



Wireless Headphones

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Product Description

The radio headphones system consists of a sender, a compact headset with an integrated amplifying system and a plug-in power supply unit.

The sender transforms the audio signal into a radio signal and emits it by means of an antenna. The antenna integrated in the receiver receives this radio signal, transforms it back into an audio signal and the integrated amplifier makes the signal audible in the headphones. With the supplied adapters the system can be connected to 3.5 mm or 6.3mm stereo headphones jack socket of various signal sources.

The sender and the headset have separate on/off buttons.

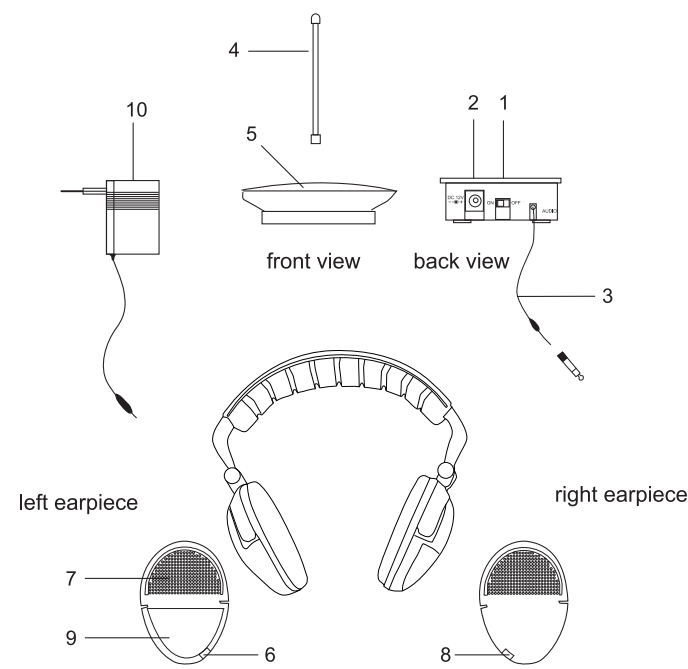
With the volume control button on the headset the volume can be adjusted easily without touching the signal source. A fine tuning of the receiver frequency on the headset allows an optimal matching to the sender frequency.

Units supplied

- Sender
- Headset
- Plug-in power supply unit
- Adapter 3.3 mm jack plug>6.3 mm jacks socket

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Connecting and operating elements



1. Sender-on/off button

With this button you can turn the sender on or off. In the "ON" position the sender is in operation, in the "OFF" position it is switched off. Even if the sender is switched off. The power supply unit will consume a small amount of electricity. To disconnect the system completely from the power supply, please pull the plug.

2. Outlet of the power supply unit

Connect the low-voltage plug of the power supply unit into a power outlet.

3. Audio connecting cable for the signal source

The sender receives the audio signals from the signal source through this cable. Connect the connecting cable into the headphones output or into the cinch output of your signal source, e.g. TV set, hi-fi set, etc.

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4. Antenna

The antenna emits the radio signals to the headphones.

5. Battery display

If the sender is in operation, this LED will light up.

6. Headset on/off button

With this button you can turn the headset on or off.

7. Power LED (inside the earpiece)

8. Volume Control

With this control you can adjust the playback volume.

Turn clockwise to increase the volume-turn counter-clockwise to reduce the volume.

9. Battery compartment

Place the batteries for the headset in here.

10. Plug-in power supply unit

The plug-in power supply unit supplies the power for the sender.

Placing/changing of batteries

- Press on the middle part of the cover of the battery compartment (9) to open the lock of the cover.
- Open the cover of the battery chamber by sliding the cover downwards.
- Place two new mignon batteries (1.5 V DC) into the battery compartment, observing the correct pole direction. You can see the correct pole direction from the illustration in the battery compartment.
- Replace the cover of the battery chamber.

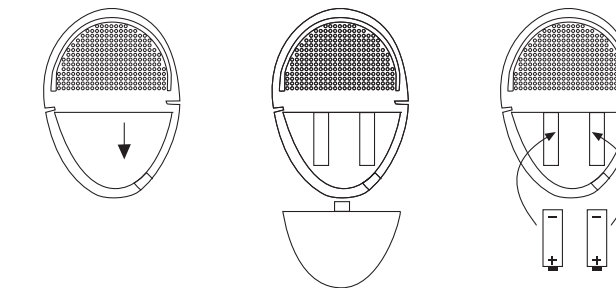
TIP:

Use alkaline mignon batteries for a longer service life. Alternatively you can also use rechargeable storage batteries; however, due to the lower capacity the time of operation will be much shorter. Only use leak-proof batteries.

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Changing the Batteries:

Changing the batteries becomes necessary when the quality deteriorates (noise distortion, limited range etc.) Change both batteries (DO NOT MIX NEW AND USED BATTERIES) at the same time



Do not leave batteries unattended. They might be swallowed by children or pets. If batteries have been swallowed see a doctor immediately!

Leaking or damaged batteries may cause cauterizations if they touch the skin, therefore use protective gloves.

Make sure that the batteries are not short-circuited.

Never try to recharge non-rechargeable batteries. Do not throw batteries into the fire: danger of explosion!

Placement of the sender

When choosing the location for installing the sender please take into consideration the system range, the features of the room like (i.e. - the nearest wall outlet) and the location of the signal source unit (amplifier, TV set, etc.) and the distance to the heating system as the system must not be placed next to a heater.

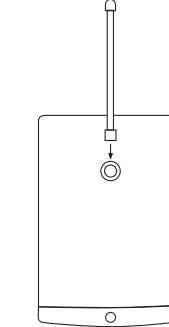
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Make sure that the sender or the headset is not shielded by metal objects such as steel-reinforced concrete walls, metal-coated mirrors, metal furniture etc. There should not be any system with strong electrical fields near the sender or headset like such as cordless telephones, radios, electric motors etc. The radio transmission could be disturbed or the range reduced considerably.

Place the sender on a safe, horizontal base. Make sure to avoid direct sunlight, vibrations, dust, heat, cold and humidity.

Installing the Sender Antenna

- Screw the supplied antenna into the opening on the upper surface of the sender.

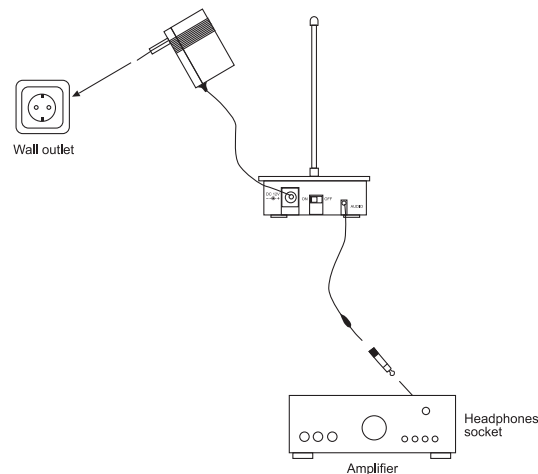


Connecting the Sender

In order to avoid distortion or maladjustments that would damage the system, only connect audio plugs to units with a headphones jack to the audio socket of the sender. Please observe the connecting specifications in the technical data.

- Make sure that the power supply unit of the sender is not plugged in a wall outlet and that the on/off button (1) of the sender is "OFF".
- Switch off your signal source (i.e. - the hi-fi amplifier).
- Connect the audio connecting cable (3) of the sender to the socket of your signal source. Use the correct adapter if necessary (not supplied).
- Put the connecting plug of the power supply unit into the socket (2) of the sender.
- Plug the power supply unit into a 120V/60Hz wall outlet of the local mains. The sender is now ready for operation.

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Before Starting:

- Make sure all the connections are correct.
- Make sure all the sender and the headset are switched off.
- Turn the volume control (8) on the headset to minimum.
- Turn the volume on the signal source (i.e. - on the hi-fi amplifier) to a bare minimum.
- Switch on the signal source.
- Switch on the sender with the on/off button (1).The operation LED (5) lights up.
- Switch on the headset with the on/off button (6).
- Turn the volume control button of the signal source to a normal position.
- Turn the volume control button (8) to an agreeable volume.
- To switch off the radio transmitter system.
 - First turn the volume on the headset to minimum.
 - turn off the headset with the on/off button (6).
 - turn off the sender with the on/off button (1).
 - turn the volume of the signal source to minimum.
 - Switch off the signal source.
- If you do not keep this order, the headset might be damaged.

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- The headset can be adjusted to the operator's head form by sliding the earpiece on the headband. Make sure that the volume control is in minimum position before each use should the volume control be in maximum position when you switch on the system your hearing may be severely harmed or the system may be damaged.

If you do not use the system for a longer period of time, pull the power supply unit from the wall outlet and take out the batteries from the headset.

Note: The sender has an automatic stand-by operation. If no signal (music) is sent to the sender for about 1 minute, the sender will switch to stand-by. The operation LED (5) goes out. The sender switches back to send mode when it receives a new signal. When the sender is in stand-by mode, there might be a noise in the headphones.

Maintenance:

The system is maintenance-free. Therefore never open it if the system is opened, the warranty is voided.

Check the technical safety of the system and the connected units regularly for damaged cables or housing. If it becomes probable that a risk-free operation is no longer possible, take the system out of operation and secure it against unwilling operation in the following cases a risk-free operation becomes improbable:

- the system or the plug-in power supply unit is visibly damaged
- the system does not work any more
- after a long storage under poor conditions
- after heavy transport stress

The system should be cleaned on the outside with a soft dry cloth or brush. Never use aggressive cleaning agents or solvents which could damage the housing and impair the function.

Before cleaning the system observe the following safety instructions:

When opening covers or disassembling parts, live parts may be exposed.

Before any maintenance or repair every connected unit must be separated from the power supply

Repairs may only be executed by specialists who are aware of the risks and of the relevant regulations.

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Disposal:

Always dispose of used systems according to the current legal regulations.

Trouble-shooting

Observe the safety instructions!

No sound:

- Signal source is not switched on.
- No power supply to sender or headset. The operation LED (5) is out. The power supply unit is not plugged in correctly. The batteries are empty.
- The volume control on the signal source is in minimum position or the volume is too low.
- The volume control on the headset (9) is in minimum position.

Playback on only one channel:

- The balance control on the signal source is not set correctly.
- The plug of the audio connecting cable (3) is not completely plugged into the jack on the signal source.

Playback only in mono:

- The receiver frequency in the headphones is not well adjusted to the sender. Readjust with the fine tune control.

Playback noise

- The range of the sender has been exceeded.
- The receiver frequency in the headphones is not well adjusted to the sender. Readjust with the fine tune control.
- There is a metal barrier between the sender and the receiver (i.e. a steel-reinforced concrete wall).
- Disturbance by other radio emitters (cordless telephone, computer, microwave oven etc.). Find another position for the system-or the disturbing unit respectively.

Distortion

- Volume on the headset is set too high. Reduce volume.
- Volume on the signal source is too high; there is an overdrive at the input of the sender. Reduce volume.

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Technical data

Operating voltage..... plug-in power supply unit 110V/60Hz;
 Sender 12V DC from power supply unit; headphones 3V DC (2x mignon batteries)
 Power consumption power supply unit... approx.30W
 Current consumption..... headphones approx.30mA (at medium volume)
 Frequency response..... 50Hz to 18.000Hz
 Sender frequency.....49Hz
 Range..... approx 15m(largely depending on surrounding conditions)
 Audio input.....for cinch level and headphones output level
 Automatic stand-by operation of the sender after approx.1 min without audio signal.

iConcepts Limited Lifetime Warranty

This warranty covers for the original consumer purchaser only and is not transferable. Products that fail to function properly UNDER NORMAL USAGE, due to defects in material or workmanship. Your product will be repaired at no charge for parts or labor for a period of two years.

What Is Not Covered by Warranty?

Damages or malfunctions not resulting from defects in material or workmanship and damages or malfunctions from other than normal use, including but not limited to, repair by unauthorized parties, tampering, modification or accident.

What To Do When Service Required

When returning your defective product (postage pre-paid) for service, your package should

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include:

1. Copy of the original bill of sale.
2. A detailed written description of the problem.
3. Your return address and telephone number. (Daytime)
4. A check or money order for USD \$5.95 payable to iConcepts to cover shipping, handling and insurance. (Other fees may apply for shipments outside the US, please email, write or call for exact shipping charges.)

MAIL TO ADDRESS BELOW:

iConcepts / Sakar International
 Attention: Service Department
 195 Carter Drive
 Edison, NJ 08817
 Tel: 732-248-1306

TECHNICAL SUPPORT

For questions regarding customer service issues such as updates drivers, missing parts, where and how to obtain warranty service and general questions please email us at support@sakar.com. If you are experiencing problems installing your product and require immediate assistance, please call our technical support hotline at (877) 397-8200 (toll free) or 732-476-5098.

PLEASE NOTE: This technical support line is provided by PC Crisis Line. PC crisis line can offer you support for almost any other hardware and software problem you may encounter with your computer not related to the product you have purchased. PC Crisis Line is available 24 hours per day, 7 days per week. PLEASE CALL THEIR TOLL FREE NUMBER AT 800-828-4358 FOR NON ! PRODUCTS TECHNICAL SUPPORT.

PC Crisis Line charges USD \$3 per minute for time spent on your problem. This will charge to your credit card. You are only charged for questions that they answer. They don't charge you if they can't answer their question, or for time collecting your name, address and credit card information. For calls of more than minutes; rates are reduced to \$1 a minute.

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Federal Communications Commission (FCC) Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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 installed and used in accordance with instructions contained in this manual, may cause harmful interference to radio and television communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures; RE-ORIENT OR RELOCATE THE RECEIVING ANTENNA INCREASE THE SEPARATION BETWEEN THE EQUIPMENT AND THE RECEIVER.

- CONNECT THE EQUIPMENT INTO AN OUTLET ON A CIRCUIT DIFFERENT FROM THAT OF THE RECEIVER.
- CONSULT THE DEALER OR AN EXPERIENCED AUDIO / TELE-VISION TECHNICIAN.

NOTE: Connecting this device to peripheral devices that do not comply with Class B requirements, or using an unshielded peripheral data cable, could also result in harmful interference to radio or television reception.

The user is cautioned that any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

To ensure that use of this product does not contribute to interference. It is necessary to use shielded I/O cables.

Canadian Department of Communication Notice

The Canadian department Of Communications (DOC) label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements. The Department does not guarantee the equipment will operate to the user's satisfaction.

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