

TAKSTAR®



PRO 82 | Professional Reference Monitor Headphones

User Manual

PRO 82 Professional Reference Monitor Headphones

■ Preface

Dear Customer,

Thanks for purchasing our product. Read this manual thoroughly for proper use.

If you have any questions or suggestions, please contact our local sales service.

■ Features

- All-new Ø40mm NdFeB drivers feature high sensitivity, wide frequency response and excellent dynamics.
- Composite diaphragm ensures distinct frequency layers, with pure lows, transparent mids and refined highs.
- Soft and comfortable headband and ear pads offer a pressure-free fit and reduce fatigue during extended use.
- Ergonomic design fits various head shapes.
- 3-level bass adjustment adapts to different music styles for optimal listening experience.

■ Applications

Suitable for recording monitoring, music appreciation and other occasions.

■ Package Contents

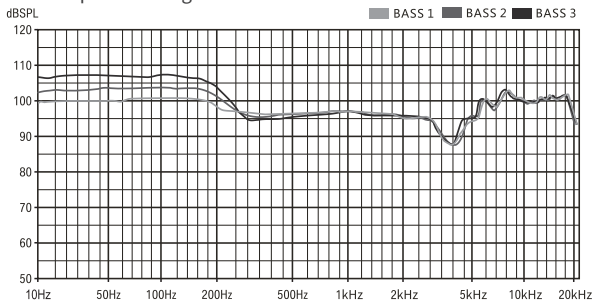
- | | |
|-------------------------------|---------------------------|
| 1 × PRO 82 Monitor Headphones | 1 × 2.2m Connection Cable |
| 1 × 3.5mm to 6.3mm Adapter | 1 × Aluminum Case |
| 1 × Portable Cloth Bag | 1 × User Manual |

PRO 82 Professional Reference Monitor Headphones

■ Specifications

- Transducer Type: Dynamic
- Driver Diameter: Ø40mm
- Impedance: $32\Omega \pm 15\%$
- Frequency Response: 10Hz–20kHz
- Sensitivity: $96 \pm 3\text{dB}$ at 1kHz
- Peak Power: 20mW
- Rated Power: 10mW
- Cable: Ø4mm × 2.2m
- Weight: $235 \pm 20\text{g}$ (without cable)

Note: The above data are measured by Takstar laboratory which has the final interpretation right!



Frequency Response Curve

■ Function Descriptions

Bass Adjustment Function

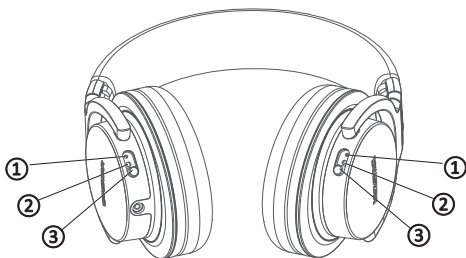
- ① BASS1: low frequency (20–200Hz) standard sound pressure

PRO 82 Professional Reference Monitor Headphones

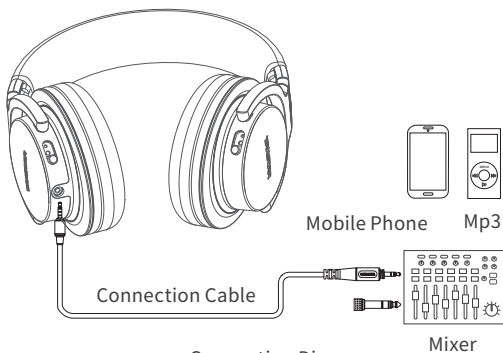
② BASS2: low frequency (20–200Hz) 3dB boost

③ BASS3: low frequency (20–200Hz) 6dB boost

Caution: Set the switches on both sides of the headphones to the same level during listening to ensure consistent sound output from both sides.



■ Operating Instructions



PRO 82 Professional Reference Monitor Headphones

■ 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

■ Maintenance

1. Store in a dry, clean environment. Avoid liquid ingress, dropping or impact during use to prevent damage.
 2. Do not use the headphones for extended periods in hot, humid environments, as this may cause damage or shorten service life.
 3. Keep away from strong magnets to avoid permanent magnet demagnetization, which reduces sensitivity and impairs sound quality.
 4. Do not clean the headphones with harsh chemicals or detergents.
 5. Do not scratch the product surface with sharp objects to avoid casing damage and appearance deterioration.
 6. For long-term storage, keep the headphones in a dry, clean place.
- Do not store or use in excessively high-temperature or humid environments.

■ 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

PRO 82 Professional Reference Monitor Headphones

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

■ Safety Instructions

To avoid electric shock, overheating, 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 unauthorized to avoid injury. If you have any questions or require any services, please contact our local after-sales service.

■ Label Meanings

 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.

 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.

■ About This Manual

This manual contains up-to-date technical specifications as of printing. However, specifications contained herein may not conform to your particular product since Takstar is constantly improving its products. Also, specifications, devices or accessories available may vary from region to region. If you have any questions, please contact our local sales outlet. For the latest version/more information, please visit our website: <https://www.takstar.com>

Copyright ©2026 TAKSTAR. TAKSTAR, 得胜 and their respective logos are registered trademarks or trademarks of Takstar company in the PRC, and/or other countries. All other trademarks are the property of their respective owners.



Scan for more
product information

Designed & Manufactured by:

Guangdong Takstar Electronic Co., Ltd.
Address: No.2 Fu Kang Yi Rd., Longxi Boluo
Huizhou, Guangdong 516121 China

Tel: 86 752 6383644 Fax: 86 752 6383952

Email: sales@takstar.com

Website: www.takstar.com