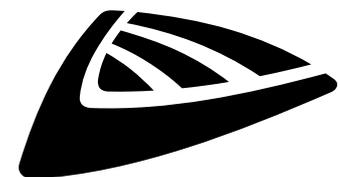


USB AUDIO INTERFACE



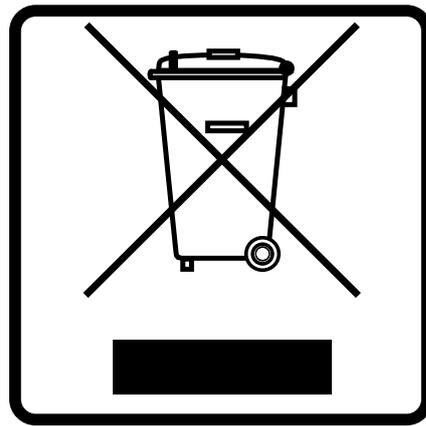
ENGLISH Operation Manual

Other languages can be downloaded from:
WWW.JB-SYSTEMS.EU



JBSYSTEMS

Version: 1.0



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

- High quality phono & line level preamplifier & USB interface.
- The perfect tool to digitalize analog sources like vinyl discs, audio tapes, instruments, etc.
- Built-in low noise RIAA phono preamp circuit.
- Powered via USB when connected to a computer
- Can be used as a standalone preamplifier to monitor analog sources. (external power adapter included)
- Works with any audio-editing software, including Audacity (free download available)

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
- USB AUDIO INTERFACE unit
- Power adapter

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.

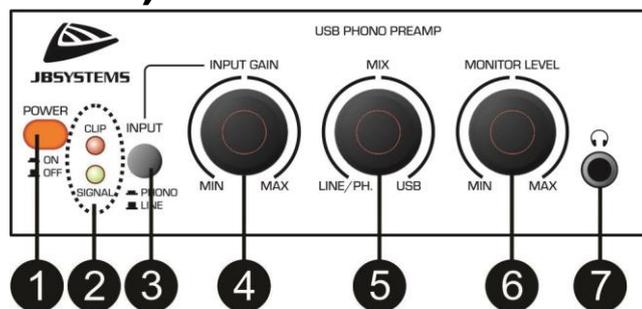
INSTALLATION GUIDELINES:

- 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 (FRONT)

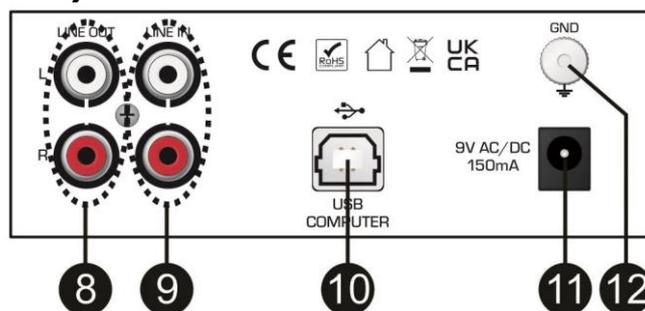


1. **[POWER] switch:** Switches the unit on and off. Make sure you switch the unit off when not in use.
2. **Signal input indicators:** select the input you want to monitor by using the [MIX] knob (5).
Turn it to the left to check the analog [LINE IN] signal. (the level can be modified with the [INPUT GAIN] knob (4)
Turn it to the right to check the [USB] signal coming from the computer. This level can be modified in the computer
 - **[SIGNAL]:** shows if an input signal is detected
 - **[CLIP]:** When the line input is too high (input overload) this indicator turns red. In this case use the [INPUT GAIN] knob (4) to lower the input signal level
3. **[INPUT] switch:** used to adapt the [LINE IN] audio input (9) to the audio source that is connected:
 - **[LINE] position:** you can connect any line level audio source to record it on your computer or to monitor is when you use the unit only as a pre-amp.
 - **[PHONO] position:** use this position if you connect a turntable that has no LINE output (internal RIAA amplifier is activated) If possible, please also use the ground connection.
4. **[INPUT GAIN]:** line signals coming from different equipment can differ a lot. Most CD-players have 2V output while the output from a tuner or cassette deck is often not more than 350mV. You can use this

knob to optimize the sensitivity of the incoming line/phono signal, refer to the indicators (2) for the optimal setting. To be able to see the input level of the [LINE IN] input, you have to select this input by turning the [MIX] knob (5) totally to the left

5. **[MIX] button:** this button can be used to mix the incoming signals that will be sent to the monitor outputs (= the headphones output (7) and the LINE OUT (8) output).
 - When you turn the knob 100% to the left, only the analog sound source of [LINE IN] (9) can be heard.
 - When you turn the knob 100% to the right, only the sound of your computer that is connected to the USB input (10) can be heard.
 - When you turn the knob to the center position, both input sources (8) & (10) can be heard
6. **[MONITOR LEVEL]:** controls the general output level of the headphones output (7) and the [LINE OUT] output (8)
7. **Headphones output:** you can connect your headphones here.
IMPORTANT: always turn the [MONITOR LEVEL] button (6) down before plugging in any headphones.

FUNCTIONS (rear)



8. **[LINE OUT] connectors:** used to connect active speakers or an amplifier. The output level can be set with the [MONITOR LEVEL] button (6) on the front of the unit.
9. **[LINE IN] connectors:** used to connect an analog audio device (CD player, phono, etc.)
10. **USB connector:** used to connect your unit to a computer. This connector is bi-directional. You can send sound to your computer for recording purposes and/or send music from your computer through the unit to the [LINE OUT] (8) and headphones output (7).
Note: when the unit is connected to a computer, the unit will be powered automatically via this USB cable. You don't have to use the external power adapter.
11. **Power input:** The supplied power adapter should only be used when the unit is NOT connected to a computer. (when the unit is connected to a computer, the unit will be powered automatically via the USB cable). The Power adapter should only be used when the unit is only used as a pre-amp for an analog device when no computer is connected.
12. **GROUND CONNECTION:** use this screw only to connect the eventual earth wire from a turntable. This will eliminate eventual humming noises.

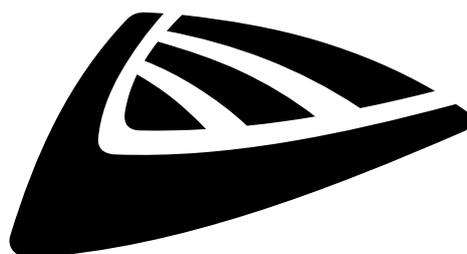
SPECIFICATIONS

This unit is radio-interference suppressed. This appliance meets the requirements of the current European and national guidelines. Conformity has been established and the relevant statements and documents have been deposited by the manufacturer.

Power Supply:	9V AC @ 150mA or USB bus powered
Frequency response:	10Hz-20.000Hz (+/-5dB)
THD:	<0.01% @ 1kHz
Hum & Noise:	>89dB below clipping
Maximum Input Level:	40mVrms @ 1KHz (phono), +19dBu (line)
A/D & D/A:	16 bit, 44.1KHz or 48KHz
Dimensions:	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



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

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