



STUDIO MONITORING
Cub-100
User Manual

STUDIO MONITORING Cub-100 Headphones

■ Preface

Dear Customer,
Thank you for purchasing STUDIO MONITORING Cub-100 Headphones. To better understand and use the product, please read this manual thoroughly. If you have any questions or suggestions, please contact our local sales outlet.

■ Features

- New Ø40mm NeFeB driver produces outstanding sensitivity, response and dynamics.
- Advanced composite diaphragm delivers distinct bass, full midrange, and airy highs.
- Closed-back cups provide excellent noise isolation for undisturbed listening.
- Compact coiled cable flexes freely without tangling hassles.
- Skin-friendly earpads and headband ensure fatigue-free wearing for extended time.
- Ergonomic, adjustable design fits comfortably on various head size or shape.
- Includes Ø6.35mm adapter for compatibility with a wide range of audio devices.

■ Applications

Live stream monitoring, recording monitoring.

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■ Package Contents

- 1 × Headphones
- 1 × Ø6.35mm Adapter
- 1 × User Manual

■ Specifications

- Transducer Type: Dynamic
- Driver Diameter: Ø40mm
- Frequency Response: 20Hz-20kHz
- Sensitivity: 102±3dB at 1kHz
- Impedance: 32Ω
- Peak Power: 50mW
- Rated Power: 30mW
- Cable: Ø3.5mm*3m
- Connector: Ø3.5mm/Ø6.35mm TRS, Gold-Plated
- Product Weight: Approx. 300g

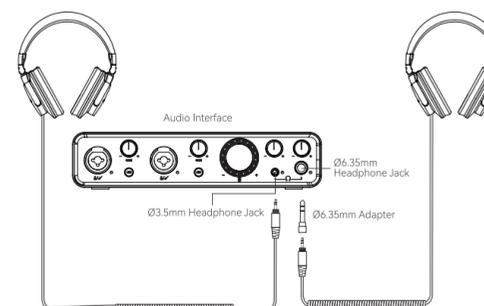
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■ Operating Instructions

Connection Diagram:

Insert the headphone plug into the Ø3.5mm headphone jack of the audio interface or other device for monitoring. If the audio interface has a Ø6.35mm headphone jack, use the included Ø6.35mm adapter to connect.



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■ Correct Operation

For safe and comfortable operation, please read carefully and abide by the following items:

1. To avoid hearing loss, set the volume of the player to minimum before connecting the headphones. After putting the headphones on, increase the volume to a proper level. Noise is measured in decibels (dB). Any outside noise of 85 decibels or more will cause gradual hearing loss.
2. Please pay attention to your operation habits! Volume and duration are proportional to hearing loss. The higher the volume, the shorter the time you should listen; the more comfortable the volume is, the longer you can listen. Listening at high volume for long will cause damage to your hearing.

This decibel (dB) level chart compares some common noise sources and their potential danger to your hearing:

Sound Source	Noise Level	Consequence on Hearing
Whisper	30dB	Very quiet
Quiet office	50-60dB	Comfortable hearing level is below 60dB
Vacuum cleaner/ hair dryer	70dB	Somewhat invasive and may interfere with phone calls
Food processor	85-90dB	85dB (continuously 8 hours) will begin to hurt hearing
Garbage cleaning machine/ cement mixer	100dB	Exposure to sound of 90-100dB is suggested to be within 15 minutes if without protection
Electric saw/ electric drill	110dB	Frequent exposure to over 100dB for more than 1 minute can impair hearing
Rock concert (subjective)	110-140dB	Painful hearing starts at about 120dB

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■ Maintenance

1. Please keep it in a dry and clean environment. During operation, prevent damage from water ingress, drop or collision.
2. Operating the headphones in high temperature or high humidity for long can lead to device damage or shortened service life.
3. Keep the headphones away from strong magnet to avoid demagnetizing and decreased sensitivity and performance.
4. Do not use strong chemical or detergent for cleaning.
5. Do not scratch the product surface with sharp objects.
6. Store in a clean, dry area if not used for a long period. Keep and use away from areas of high temperature and humidity.

■ Cautions

⚠ DANGER

To ensure your personal safety, do not wear or place the headphones too close to the pacemaker (less than 10cm).	⊘ Prohibited
Do not insert the cable plug into live power socket.	⊘ Prohibited
For your safety and the safety of other traffic participants, do not use the headphones while driving a vehicle, riding a bicycle or walking on the road.	👤 Follow
Keep away from fire to avoid explosion.	⊘ Prohibited

⚠ WARNING

Not a toy. Children should not use without adult supervision.	👤 Follow
Abide by relative safety rules during operation. Do not use it if prohibited by laws and regulations to avoid accident.	👤 Follow

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■ Safety Instructions

To avoid electric shock, overheat, fire, radiation, explosion, mechanical risk and injury or property loss due to improper use, please read and observe the following items before use:

1. Please check if the power of the connected equipment matches with that of this product before operation. Adjust the volume to proper level during operation. Do not operate at over-power or high-volume level for extended time to avoid product malfunction.
2. If there is any abnormality during use (e.g., smoke, strange odor), please kill the power switch and unplug from power source, then send the product to the local after-sales service for repair.
3. Keep this product and its accessories in a dry and ventilated area. Do not store in a humid or dusty area for extended time. Keep away from fire, rain, liquid intrusion, bumping, throwing, vibrating, or from blocking any ventilation openings, to prevent malfunction.
4. The product must, when installed on walls or ceilings, be fixed firmly in place at adequate strength to prevent from falling.
5. Please abide by safety rules during operation. Do not use the product in places prohibited by laws or regulations to avoid accident.
6. Do not disassemble or repair the product by yourself to avoid injury. If you have any questions or require any services, please contact our local after-sales service.

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■ Label Meanings

CE This device is compliant with the limits of the European Council Directive on the approximation of the laws of the member states relating to electromagnetic compatibility according to RL2004/108/EG and European Low Voltage Directive RL2006/95/EG.

FCC Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the 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 the instructions, may cause harmful interference to radio 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the complying party may cause the user to lose permission to operate the device. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation.

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This symbol indicates that this product should not be disposed of with your household waste, according to the WEEE directive (2012/19/EU) and your national law. This product should be handed over to an authorized collection site for recycling waste electrical and electronic equipment (WEEE). Improper handling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with WEEE. At the same time, your cooperation in the correct disposal of this product will contribute to the effective usage of natural resources. For more information about where you can drop off your waste equipment for recycling, please contact your local city office, waste authority, or your household waste disposal service.

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