

MODEL NUMBER: HP-53K

USER MANUAL

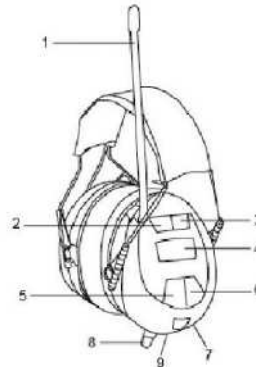
REVISION NO. V.3.0

REVISION DATE: JUNE 3, 2019

HEARING PROTECTOR AM/FM RADIO HEADPHONE WITH AUX-IN JACK

Locations of Controls

- (1) Antenna
- (2) Scan Button (DOWN)
- (3) Scan Button (UP)
- (4) LCD
- (5) Menu Button
- (6) AM/FM Selector
- (7) Auxiliary Jack
- (8) Volume ON/OFF Knob
- (9) Battery Cover



Battery Installation

- Open the battery cover. Insert new batteries into the battery chamber in correct polarity. Close the battery cover.
- When the sound becomes weak and low battery symbol appears on the Display with beep sound, replace both batteries with new ones.
- With a new set of alkaline batteries, radio can play for around 48 hours in middle volume.

For the U.S.A. users, 9 kHz is recommended.

- To select 9 or 10 kHz, the procedure is as shown below:
 - Insert the battery
 - During time setting mode, press for the 'Band' button for around 3 seconds,
 - 9 or 10 kHz will be shown on the display (Note: Please ensure that the volume is in OFF position)
 - Press Scan Up or Down to select 9 or 10 kHz
 - After selection, turn on the headset to activate the Radio.

Radio Operation

- Turn on the radio by turning the Power ON/OFF Knob (which combines with Volume Control) in clockwise direction and adjust the sound to your desired level.
- Manual search: Press ▲ or ▼ (scan) buttons step by step until it reaches your desired station.
- scan: Press ▲ or ▼ (scan) buttons for 2 seconds, then release the button when auto scan starts. Auto scan will stop automatically when clear reception is received.
- Preset Station - 8 preset stations in AM band and FM band. Total is 16 preset stations. Hold Menu button, release the button when M and the preset station number are flashing. Press ▲ or ▼ to save the station to your desired position. Press Menu button to confirm your setting.
- Listen to the preset status by pressing the Menu button to select preset stations M[1] to M[8].

Aux-in Jack

- To connect with other audio devices, plug a 3.5 mm Cable into the Aux-in Jack. Start playing the music from the audio device.

Adjusting the Fit

- (1) Put on the earmuffs with the controls panel over your right ear.
- (2) With the headband over the crown of your head, position the muffs to completely enclose your ears. The muffs only provide hearing protection when worn with the headband over the crown of your head.
- (3) Slide the muffs carefully up or down to adjust for a firm, comfortable fit.
- (4) Ensure the cushions seal tightly against your head with no interference from foreign objects between the ear cup and your head (such as pencils or glasses temple arms). Spread the ear cups only enough to clear the ears. Do not return or reshape the headband.

Note

- For best performance, the earmuffs are fitted, adjusted and kept maintenance in accordance to manufacturer's instruction.

- It is important to wear the earmuffs at all times in noisy surroundings to avoid the risk of hearing damage.
- Inspect the earmuffs regularly for serviceability.
- If the recommendations given above are not adhered, the protection by the earmuffs will be securely impaired.

Remarks

- The earmuffs provides audio signal sound pressure level limitation and limits the entertainment audio signal to 82 dB(A).
- Radio reception quality may be slightly distorted depending on surroundings.
- To prevent damage to the headset and radio function, do not subject it to rough handling.
- These earmuffs are provided with an entertainment audio facility and electrical audio input. The wearer should check correct operation before usage. If distortion or failure is detected, the wearer should refer to the manufacturer's advice.
- The audibility of warning signals at specific workplaces may be impaired while using the entertainment facility.

Warning

- The output of the electrical audio circuit of this hearing protector may exceed the daily limited sound level.

Storage

- Do not store the hearing protector at temperatures exceeding +55°C, for example on a dashboard or windowsill. Do not store the hearing protector at temperature below -20°C. Under extremely cold conditions, warm the hearing protector before using.

Cleaning

- Certain chemical substances may adversely affect this product. Simply wipe it with a soft cloth moistened with a mild soap or water. Do not dip it into the water.

Safety

- Loud music can cause hearing damage.
- Avoid working in a noisy environment over extended periods of time.
- Wear the hearing protection when working at a noisy workplace.
- Acoustical warning, indication signals and environmental noises can sound different when wearing hearing protection.
- The perception of warning signals in certain workplaces may be affected when using a sound reproducing system.

Precautions and Warnings

- The radio reception may be distorted under movement.
- Interference and fault may happen when turning on the TV, fluorescent light or other electrical appliances.
- When the volume begins to fade, recharge or replace the lithium battery. To replace the tailor-made lithium battery, please order it from the manufacturer.
- Certain chemical substances may adversely affect this product. Simply wipe it with a soft cloth moistened with a mild soap or water. Do not dip it into water.
- Remove the Battery from the unit to prevent battery leakage when you are not going to use it for a long time.
- Failure to follow these instructions or misuse of the headset can result in damage and/or loss.
- If the recommendation given under "Adjusting the Fit" is not adhered, the protection given by the earmuffs will be severely impaired.
- Headband and cushions are non-replaceable so do not tear it off, as it will damage the headset.

Troubleshooting

Defect	Possible Cause	Solution
No display	Batteries are incorrectly inserted	Take out the batteries and insert them into the compartment in correct polarity.
	Batteries running down.	Replace with new batteries.
No Sound	The volume is in off position.	Switch on the volume by turning in clockwise direction.
	Audio device is not started.	Start playing the external audio device
	Plug in cable not properly inserted into	Check the plug is completely inserted

	the jack.	into the jack.
Background noise	The radio frequency is not properly tuned.	Adjust the frequency by pressing the scan button up/down.
	The reception is weak.	Replace with new batteries.

NOTES ON THE EU DECLARATION OF CONFORMITY

This product has been tested in accordance with harmonized European standards and fulfills the safety requirement of:

Regulation EU 2016/425
EN 352-1: 2002 (DIN EN 352-1: 2003),
EN 352-8: 2008 (DIN EN 352-8: 2008)



For further information, send an email to
info@specialthing.com.hk

Technical Data

Dimensions (L x W x H) mm	146 (L) x 121 (W) x 195 (H) mm
Weight (exclude accessories)	Approx. 386 g without batteries
Operating temperature	Between +50 °C to 0 °C
Power Supply	2 x 1.5V Alkaline Battery
Frequency Range Radio	FM 87.5 – 108 MHz; AM 540 – 1700 kHz
Frequency Response	20 Hz – 20 kHz
Impedance	32 Ohm ±10%
Material in Ear Muff Cups	ABS
Material in Ear Cushion	Sponge
Material in Headband Cushion	PU & Foam
Material in Headband Frame	Metal
Operating temperature	Between +50 °C to 0 °C
Size Range of the Headband	S, M and L
Max Sound Level FM Radio Receiver	74 dB(A)
Max Sound Audio Input	-14.2 dBm for max output level 76.5 dB(A)

Attenuation Table

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mf (dB)	18.1	15.5	20.6	26.3	33.9	30.3	35.3	34.1
Sf (dB)	4.8	4.0	2.6	3.0	3.4	3.5	3.4	6.1
APV (dB)	13.3	11.5	18.0	23.3	30.5	26.8	31.9	28.0

SNR = 28 dB

H-value = 29 dB

M-value = 26 dB

L-value = 19 dB

Notes

- Certain chemical substances may adversely affect this product. Further information should be sought from the manufacturer, importer or distributor;
- When hygiene covers are put on to the cushions, it may affect the acoustic performance of the earmuffs;
- Do not tear the cushion off from the headset, as the cushion is non-replaceable;
- Earmuffs, and in particular the cushions, may deteriorate with use and should be examined frequently for cracks and leakage;
- The product is protected by bubble wrap and then put into a printed gift box. After use, put it back into to the gift box for storage.

Guarantee

- Product guarantee for one year as from date of purchase.
- If the product fails, please contact your supplier.
- Remember that many outlets will require that you have a valid proof of purchase.
- Any defect that arises due to faulty materials or workmanship will either be replaced, refunded or repaired free of charge where possible during this period by the dealer from whom you purchased the unit.
- The guarantee does not cover accidental damage, misuse, cabinet parts, knobs or consumable items.
- The guarantee will be rendered invalid if the product is re-sold or has been damaged by inexperienced repair.
- Specifications are subject to change without notice.
- This product can use 3-5 years unless the headband/ear cushions or the headset is damaged.
- The PPE does not provide proper protection if the ear muff defect, or not correctly placed over the ear.

Marking: Trade Mark
 HP-53K
 EN 352
 CE1974

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Monitoring Body: NB1974, PZT GmbH, Bismarckstraße 264 B, D - 26389 Wilhelmshaven, Deutschland - Germany

Hereby, Specialthing International Co, Ltd declares that the earmuffs are in compliance with the Regulation (EU) 2016/425. Please see attachment for the full text of the EU Declaration of Conformity.