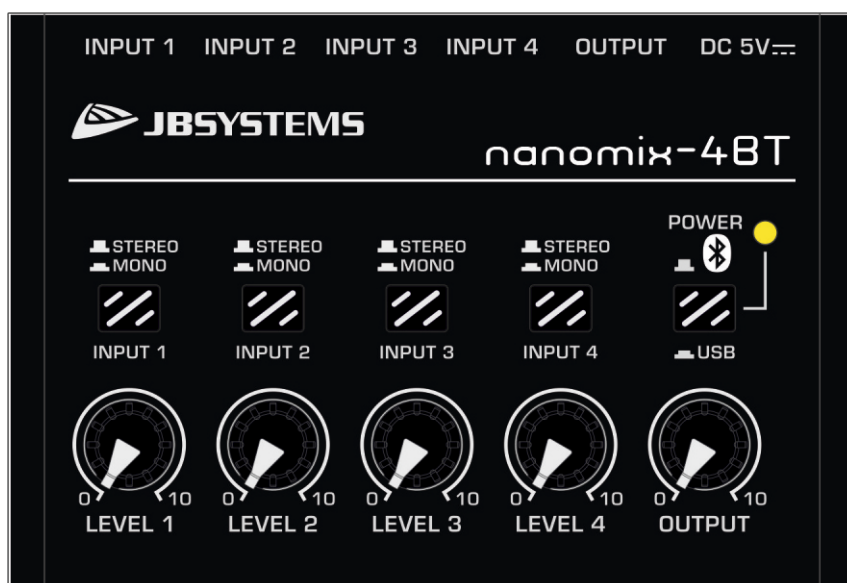


# NANOMIX-4BT

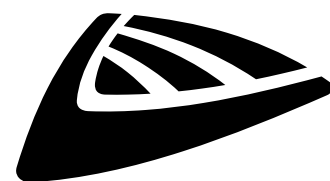


## ENGLISH Operation Manual

Other languages can be downloaded from:  
[WWW.JB-SYSTEMS.EU](http://WWW.JB-SYSTEMS.EU)



Version: 1.0



**JBSYSTEMS**



### **EN - DISPOSAL OF THE DEVICE**

Dispose of the unit and used batteries in an environment friendly manner according to your country regulations.

### **FR - DÉCLASSER L'APPAREIL**

Débarrassez-vous de l'appareil et des piles usagées de manière écologique Conformément aux dispositions légales de votre pays.

### **NL - VERWIJDEREN VAN HET APPARAAT**

Verwijder het toestel en de gebruikte batterijen op een milieuvriendelijke manier conform de in uw land geldende voorschriften.

### **DU - ENTSORGUNG DES GERÄTS**

Entsorgen Sie das Gerät und die Batterien auf umweltfreundliche Art und Weise gemäß den Vorschriften Ihres Landes.

### **ES - DESHACERSE DEL APARATO**

Reciclar el aparato y pilas usadas de forma ecologica conforme a las disposiciones legales de su país.

### **PT - COMO DESFAZER-SE DA UNIDADE**

Tente reciclar a unidade e as pilhas usadas respeitando o ambiente e em conformidade com as normas vigentes no seu país.

# OPERATION MANUAL

Thank you for buying this JB Systems® product. To take full advantage of all possibilities, please read these operating instructions very carefully.

## FEATURES

- Ultra-compact all-in-one unit: 4 channel line mixer / stereo audio interface / Bluetooth receiver.
- Each stereo jack input can be used as a stereo or as a mono input.
- Extra input switch to receive audio signals from a computer or from the build-in Bluetooth receiver
- 16Bit – 48kHz audio converter
- The unit can be used as a sound card to record the mix of the line inputs on a computer
- 5V USB-C input to power the unit via:
  - An external power adapter (cable + 230V adapter included)
  - A power bank
  - A Computer (USB port)

## BEFORE USE

- Before you start using this unit, please check if there's no transportation damage. Should there be any, do not use the device and consult your dealer first.
- **Important:** This device left our factory in perfect condition and well packaged. It is absolutely necessary for the user to strictly follow the safety instructions and warnings in this user manual. Any damage caused by mishandling is not subject to warranty. The dealer will not accept responsibility for any resulting defects or problems caused by disregarding this user manual.
- Keep this booklet in a safe place for future consultation. If you sell the fixture, be sure to add this user manual.
- To protect the environment, please try to recycle the packing material as much as possible.

### Check the contents:

Check if the packing contains the following items:

- User manual
- NANOMIX-4BT unit
- Power adapter + USBC cable

## SAFETY INSTRUCTIONS



The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying this appliance.



This symbol means: indoor use only



This symbol means: Read instructions

- This appliance is intended for use in moderate climates.
- To prevent fire or shock hazard, do not expose this appliance to rain or moisture.
- To avoid condensation to be formed inside, allow the unit to adapt to the surrounding temperatures when bringing it into a warm room after transport. Condense sometimes prevents the unit from working at full performance or may even cause damages.
- This unit is for indoor use only.
- Don't place metal objects or spill liquid inside the unit. No objects filled with liquids, such as vases, shall be placed on this appliance. Electric shock or malfunction may result. If a foreign object enters the unit, immediately disconnect the mains power.

- No naked flame sources, such as lighted candles, should be placed on the appliance.
- Don't cover the unit as this may result in overheating.
- Prevent use in dusty environments and clean the unit regularly.
- Keep the unit away from children.
- Maximum safe ambient temperature is 40°C. Don't use this unit at higher ambient temperatures.
- Minimum distances around the apparatus for sufficient ventilation is 5cm.
- Always unplug the unit when it is not used for a longer time or before you start servicing.
- Check that the available voltage is not higher than the one stated on the power supply.
- The socket inlet shall remain operable for disconnection from the mains.
- The power cord should always be in perfect condition. Switch the unit immediately off when the power cord is squashed or damaged.
- Never let the power-cord come into contact with other cables!
- In order to avoid a hazard, the unit shall only be used with the AC-adaptor delivered with it. If the AC-adaptor is damaged, a same model adaptor shall be used only.
- When the power switch is in OFF position, this unit is not completely disconnected from the mains!
- In order to prevent electric shock, do not open the cover.
- In the event of serious operating problems, stop using the appliance and contact your dealer immediately.
- Due to safety reasons it is prohibited to make unauthorized modifications to the unit.

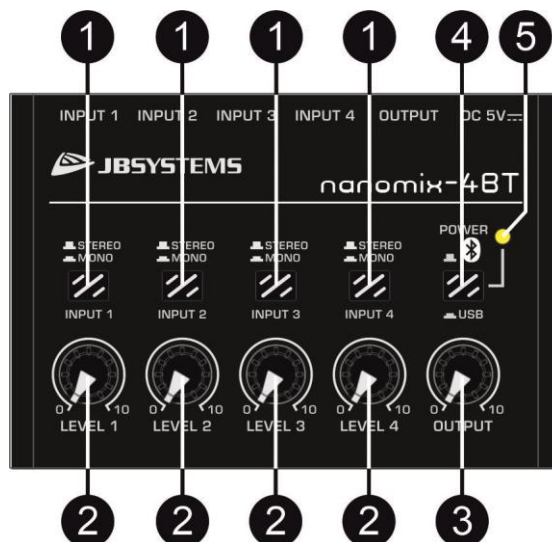
**INSTALLATION GUIDELINES:**

- Install the unit in a well-ventilated location where it will not be exposed to high temperatures or humidity.
- Placing and using the unit for long periods near heat-generating sources such as amplifiers, spotlights, etc. will affect its performance and may even damage the unit.
- When installed in a booth or flight case, please make sure to have good ventilation to improve heat evacuation of the unit.
- To avoid condensation to be formed inside, allow the unit to adapt to the surrounding temperatures when bringing it into a warm room after transport. Condense sometimes prevents the unit from working at full performance.

**CLEANING THE APPLIANCE:**

Clean by wiping with a polished cloth slightly dipped with water. Avoid getting water inside the unit. Do not use volatile liquids such as benzene or thinner which will damage the unit.



**FUNCTIONS**



1. **[INPUT] switch:** used to select a stereo line input or a mono line input for this channel:
  - **[STEREO]:** use this position when you want to send a stereo signal in the input (7) by using a stereo jack plug.
  - **[MONO]:** use this position when you want to send a mono signal in the input (7) by using a mono jack plug.

2. **[LEVEL] knob:** used to set the individual audio level for this input channel.
3. **[OUTPUT] knob:** used to set the general output level.

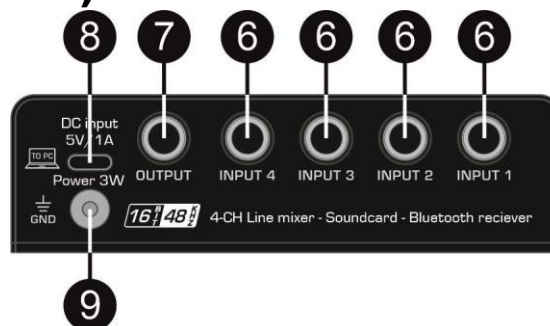
**WARNING:** for the safety of your equipment and your ears ! always set this level to zero (minimum output) when you connect, disconnect, switch on or off an external device to the unit or when you switch the Bluetooth receiver ON or OFF.



4. **[Bluetooth or USB] switch:** with this switch you can select an extra input source
  -  = sound coming from the internal Bluetooth receiver
  -  = sound coming from a computer that is connected to the USB-C input on the back of the unit

Remark: the individual level of these sources can be controlled directly in your mobile device or computer, so there is no separate level control for it in this unit. Of course, the sound level will be influenced by the general output level knob (3)

5. **[POWER] LED:** this LED will inform you about the status of the unit:
  - **LED OFF:** the unit is **not powered** and can not be used.
  - **LED Lit:** the unit is **powered** by an external adapter or computer and can be used.
  - **LED Blinking fast:** The Bluetooth receiver is switched on (4) and the unit is **searching** for a connection with a Bluetooth device (Smartphone, tablet, etc.)
  - **LED Blinking slowly:** The Bluetooth receiver is switched on (4) and the unit is **connected** with a Bluetooth device (Smartphone, tablet, etc.)

## CONNECTORS (rear)



6. **[LINE INPUT] connectors:** these inputs can receive stereo line inputs or mono line inputs:
  - **Stereo signal:** use a stereo jack to send the separate left and right audio signal from your stereo audio source to this input channel. Remember to put the input switch (1) in  STEREO mode
  - **Stereo signal:** use a mono jack to send the audio signal from your mono audio source to this input channel. Remember to put the input switch (1) in  MONO mode
7. **[LINE OUTPUT] connector:** use a stereo plug to send the stereo signal to, for example, your amplifier or active speakers. This output signal can of course also be sent to other devices. 😊
8. **[DC input] USB-C connector:** 5V DC input used to power up the unit:
  - Via the USB port of a computer.
  - By using the supplied 230V power adapter
  - By using a mobile 5V power bank
9. **GROUND CONNECTOR:** you can use this terminal when a ground connection is needed.

## SPECIFICATIONS

*This device carries the prescribed CE marking. It was tested for this purpose in a specialized CE lab and fully complies with all currently valid European and national standards.*

*The corresponding CE conformity declarations can be found on the product page of this product on our website.*

<b>Power input:</b>	DC 5V-1A USB-C connector
<b>Power consumption:</b>	2W
<b>Audio Sampling Rate:</b>	16 Bit – 48kHz for playback and recording
<b>Dimensions:</b>	113(W) x 40(H) x 73(D) mm

Every information is subject to change without prior notice

You can download the latest version of this user manual on our website: [www.jb-systems.eu](http://www.jb-systems.eu)



**JB SYSTEMS**

## **MAILING LIST**

**EN: Subscribe today to our mailing list for the latest product news!**

**FR: Inscrivez-vous à notre liste de distribution si vous souhaitez suivre l'actualité de nos produits!**

**NL: Abonneer je vandaag nog op onze mailinglijst en ontvang ons laatste product nieuws!**

**DE: Abonnieren Sie unseren Newsletter und erhalten Sie aktuelle Produktinformationen!**

**ES: Suscríbete hoy a nuestra lista de correo para recibir las últimas noticias!**

**PT: Inscreva-se hoje na nossa mailing list para estar a par das últimas notícias!**

**[WWW.JB-SYSTEMS.EU](http://WWW.JB-SYSTEMS.EU)**

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't Hofveld 2C ~ B1702 Groot-Bijgaarden ~ Belgium

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