

AM 50

ACTIVE STUDIO MONITOR



USER MANUAL

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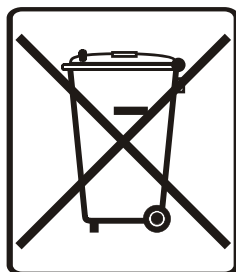
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Version: 1.0

JBSYSTEMS
THE POWER SOURCE FOR DJ'S



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 pais.

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

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.

- Active studio monitor set equipped with 2x35Wrms amplifier
- Stylish black design: fits in any modern interior
- Solid wooden enclosure with black satin finish
- Perfect for recording studio, home DJ booth, PC-speaker, I-Pod®, ...
- Shielded magnet design (can be used next to a TV/PC Monitor)
- Crystal clear sound with powerful bass response!
- Flat frequency response from 65 to 20.000Hz
- Uses ¾" dome tweeter + 5" Kevlar woofer
- Can be connected to any line-level audio output

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 that the carton contains the following items:

- User manual
- AM-50 active
- AM-50 passive
- 2m speaker cable
- Mains cable

SAFETY INSTRUCTIONS:



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 or 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.

- 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 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 safe ambient temperature is 40°C. Don't use this unit at higher ambient temperatures.
- 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!
- When the power switch is in OFF position, this unit is not completely disconnected from the mains!
- This appliance must be earthed to 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.

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.
- 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:

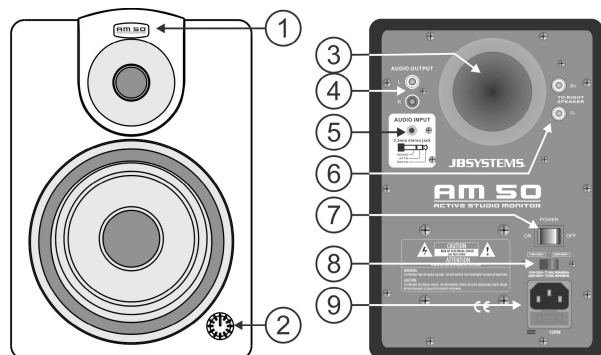
Clean by wiping with a polished cloth slightly dipped with water. Avoid getting water inside the unit. Do not use volatile liquids such as benzene or thinner which will damage the unit.

CONNECTIONS

Use good quality audio cables to prevent bad audio quality. For more information on connections, please refer to the next chapter. 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.

FUNCTIONS

The AM-50 active monitor set is composed of an active (stereo amplifier inside) and a passive cabinet. Below only the different parts of the active cabinet are described.



1. **POWER indicator:** This logo is lit when the unit is switched on.
2. **INPUT GAIN:** Used to set the output volume of the speakers
3. **BASS REFLEX OPENING:** used to increase the bass response, **never** put objects in this opening!
4. **AUDIO OUTPUT:** line level output (RCA connector), used to connect extra audio equipment.
5. **AUDIO INPUT:** line level input (3,5mm² stereo JACK connector). Optional RCA to 3,5mm² stereo JACK cables are available from JB Systems® (order code = MJC-1M5)
6. **SPEAKER OUTPUT:** use the included speaker cable to connect the passive cabinet to the amplifier inside the active cabinet. Make sure that the wiring on both cabinets is identical, otherwise the music will lack low frequencies:
 - COPPER colored wire of the speaker cable on both sides connected to the RED connection terminal.
 - SILVER colored wire of the speaker cable on both sides connected to the BLACK connection terminal.
7. **POWER switch:** Used to switch the amplifiers on/off
8. **VOLTAGE selector:** used to select the desired mains voltage. For Europe you should use 220V~240V.
9. **MAINS input:** IEC mains socket with integrated fuse holder, connect the supplied mains cable here.

SPECIFICATIONS

Power Supply:	AC 230 V, 50Hz
Fuse:	20mm glass fuse 250V 800mA slow
Frequency response:	65-20.000Hz (+/-5dB)
Line input:	750mV @ 10kΩ
Impedance passive cabinet:	4Ω
Crossover freq.	2500Hz @ 12dB/oct
Woofers:	D= 5" (13cm) Kevlar cone
Tweeter:	D= 3/4" (2cm) soft dome type
Dimensions:	180(W) x 258(H) x 209(D) mm
Weight:	6,3kg

Every information is subject to change without prior notice

You can download the latest version of this user manual on our website: www.beglec.com