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TelPal 520

TelPal Wireless Noise Cancelling Headphones Model 520 User Manual

Model: 520
Brand: TelPal

1. Introduction

Thank you for choosing the TelPal Wireless Noise Cancelling Headphones Model 520. This headset is designed for clear communication and comfortable use in various environments, including busy offices, call centers, and for gaming. It features advanced noise reduction technology and versatile connectivity options. This manual provides detailed instructions for setup, operation, maintenance, and troubleshooting to ensure optimal performance.

2. Product Overview

Key Features

- **Professional Noise Cancelling Microphone:** Equipped with a single-direction noise-proof microphone that effectively removes background noise beyond a 1-meter range, ensuring clear voice transmission.
- **Comfortable Design:** Lightweight structure with soft protein ear pads and an adjustable headband for extended wear comfort.
- **Adjustable Microphone Boom:** Microphone arm and boom arm are easily adjustable for optimal voice pickup.
- **Versatile Connectivity:** Bluetooth version CSR8615-V4.0 CLASS 2, compatible with PC and mobile devices (Bluetooth phones 1.1 to 4.1).
- **Seamless Function Switching:** Allows switching between music playback and call answering functions.
- **Long Battery Life:** Up to 12 hours of talk or music time and 250 hours of standby time on a single charge.
- **Quick Charging:** Fully recharges in approximately 2 hours via Micro USB.
- **Hands-Free Operation:** Supports hands-free talk over cell phones and network communication platforms like Skype, MSN, and Messenger.
- **Integrated Controls:** Features a multi-functional key and volume control buttons.

Product Components and Controls



A detailed diagram illustrating the functional components of the TelPal Headset, including the noise-cancelling microphone, adjustable headband, rotatable headset arm, and soft earphone cover.



Close-up of the TelPal Headset earcup, showing the multi-functional key, volume up/down buttons, Micro USB charging port, and LED indicator.

Product Visuals



A front view of the TelPal Wireless Noise Cancelling Headset, highlighting its over-ear design and adjustable microphone.



Side view of the TelPal Wireless Headset, emphasizing its lightweight design and the 330-degree rotatable microphone boom for flexible positioning.



An angled view of the TelPal Wireless Headset, showcasing its overall design and microphone placement.

Product Video

▶ **Watch video online**
TelPal Wireless Noise Cancelling Headphones

Official product video demonstrating the key features and benefits of the TelPal Wireless Noise Cancelling Headphones, including noise cancellation, comfort, and connectivity.

3. Setup

3.1 Charging the Headset

1. Connect the Micro USB charging cable to the charging port on the headset.
2. Connect the other end of the cable to a 5VDC, 100-240VAC adapter or a USB port on your computer.
3. The LED indicator will illuminate during charging.
4. A full charge takes approximately 2 hours. The LED indicator will change or turn off once charging is complete.

3.2 Bluetooth Pairing

1. Ensure the headset is sufficiently charged.
2. Press and hold the On/Off button on the TelPal Wireless Headset for 2 seconds until the LED indicator flashes, indicating it is in pairing mode.
3. On your device (PC or mobile), enable Bluetooth and search for available devices.
4. Select "BH520" from the list of found devices to connect.
5. Once connected, the LED indicator will show a steady light or flash slowly, depending on the headset's status.

4. Operating Instructions

4.1 Power On/Off

- **Power On:** Press and hold the On/Off button until the LED indicator lights up.
- **Power Off:** Press and hold the On/Off button until the LED indicator turns off.

4.2 Call Handling

- **Answer Call:** Press the Multi-functional Key once when a call comes in.
- **End Call:** Press the Multi-functional Key once during a call.
- **Reject Call:** Press and hold the Multi-functional Key for 2 seconds when a call comes in.
- **Redial Last Number:** Double-press the Multi-functional Key when not on a call.

4.3 Music Playback

- **Play/Pause:** Press the Multi-functional Key once during music playback.
- **Next Track:** Press and hold the Volume Up button.
- **Previous Track:** Press and hold the Volume Down button.

4.4 Volume Control

- **Increase Volume:** Press the Volume Up button.
- **Decrease Volume:** Press the Volume Down button.

4.5 Switching Between Music and Calls

When listening to music, you can receive or dial out calls from Bluetooth phones with the headset. After you hang up the phone, the music will automatically resume playing.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the headset. Do not use abrasive cleaners or solvents.
- **Storage:** Store the headset in a cool, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the headset regularly, even if not in use for extended periods.
- **Avoid Water:** The headset is not water-resistant. Avoid exposure to water or moisture.

6. Troubleshooting

6.1 Headset Does Not Power On

- Ensure the headset is fully charged. Connect it to a power source and allow it to charge for at least 30 minutes before attempting to power on again.

6.2 Cannot Pair with Device

- Make sure the headset is in pairing mode (LED flashing).
- Ensure Bluetooth is enabled on your device and it is within 10 meters of the headset.
- Turn off and on the Bluetooth function on your device, then try searching again.
- If previously paired, try deleting "BH520" from your device's Bluetooth list and re-pairing.

6.3 No Sound or Poor Sound Quality

- Check the volume levels on both the headset and your connected device.
- Ensure the headset is properly connected to your device via Bluetooth.
- Move closer to your device to ensure you are within the 10-meter transmission range and there are no significant obstructions.
- Restart both the headset and your device.

6.4 Microphone Not Working

- Ensure the microphone boom is properly positioned near your mouth.
- Check microphone settings on your connected device to ensure the headset is selected as the input device.
- Verify that the microphone is not muted on the headset or your device.

7. Specifications

Feature	Specification
Model Name	520
Bluetooth Version	CSR8615-V4.0 CLASS 2
Bluetooth Name	BH520
Frequency Range	2.4GHz-2.48GHz
Transmission Distance	10 meters
Charging Time	2 hours
Working Time (Talk/Music)	12 hours
Standby Time	250 hours
Battery Specification	Rechargeable lithium battery (3.7V/180mA)
Charging Port	Micro USB
Speaker Unit	External diameter 28mm
Microphone	One-direction noise-proof
Microphone Impedance	2.2KΩ

Microphone Sensitivity	40±3dB
Noise-Signal Ratio (S/N)	≥ 30dB
Distortion Factor (THD)	≤ 1%
Sound Track	Single track
Compatible Devices	PC and Mobile
Product Dimensions	3.94 x 1.97 x 1.18 inches
Item Weight	5.4 ounces

8. Warranty and Support

For warranty information and customer support, please refer to the documentation included with your purchase or contact TelPal customer service directly. Keep your proof of purchase for any warranty claims.

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