1.6 User Manual

CANTO Bluetooth Music Transceiver

Model no.: BHA200

CANTO Bluetooth Music Transmitter

Model no.: BHA200T

CANTO Bluetooth Music Receiver

Model no.: BHA200R

SPECIFICATIONS

AC/DC Adapter	Nominal input voltage:	100-240V
	Nominal input current:	300mA
	Nominal output voltage:	5V
	Nominal output current:	500mA
CANTO device	Nominal input voltage:	5V
	Nominal input current:	500mA

Weight:	60g		Transmission range:	Bluetooth Class 2 (approx. 10m*)
External dimension:	diameter 64.9mm x height 18.7mm		Transmission frequency band:	2.400 GHz to 2.4835 GHz
Terminals:	DC input port (x 1) & Audio output (x 1)		Supporting Bluetooth profiles:	A2DP (Advanced Audio Distribution Profile)
Communication method:	Bluetooth V2.1 + EDR		Supporting CODEC:	SBC, apt-X®

(* When used in combination with Power Class 2 device, the transmission distance is an approx. value. It may vary, depending on the ambient environment.)

Regulations According to R&TTE

Declaration of Conformity

Hereby, AvantWave Limited declares that this product BHA20x (where x = 0 to 9), BHA20xT (where x = 0 to 9) and BHA20xR (where x = 0 to 9) are in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC, in conformity with the following standards;

EN300 328, EN301 489-1, EN301 489-17 and EN60950-1

The declaration of conformity may be consulted to AvantWave Limited.

AvantWave Limited

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NOTE ON ENVIRONMENTAL PROTECTION

After the implementation of the European Directive 2002/96/EU in the national legal system, the following applies:

Electrical and electronic devices may not be disposed of with domestic waste. Consumers are obliged by law to return electrical and electronic devices at the end of their service lives to the public collecting points set up for this purpose or point of sale. Details to this

are defined by the national law of the respective country. This symbol on the product, the instruction manual or the package indicates that a product is subject to these regulations. By recycling, reusing the materials or other forms of utilizing old devices, you are making an important contribution to protecting our environment.

FCC Compliancy

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

IMPORTANT SAFETY INSTRUCTIONS

READ BEFORE OPERATING EQUIPMENT

This product was designed and manufactured to meet strict quality and safety standards.

There are, however, some installation and operation precautions which you should be particularly aware of.

1) Read these instructions.

2) Keep these instructions.

3) Heed all warnings.

4) Follow all instructions.

5) Do not use this apparatus near water.

6) Clean only with dry cloth.

7) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

8) Only use attachments/accessories specified by the manufacturer.

TYPE APPROVALS
FCC ID:XQN-BHA20X
QDID:B015951

User Manual

Thank you for buying CANTO Bluetooth® Music Device!

Please ensure you read this manual fully before use and retain it for future reference.

We have 3 options for this product, please kindly check which option belongs to your product!

Options:

i)   CANTO Bluetooth Music Transceiver (Model no.: BHA200)

ii)   CANTO Bluetooth Music Transmitter (Model no.: BHA200T)

iii)   CANTO Bluetooth Music Receiver (Model no.: BHA200R)

Product features

- Use with Hi-Fi system as Bluetooth® Music transceiver/transmitter/receiver

- A2DP Stereo range of 10 metres (Class 2)

- Stream music to and from Hi-Fi via 3.5mm audio cables

Package included

- CANTO Bluetooth® Music device

- Power Adaptor 5V

- This User Manual

Getting Started

To set up your CANTO, please follow these steps:

- Plug two* 3.5mm (pink & green) jacks into IN & OUT of Hi-Fi system respectively

- Select Sink ( ) OR Source ( ) mode by a slide switch

- Press and hold the POWER/PAIR button (/) for 5 seconds to turn it ON

*BHA200T & BHA200R only has one 3.5mm jack

BHA200T connect to "OUT" of Hi-Fi system

BHA200R connect to "IN" of Hi-Fi system

Note:

- Bluetooth device needs Bluetooth v1.2 or above, and A2DP

- Sink mode : CANTO act as music receiver

Enter pairing mode^

Sink mode

- Turn on Bluetooth® function in your device and search for "CANTO"

- If need, enter PIN code : 0000

- If you want to clear pairing list, press and hold POWER/PAIR button with 12 seconds.

Source mode

- Press & hold the POWER/PAIR button with 2 seconds to enter pairing mode, LED fast flashing

- Turn on Bluetooth® function in your device to pair with CANTO, i.e. Bluetooth® Headphone

*BHA200T only has source mode (transmit music)

BHA200R only has sink mode (receive music)

- Source mode : CANTO act as music transmitter
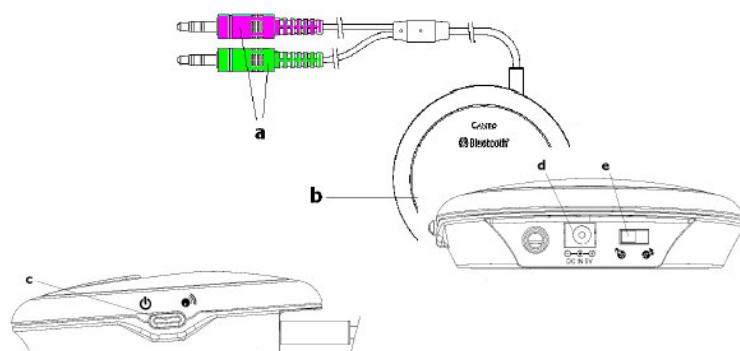
a. 3.5mm audio cable

(pink: Audio IN, green: Audio OUT)

b. LED light

c. POWER/PAIR button

Symbol used:

	POWER/PAIR	Sink mode	Source mode
BHA200	✓	✓	✓
BHA200T	✓		✓
BHA200R	✓	✓	

User Interface

Operation		Sink mode	Source mode
Power ON		PH* POWER/PAIR button 5 sec	
Power OFF		PH POWER/PAIR button 5 sec, LED will keep ON for a while.	
Enter pairing mode		--	PH POWER/PAIR button 2 sec
Clear pairing list		PH POWER/PAIR button 12 sec	--
LED status	Pairing mode	--	Fast flashing
	Connectable state	LED flash 3 times per sec	
	Connected state	LED flash 1 time per sec	
Memory list		up to 4 devices	last device only
*PH : Press & hold			

Reminder :

- You may need to have two conversion cables from

3.5mm audio cable (female) to RCA cable connectors

- further Hi-Fi settings may needed, please refer to it's

User Manual
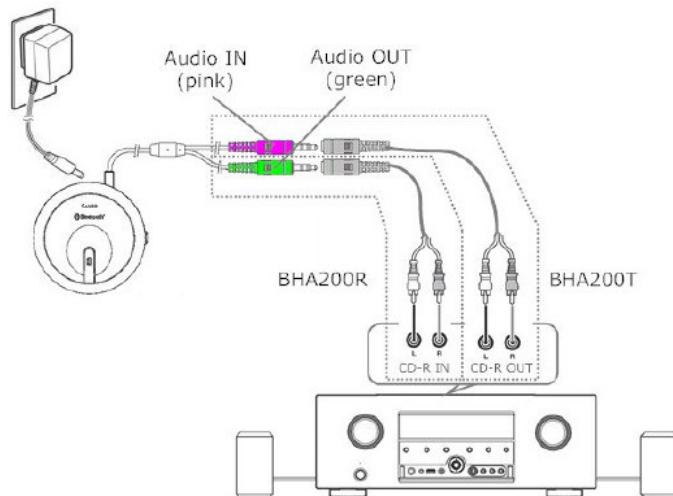
BHA200 has both sink & source modes.
BHA200R only has sink mode.
BHA200T only has source mode.