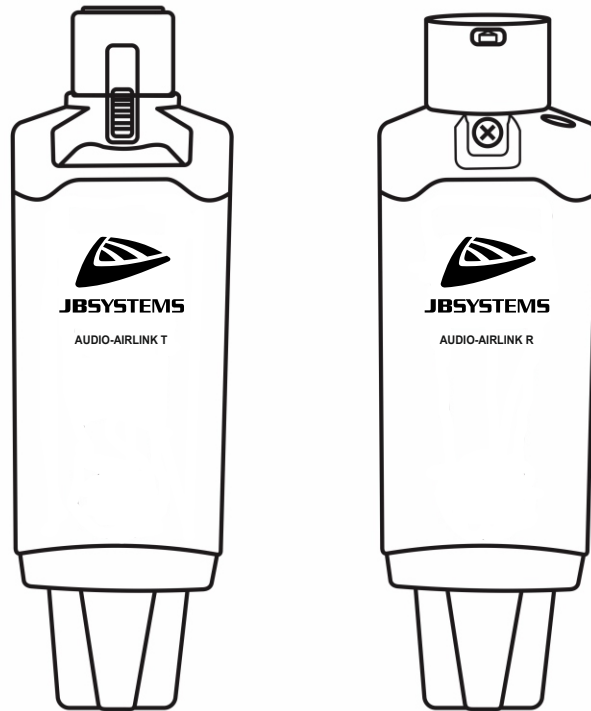
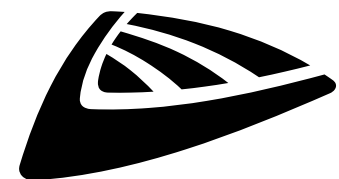


AUDIO-AIRLINK TR



ENGLISH Operation Manual

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



Version: 3.0

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.

USER MANUAL

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

FEATURES

- This wireless “swiss knife” offers a perfect solution for different situations:
 - Transforms almost any wired microphone into a wireless microphone.
 - Sends audio wireless from your mixer to active speakers.
- Easy plug & play thanks to ID MATCH technology between transmitter and receiver.
- The set contains 1 transmitter and 1 receiver
- One transmitter can be used with several receivers. (receivers only available in a complete set)
- The built in rechargeable batteries can be charged via the USB-C port (5V)
- 3p XLR connectors on transmitter and receiver. Adapters to 6.3mm Jack included.
- Working distance +/-35m (depending on ambient conditions)
- Up to 8 hours autonomy (with 100% charged batteries)

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 device, be sure to add this user manual.
- To protect the environment, please try to recycle the packaging material as much as possible.

Check the contents:

Check that the carton contains the following items:

- User manual
- 1x AUDIO-AIRLINK TR (transmitter and receiver)
- 2x XLR-Jack adapter
- Cable USB-A to 2x USB-C

SAFETY INSTRUCTIONS:



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: To reduce the risk of electric shock, do not remove the top cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.



The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the user to the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



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.



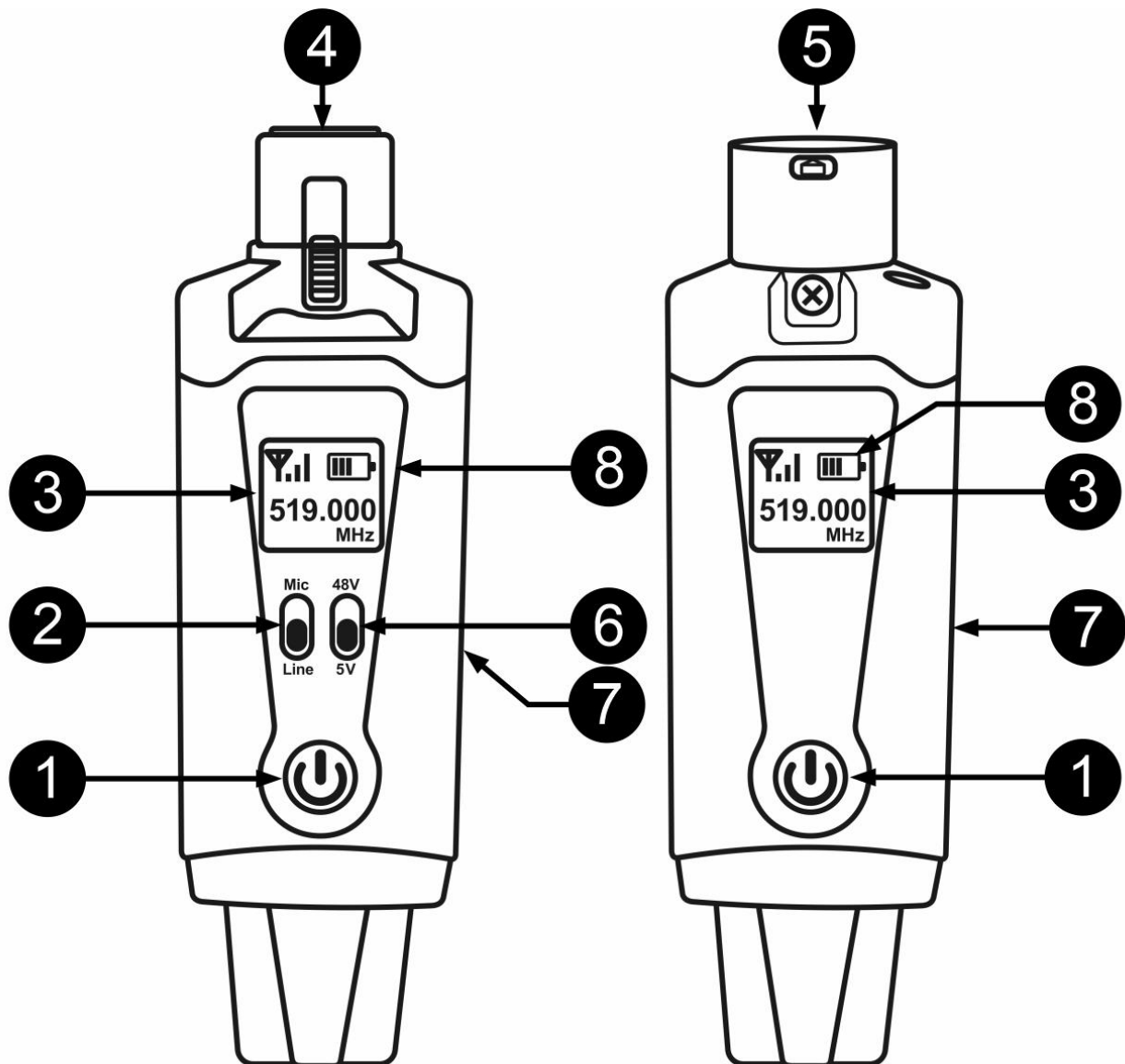
This symbol means: indoor use only



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 forming inside, allow the unit to adapt to the surrounding temperatures when bringing it into a warm room after transport. Condensation sometimes prevents the unit from working at full performance or may even cause damage.
- 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 any ventilation openings as this may result in overheating.
- Prevent use in dusty environments and clean the unit regularly.
- Keep the unit away from children.
- Inexperienced persons should not operate this device.
- Maximum 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.
- The electrical installation should be carried out by qualified personal only, according to the regulations for electrical and mechanical safety in your country.
- Check that the available voltage is not higher than the one stated on the rear panel of the unit.
- 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. It must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- 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!
- This CLASS I appliance must be connected to MAINS socket outlet with a protective earth connection in order comply with safety regulations.
- In order to prevent electric shock, do not open the cover. Apart from the mains fuse there are no user serviceable parts inside.
- **Never** repair a fuse or bypass the fuse holder. **Always** replace a damaged fuse with a fuse of the same type and electrical specifications!
- In the event of serious operating problems, stop using the appliance and contact your dealer immediately.
- Please use the original packing when the device is to be transported.
- Due to safety reasons it is prohibited to make unauthorized modifications to the unit.
- This appliance or its remote control contains batteries:
- Attention should be drawn to the environmental aspects of battery disposal: check the regulations in your country for proper recycling.
- **CAUTION:** Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type. The battery shall never be exposed to excessive heat such as sunshine, fire, ...

DESCRIPTION



1. **ON/OFF SWITCH:** used to switch on and off the transmitter and receiver.
2. **MIC/LINE SELECTOR SWITCH:** used to select the signal level to transmit.
3. **DISPLAY:** shows the indicates the status of the receiver.
4. **Female 3p XLR connector:** used to insert the audio signal (mic/line)
5. **Male 3p XLR connector:** used to connect the receiver to a mixer.
6. **5V/48V SELECTOR SWITCH :** used to add 48V phantom power at the output for use with condenser microphones
7. **USB C connector:** used to charge the internal battery.
8. **Battery level indicator:** starts blinking when the level is at 10% (battery needs to be charged!)

SETUP AND CONNECTIONS

! Some important notes before we start !

- The maximum working distance between receiver and transmitter(s) is +/- 35 meters. (depending on the ambient conditions)
- To minimize interferences, install the receiver away from big metal surfaces/objects, TV and other wireless appliances as much as possible.
- Try to minimize the number of obstructions (thick concrete walls, big metal objects, ...) in the path between the transmitter and receiver.

Except for microphones, headphone and zone outputs, all connections are cinch. Use good quality cinch-cinch cables to prevent bad audio quality. For more information on connections, please refer to the next chapter. Be sure to turn off the appliance before you make changes to the different connections.

In this manual we talk about "line inputs". This is a global name for inputs with a level between 750mV and 2V. This includes tuners, videos, CD-players, etc.

RECEIVER – AUDIO CONNECTIONS

First determine which audio inputs are available on your mixer.

- **To a MIC-input of the audio mixer or active speaker:** close the gain of the input. Switch on the receiver and the transmitter and bring the input gain slowly up.
- **To a LINE-input of the audio mixer, hifi stereo set or active speaker:** close the gain of the input. Switch on the receiver and the transmitter and bring the input gain slowly up.

NOTE: *this is a mono system. You will need 2 sets for sending stereo audio.*

SYSTEM SETUP

- Switch on the transmitter by pressing the ON/OFF switch (1) for about 1-2 seconds. The display (3) will lit.
- Switch on the receiver by pressing the ON/OFF switch (1) for about 1-2 seconds. The display (3) will lit. The frequency number will be blinking if the transmitter is not switched on. If the transmitter is switched on, the frequency number on the display of the receiver will stay lit.
- The transmitter and receiver will pair automatically when they will be switched on and the system will be ready for use.
- Slide the Mic/Line selector switch (2) in the according position (Mic for use on a microphone or guitar – Line for sending Line level audio)
- Slide the 5V/48V selector switch (6) to 48V when using condenser microphones. 48V phantom power will come on the female 3p XLR connector of the transmitter.
- Changing the frequency manually : press the ON/OFF switch (1) from the transmitter shortly 2 times. The frequency will change and blink once. The paired receiver will also change to the same frequency.
- **Using 2 sets simultaneously:**
 - Turn on the receiver of the first set by pressing the ON/OFF switch for 1-2 seconds.
 - Turn on the transmitter of the first set by pressing the ON/OFF switch (1) and keep it pressed for about 10 seconds until "ID SYNC" appears on the display. The transmitter and receiver will now synchronize and stay synchronized.
 - Turn off the transmitter and receiver from the first set.
 - Perform the above steps for the second set also but choose a different frequency on the transmitter.
 - Turn on both sets (transmitter and receiver). Ready!
- **Using 1 transmitter with up to 4 receivers:**
 - Turn on the receivers by pressing the ON/OFF switch for 1-2 seconds.
 - Turn on the transmitter by pressing the ON/OFF switch (1) and keep it pressed for about 10 seconds until "ID SYNC" appears on the display. The transmitter and the receivers will now synchronize and stay synchronized.

Selectable frequencies :

514,8MHz	520,8MHz	526,8MHz	532,8MHz
516,3MHz	522,3MHz	528,3MHz	534,3MHz
517,8MHz	523,8MHz	529,8MHz	535,8MHz
519,3MHz	525,3MHz	531,3MHz	537,8MHz

TROUBLESHOOTING

Problem	Solution
No sound	<ul style="list-style-type: none"> • Check if the transmitter and receiver are switched on. • Check the condition of the batteries. • Check if the hi-fi appliance or audio mixer is switched on and the receiver output is connected to the desired audio input. Mixer: is the gain open? • Check if the transmitter is too far away from the receiver. • Check if the receiver is located near a large metal object or if there are large obstructions (ex. large metal object or thick wall) between transmitter and receiver.
Distortion	<ul style="list-style-type: none"> • Check if the volume level on your mixer is set too high or too low. • Check if the interference comes from other wireless microphones, TV, radio, PC, etc.

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.

SPECIFICATIONS

JB Systems® hereby declares that the equipment described in this manual complies with RED Directive 2014/53/EU. The full text of the EU Declaration of Conformity, as well as the latest version of the manual and technical specifications, are available at the following internet address (under Manual and downloads):

<https://jb-systems.eu/audio-airlink-tr>

NEDERLANDS

Hierbij verklaart JB Systems® dat de apparatuur beschreven in deze handleiding voldoet aan de RED richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring, alsook de laatste versie van de handleiding en technische specificaties zijn beschikbaar op het volgende internetadres (onder Handleiding en downloads):

<https://jb-systems.eu/nl/audio-airlink-tr>

FRANCAIS

JB Systems® déclare par la présente que l'équipement décrit dans ce manuel est conforme à la directive RED 2014/53/UE. Le texte complet de la déclaration de conformité UE, ainsi que la dernière version du manuel et les spécifications techniques sont disponibles à l'adresse Internet suivante (sous Manuel et téléchargements) :

<https://jb-systems.eu/fr/audio-airlink-tr>

DEUTSCH

Hiermit erklärt JB Systems®, dass die in dieser Anleitung beschriebene Ausrüstung der RED Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung sowie die neuesten Versionen der Anleitung und der technischen Spezifikationen sind unter folgender Internetadresse verfügbar (unter Anleitung und Downloads): <https://jb-systems.eu/de/audio-airlink-tr>

TRANSMITTER/RECEIVER

Carrier Frequency Range:	514,8-537,8MHz
Channel interval:	0,5-2,5MHz
RF transmission power:	<10dBm (<10mW)
Modulation Mode:	DQPSK
Working distance:	+/-35m (depending on ambient conditions)
AF Response:	40Hz to 20kHz
Frequency stability:	+/-3PPM
Adjustable channels:	16 adjustable frequencies
Battery:	1 x 3,7V/1000mAh lithium battery
Autonomy:	6-8 hours with 100% charged battery

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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