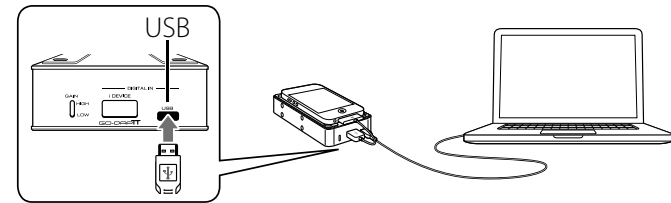
- 2 Once this product and iPod/iPhone are correctly connected (authenticated), the toggle switch LED turns on red or green.

* If the toggle switch is blinking, iPod/iPhone may not be connected with this product at all, or it may not be correctly connected (authenticated).

In such case, disconnect iPod/iPhone once and reconnect, or turn the power OFF by turning the power switch volume knob counterclockwise all the way until it clicks, and then turn the power ON again.

6. Synchronizing with iPod/iPhone and iTunes on Computer

- 1 Connect the USB micro B connector on the rear panel of this product and your computer with the supplied USB cable.
- 2 By setting the toggle switch (L) on the front panel to "**SYNC**" mode, it enables synchronization with iTunes on your computer. "SYNC" state is the same as if iPod/iPhone was directly connected to your computer.

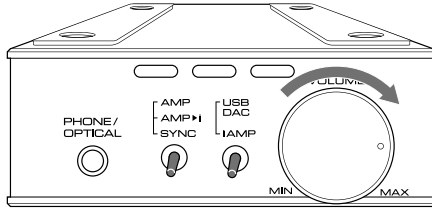


CAUTION

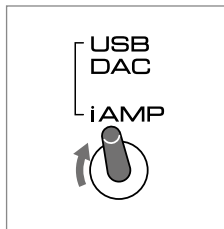
Do not change the switches or disconnect the microUSB cable during synchronization.

7. Listening to Music on Computer in "USB DAC" Mode

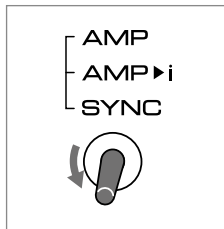
- 1 Turn the power switch volume knob clockwise until it clicks to turn the power ON.



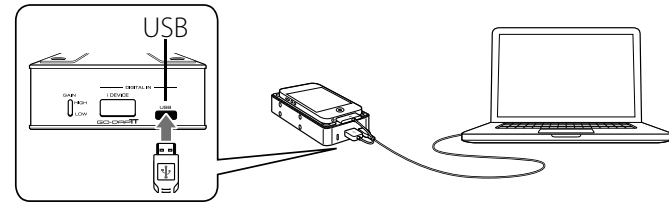
- 2 Set the toggle switch (R) to "USB DAC" position.



- 3 Set the toggle switch (L) to "SYNC" position.



- 4 Connect this product and computer with the supplied USB cable. The device driver is automatically installed when this product is connected to computer for the first time.



- 5 Check the sound setting on computer and confirm a sound is coming. For volume control, adjust the volume on computer.

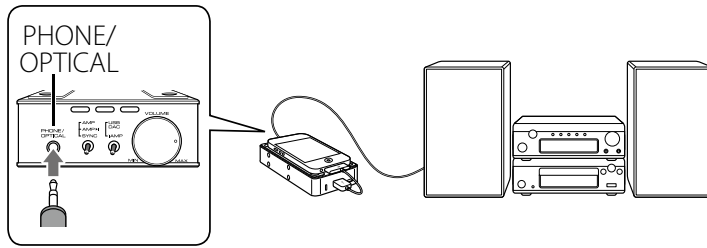
* The built-in battery will not be charged.

8. Connecting to Other Audio Devices

This product supports both digital and analog output.

■ Digital connection

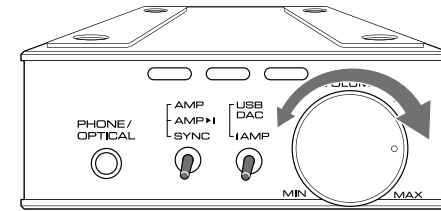
This product can be connected with other audio devices which have an OPTICAL input connector.



9. Setting Other Functions

■ Setting volume

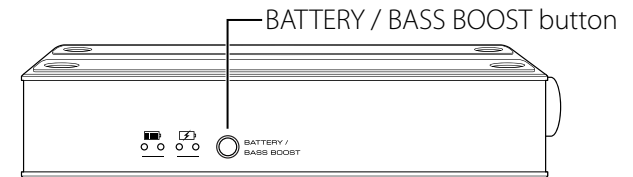
Adjust the power switch volume knob.



■ Setting bass boost

Use bass boost for enhancement in bass.

- 1** Press and hold the BATTERY / BASS BOOST button.



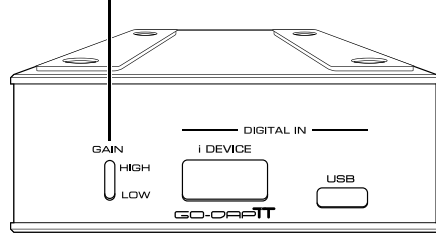
- 2** The LED on the toggle switch (L) in the front panel starts blinking.
- 3** Move the toggle switch (L) back and forth between AMP and AMP>i/SYNC positions once.

10. Setting Gain

Gain of the headphones can be set by switching the Gain toggle switch to either [HIGH] or [LOW].

It enables the headphones with different impedance to exert its full performance and to play in high-quality sounds.

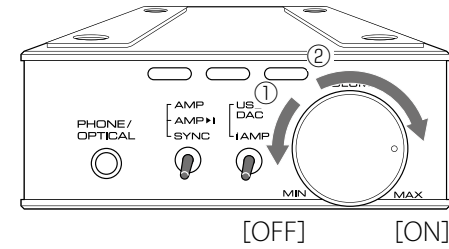
Gain toggle switch



* Do not apply force to the Gain toggle switch to avoid breaking the switch.

Troubleshooting

- In case the operation of Go-Dap TT freezes (operation stops), reset Go-Dap TT to the factory setting by turning the volume knob all the way counterclockwise until it clicks, turning OFF the main power, and then turning it back ON by turning the volume knob clockwise again.



- Reconnect iPod/iPhone and this product.
- Restart iPod/iPhone.

Specifications

■ Main unit

Size	Width 67.80 × Depth 133.50 × Height 25.00mm (including the protrusion)
Weight	234g

■ Analog lineout

Frequency characteristic	Within 20 to 20kHz±2dB
SN ratio	94dB or greater
Distortion	Distortion: 0.5% or less Maximum output: 80mW + 80mW @32Ω Adaptive impedance: 16Ω or higher

■ Digital lineout

Sampling frequency	PC DAC : Input 32/44.1/48kHz 16bit Output 32/44.1/48kHz 16bit iDevice DAC : Input 32/44.1/48kHz 16bit Output 48kHz 16bit
Digital output (OPTICAL)	S/PDIF

■ Inputs

USB connector	USB standard A connector (concave)
	USB micro B connector (concave)
	* This product supports USB 2.0.

■ Battery

Battery type	Lithium ion polymer battery
Capacity	3500mAh
Charge method	Via the supplied USB cable (USB2.0)
Time to full charge	Approx. 6 hours
Operation time	Approx. 6 hours
Sustainable charge frequency	Approx. 500 times

■ Power supply

Input	5VDC / 500mA (MicroUSB_B)
Output	5VDC / 1A (USB_A)

■ Compatible audio data format

Audio data format	AAC (16 to 320Kbps), AIFF, AAC (MP4 downloaded from iTunes Store), MP3 (16 to 320 Kbps), MP3 VBR, Audible (formats 2-4), Apple Lossless, WAV
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Cautions on Use

In order to use this product safely and prevent accidents, please take the following cautions.

- A tube is mounted on this product. In order to avoid a unit breakdown/malfunction, do not give a vibratory motion and a drop and do not use in high-temperature and high-humidity environments.
- In order to avoid risks such as fire and electric shock, do not use in high-humidity environments or where this product may come in contact with water.
- Do not use, charge or leave this product in locations exposed to direct sunlight such as car dashboards and window sills. Also, do not use, charge or leave in high-temperature environments such as inside vehicles parked in the sun or near heat sources such as heaters and stoves.
- Do not use to play music, etc. while driving a vehicle, riding a bicycle, or walking.
- If liquid that has been leaked from the battery makes contact with your skin or cloths, wash under running water immediately. Also, if such liquid enters your eyes, wash under running water immediately without rubbing and consult a doctor.
- Do not disassemble, modify, or repair this product by yourself.

- If this product does not get fully charged after the specified charging time, cease charging and arrange for inspection/repairs to be performed.
- Use a soft cloth to clean this product. Do not directly apply water, dust spray, solvent, polisher, cleaning agent, etc.
- When charging an iDevice by the built-in battery of this product, operate in a drafty environment. Operating in a hermetically-closed environment may cause a unit breakdown/malfunction and a low-temperature burn by the temperature upshift.
- The battery has a life duration. The usable duration will become shorter due to aging degradation. Do not keep charging for a long period of time. Always disconnect the USB cable each time when charging is completed.

Replacement of Tube

The mounted tube has a life duration.

When feeling degradation, it is recommended to replace.

For more information, contact Product Support on page 14.

Battery Disposal and Recycle

When disposing of this product, do so in accordance with the laws and regulations applicable in the area you live.

This product has a built-in battery therefore can not be disposed of together with general household waste.

For the customers in the USA INFORMATION:

This product 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 product 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 product does cause harmful interference to radio or television reception, which can be determined by turning the product 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 product and receiver.
- Connect the product 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.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this product.

If you have any questions about this product:

Visit: <http://go-dap.com>

Contact: Venture Craft Customer Information Service
+81-3-5204-1004

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.

For the customers in the USA and Canada RECYCLING LITHIUM-ION BATTERIES

Lithium-ion batteries are recyclable.

You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.

For more information regarding recycling of rechargeable batteries, call toll free 1-800-822-8837, or visit <http://www.rbr.org/>.

Caution: Do not handle damaged or leaking Lithium-ion batteries.



About China RoHS Compliance

DD Limited 有毒有害物质或元素含有表

有毒或 有害物质	零部件	
	电路板	附件
铅 (Pb)	○	○
汞 (Hg)	○	○
镉 (Cd)	○	○
六价铬 (Cr ⁶⁺)	○	○
多溴联苯 (PBB)	○	○
多溴二苯醚 (PBDE)	○	○

- 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T 11363-2006 标准规定的限量要求以下。
- × 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 规定的限量要求。

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European Union - Electronics and Battery Disposal Information:

This symbol means that according to local laws and regulations your product and its battery should be recycled separately from household waste. When this product reaches its end of life, take it to a collection point designated by local authorities for the recycling of electronic product. The improper disposal of waste electronic product from the consumer may be subject to fines. The separate collection and recycling of your product and its battery at the time of

disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

CE Notice



This product conforms to the EMC Directive 2004/108/EC and to the Low Voltage Directive 2006/95/EC. The complete Declarations of Conformity can be found at <http://go-dap.com>.

Product Support

VentureCraft Inc. Gadget Business Division

<http://www.go-dap.com/>

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+81-3-6893-3728

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