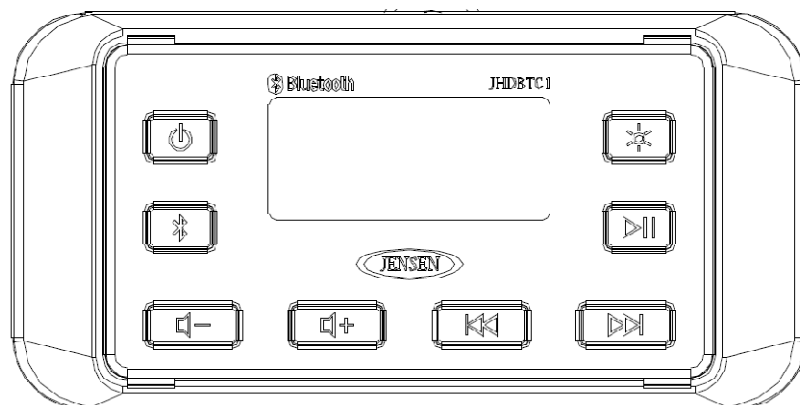




DESIGNED TO MOVE [YOU]

NPP-3443 JHDBTC1

Owner's Manual





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Features

- Waterproof IPX6
- Two Channels of high and low audio output
- Bluetooth 5.0 (support A2DP和AVRCP)
- Dot matrix LCD display
 - Support ID3 content display (part)

packing list

- JHDBTC1 Bluetooth controller x1
- power cable x1
- Decorative frame x1
- PA 4*25mm screw x2

Compliance

Compliance with FCC Rules (U.S.A. Only)

This device complies with Part 15 of the FCC rules. Operation is subjected 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.

NOTICE

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 used in accordance with the instructions, may cause harmful interference to radio communications

FCC WARNING

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

Proper connections must be used for connection to a host computer and/or peripherals in order to meet FCC emission limits.

Safety information



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- To ensure the safe use of the product, please read the entire manual before installing and using.
- Keep instructions for future reference.
- Follow all operating instructions and all safety warnings and cautions to ensure safe use.
- Use only accessories / accessories specified by the manufacturer.
- Do not use harsh cleaners, only clean with a dry cloth.
- Do not install on any heat source accessories and keep a safe distance, such as radiators, heat regulators, stoves or other heating equipment (including amplifiers), etc.
- If you need maintenance, please consult the relevant qualified maintenance personnel. If the following situations occur, the equipment must be overhauled: cable damage, liquid infiltration, foreign matter falling in, rain and moisture, failure to operate normally or equipment falling.
- Do not change, modify or disassemble the equipment without the explicit approval of the party responsible for the equipment.

Invalid permissions

Waterproof

Do not sink into the water as this may cause short circuit, fire or other damage.

Use the right power source

This product is designed for 12V DC negative grounded battery system.

Warning:

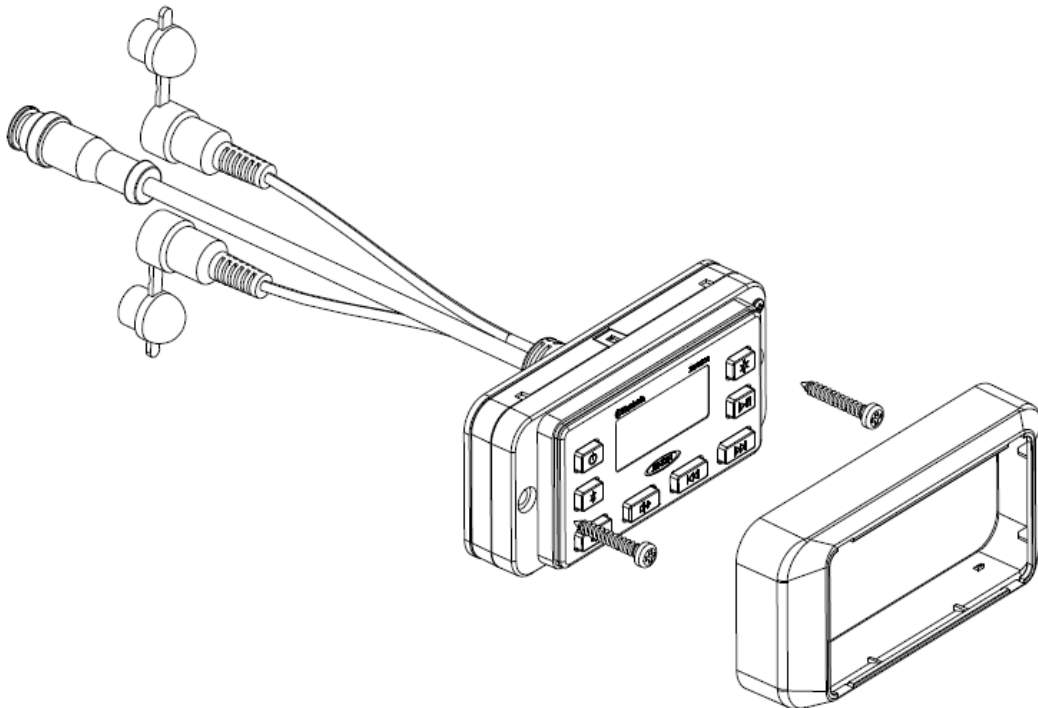
- Don't open, disassemble or modify the machine in any way, otherwise it may cause fire, electric shock or product damage.
- Don't install in a location that may interfere with the operation of the vehicle. Doing so may interfere with sight or movement, resulting in serious accidents.
- When installing wires, do not crimp or squeeze with screws or sharp metal edges. Route the cables from moving parts or sharp edges. This will prevent crimping and damage to the wires. If the wire must pass through a metal hole, make sure to use a rubber ferrule to prevent the insulation of the wire from being cut off by the metal edge of the hole. It is also recommended to use sealant caulks at any openings that may allow water to enter.
- Before installation, carefully check the surface and rear area of the mounting device to ensure that it does not interfere with existing wires or other objects that may be damaged.



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- The installation must disconnect the negative terminal of the vehicle battery to prevent accidental short circuit.
- Don't place open flames, such as lighted candles, cigarettes, etc. on top of the device.

Installation



1. Choose a suitable installation location for the Bluetooth remote control. There should be enough space inside the installation location to connect the player cable to the power supply. Also consider how to use the AUX-OUT interface and route the appropriate extension cable to the accessible area.
2. Fix the Bluetooth remote control with 2 PA 4 * 25mm self-tapping screws from outside to inside.
3. Buckle decorative frame.

Choose a suitable installation location so that there is room for connecting the player cable to the power supply later. Consider how to use the AUX-OUT interface and route appropriate extension cables to accessible areas.



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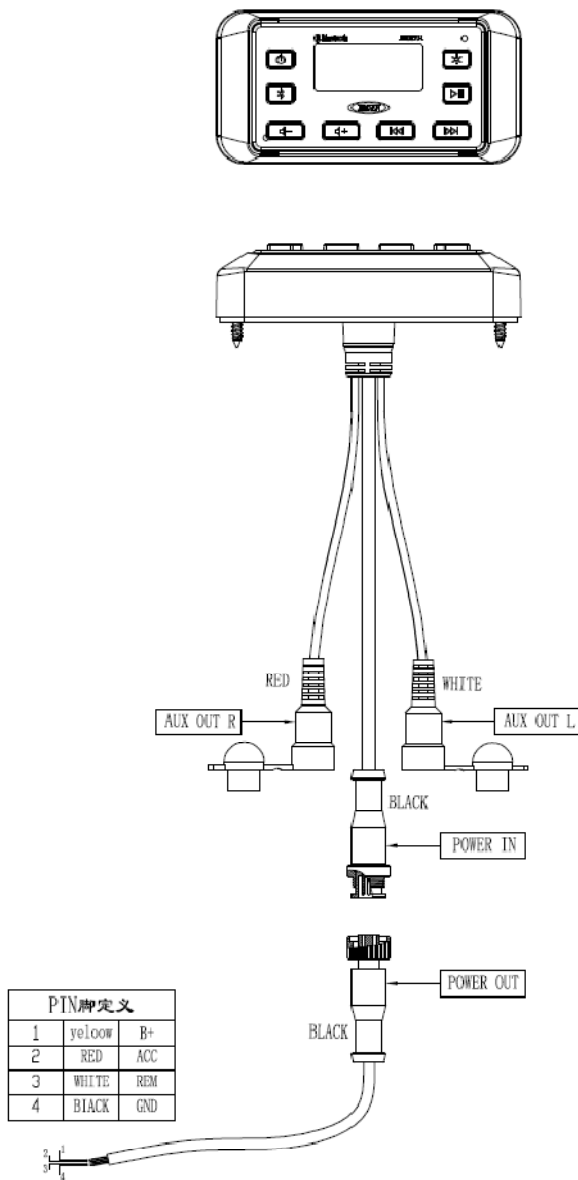
important! Do not install this device where it can be submerged in water

Note: Before the final installation, test the wiring connection to ensure that the device is connected properly and the player is working properly.

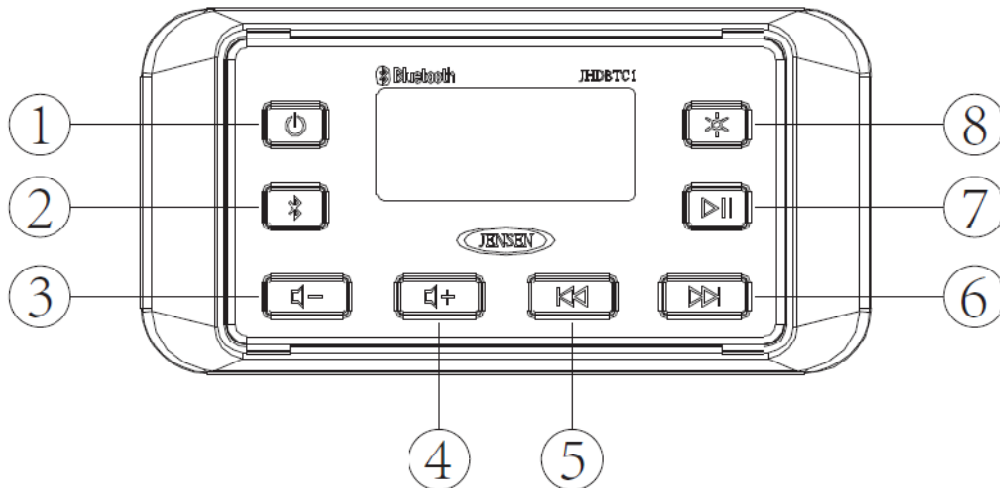
Line output

The line output connector (line output left / right) on the back of the unit outputs line-level single-ended analog signals. Use this output to connect to an external amplifier.


Wiring Diagram





Operation





Basic Operation


[]: Power button (POWER): short press for power on / off. Long press in the off state to respond to a short press. In the on state, long press is the software version display.


[]: BT device selection key. Short press for BT device pairing status, long press for paired BT device selection.

[]: Volume key (VOL-): Short press to adjust volume decrease. Long press to decrease volume continuously.

[]: Volume key (VOL +): Press briefly to increase the volume. Long press continuously to increase volume.

[]: UP button: When playing music, short press to play the previous song, long press to fast backward (FAST BACK).


[]: DOWN button: short press to play the next song while playing music, long press to fast forward (FAST FORWARD).

[]: Play / Pause key: Short press during playback to enter pause, short



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press during pause to start playback. Long press to mute (MUTE).

[]: Brightness adjustment key: short press for day and night brightness selection mode, long press for custom adjustment of brightness and contrast.

Audio menu

Press the UP / DOWN key at the same time, the audio output gear map one interface appears, and then press UP / DOWN again, the second interface appears:



Chart 1

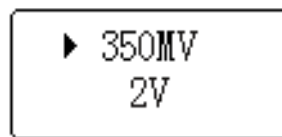



Chart 2

Press VOL key to select, press other keys to exit or 3S automatically exit and save, default: 350mV

Brightness and contrast settings

- Cycle Short press  is Day and night brightness display: The following picture appears:



Default: Day: 8, Night: 2

Long press: The following picture appears:



Press the previous or next song key to make the corresponding selection. Press the pause button to confirm and the interface corresponding to the next three pictures will appear.



Press VOL +/- to adjust, press the pause button to confirm the save or 3S auto save to exit.



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Reset



Press and hold the VOL + / UP button for two seconds at the same time to restore the factory settings. All settings are default and the volume is 15 by default.

Bluetooth Operation


JHDBTC1 includes built-in Bluetooth technology, allowing you to connect this device to a Bluetooth device for streaming audio playback.

Bluetooth menu options


·Bluetooth pairing: short press  The button makes pairing available for 120 seconds, and then connects to a device that supports Bluetooth.

·Device: long press  Button to see a list of previously paired mobile phone devices. Press UP / DOWN Key to view the devices in the list, press  Button to pair with the device (this device Bluetooth is turned on and the paired JHDBTC1 remains).

• JHDBTC1 Store up to 8 devices for Bluetooth connection. These devices are stored in FIFO order.

·Disconnect: To disconnect the paired device, press briefly again  The button disconnects the Bluetooth connection and makes pairing available for 120 seconds. You can re-establish the connection by selecting JHDBTC1 from the phone menu.

Bluetooth pairing

1. Make sure the device is turned on and ready to receive signals from JHDBTC1.
2. Short press , The device displays PAIRING, and counts down from 120 to 0. When the device counts down, use the mobile device's Bluetooth function to search for Bluetooth devices. When your mobile device completes the search, the mobile device will display the Bluetooth device name "JHDBTC1".
3. Select JHDBTC1. Once connected to the LCD, the audio playback interface will be displayed with a Bluetooth icon. After successful connection, you will be



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able to play audio stored on the Bluetooth device via JHDBTC1.

Bluetooth audio



Select track

During playback, press  or , The previous or next track is played and the previous or next icon is displayed on the LCD.



Rewind fast forward

During playback, press and hold  or , The track will rewind or fast forward to play, the LCD will display the fast rewind or fast forward icon, cancel and hold to exit the fast rewind or fast forward state.

Pause playback

During playback, press  Bluetooth audio playback can be paused, LCD . The pause status icon will be displayed. Press again to resume playback, and the LCD will display the playback status icon.

Mute

During playback, press and hold  Button to mute Bluetooth audio output and LCD will show mute icon , Press again to unmute.

Note: If the Bluetooth device is disconnected because the power is off or the device is out of range, when the power is restored, the device will automatically search for a matching Bluetooth device. Rewind and fast forward are not fully compatible with mobile devices and third-party players.

Troubleshooting

Chart 1 Troubleshooting

Problem	Solution
Don't boost	Power is off , power on again
No sound	Check the volume and increase the volume if necessary. Check the power to make sure the device is turned on. Check the device and press the play / pause button to make sure the device is not paused.



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No Bluetooth found	Bluetooth is connected to the mobile device, search again after disconnecting.
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Specification

Frequency (for Bluetooth)	2.402 to 2.480 GHz
Receive Sensitivity(for Bluetooth)	- 91 dBm (π /4 DQPSK)
Power Output(for Bluetooth)	class 2 / +4dBm max.
Connection Distance(for Bluetooth) (free space and no interference)	>50m
Power Supply Requirements	DC 12 Volts, Negative Ground
Operating Voltage	9-16VDC
MAX OUTPUT POWER	350mV/2000mV
RATED POWER 1KHz(THD+N)	$\leq 0.1\%$
FULL READ POWER 1KHz +A(SIGNAL TO NOISE)	≥ 80 dB
RATED POWER 10K Ω 1KHz(CROSS-TALK)	≥ 60 dB

Specifications subject to change without notice.

The contents of this manual are subject to change without notice. The final interpretation right of this manual belongs to our company.