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Khptop A20-2X

Khptop A20-2X Motorcycle Bluetooth Headset User Manual

Model: A20-2X



INTRODUCTION

The Khptop A20-2X is a motorcycle Bluetooth headset designed for communication and entertainment while riding. It features long-distance intercom, music sharing, high-fidelity speakers, and IP67 waterproofing. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and user safety.

WHAT'S IN THE BOX

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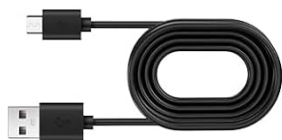
A20^{2X} hosts*1



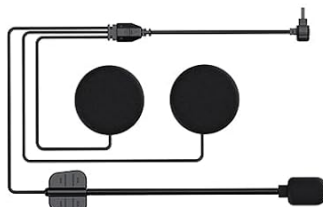
Back Clip Base*1



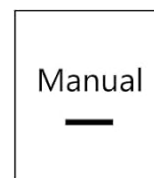
Velcro Installer*1



Charging cable*1



Speaker's mark*1



Manual*1

Image: The Khptop A20-2X headset and its included accessories, laid out for clear viewing.

- A20-2X Intercom Host (x1)
- Back Clip Base (x1)
- Charging Cable (x1)
- Speaker's Mark (x1)
- Velcro Installer (x1)

PRODUCT OVERVIEW

Key Function Chart



Image: A detailed diagram illustrating the various buttons, indicators, and ports on the Khptop A20-2X headset, including the On/Off button, Intercom button, Music sharing key, Answer/Hang Up/Play/Pause button, Voice assistant button, Charging port, Speaker/Marker connector, and the wave wheel for volume/track control. It also shows the battery, wireless, intercom, music sharing, and charging indicator lights.

Familiarize yourself with the main components and controls of your A20-2X headset:

- **On/Off Button:** Used for powering the device on and off.
- **Intercom Button:** Initiates and ends intercom communication.
- **Music Sharing Key:** Activates music sharing with another headset.
- **Answer/Hang Up/Play/Pause Button:** Manages calls and music playback.
- **Voice Assistant Button:** Activates your smartphone's voice assistant.
- **Wave Wheel:** Rotates clockwise for next track/volume up, counter-clockwise for previous track/volume down.
- **Charging Port:** For connecting the charging cable.
- **Speaker/Marker Connector:** Connects the speaker and microphone unit.
- **Indicator Lights:** Provide visual feedback for battery status, wireless connection, intercom, music sharing, and charging.

Installation Steps



Image: A four-step visual guide demonstrating how to install the Khptop A20-2X headset onto a motorcycle helmet using the back clip base. Step 1 shows the headset and clip separated. Step 2 shows the clip attached to the headset. Step 3 shows the clip being inserted into the helmet's edge. Step 4 shows the headset securely mounted on the side of a helmet.

Installation Steps:

1. **Attach Back Clip Base:** Secure the back clip base to the main A20-2X intercom host.
2. **Position on Helmet:** Identify a suitable location on the side of your helmet, typically near the jawline, where the headset will not obstruct vision or movement.
3. **Secure with Clip/Velcro:** Insert the back clip base firmly onto the edge of the helmet. For additional security or if the clip is not suitable for your helmet type, use the provided Velcro pads to attach the headset. Ensure it is tightly secured to prevent movement during riding.
4. **Install Speakers and Microphone:** Place the ultra-thin speakers inside the helmet's ear pockets. Position the microphone in front of your mouth, ensuring it is close enough for clear voice capture but not obstructing your breathing or vision. Connect the speaker/microphone unit to the headset's dedicated port.

Initial Charging:

Before first use, fully charge the headset. Connect the charging cable to the charging port on the A20-2X and to a USB power source. The charging indicator light will show red during charging and turn off when fully charged. A full charge typically takes approximately 2 hours.

OPERATING INSTRUCTIONS

Power On/Off:

- **Power On:** Long press the On/Off button for approximately 3-5 seconds until the indicator light illuminates.
- **Power Off:** Long press the On/Off button for approximately 3-5 seconds until the indicator light turns off.

Bluetooth Pairing with Mobile Device:

1. Ensure the headset is powered off.
2. Long press the On/Off button until the indicator light flashes blue and red alternately, indicating pairing mode.
3. On your mobile phone, enable Bluetooth and search for available devices.
4. Select "KHPTOP A20-2X" from the list of devices.
5. Once connected, the indicator light will flash blue periodically.

Intercom Communication:

The A20-2X supports intercom communication for up to 2 riders over a distance of up to 1000 meters.

1. Ensure both headsets are powered on and within range.
2. On one headset, short press the Intercom button to initiate a connection.
3. The headsets will attempt to connect. Once connected, the intercom indicator light will turn green.
4. To end intercom, short press the Intercom button again.

Music Sharing:

Music sharing: Two people can sing the same song at the same time

Mixing function: Intercom and listening to music can be performed simultaneously



Image: Two motorcycle riders, one on a quad bike and one on a dirt bike, wearing helmets with Khptop A20-2X headsets. Musical notes and Bluetooth symbols float between them, illustrating the music sharing feature.

The A20-2X allows you to share music with another paired headset.

1. Ensure your headset is paired with your mobile device and playing music.
2. Ensure the second headset is also powered on and within range.
3. Short press the Music Sharing Key on your headset. The music sharing indicator light will turn yellow.
4. The music will now be streamed to the second headset.
5. To stop music sharing, short press the Music Sharing Key again.

Volume Control and Track Navigation:

IP67 structural waterproofing, deep waterproofing

You can ride with confidence on rainy and snowy days



Image: A close-up of the Khptop A20-2X headset's wave wheel control. Arrows indicate that rotating it clockwise advances to the next song/increases volume, and rotating it counter-clockwise goes to the previous song/decreases volume. A hand in a glove is shown interacting with the wheel.

- **Volume Up:** Rotate the wave wheel clockwise.
- **Volume Down:** Rotate the wave wheel counter-clockwise.
- **Next Track:** Rotate the wave wheel clockwise and hold briefly.
- **Previous Track:** Rotate the wave wheel counter-clockwise and hold briefly.

Voice Assistant:

To activate your smartphone's voice assistant (e.g., Google Assistant, Siri), short press the Voice Assistant button.

Answering/Ending Calls:

- **Answer Call:** When an incoming call rings, short press the Answer/Hang Up/Play/Pause button.
- **End Call:** During a call, short press the Answer/Hang Up/Play/Pause button.
- **Reject Call:** During an incoming call, long press the Answer/Hang Up/Play/Pause button.

MAINTENANCE

- **Cleaning:** Wipe the headset with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Storage:** Store the headset in a cool, dry place when not in use. Avoid extreme temperatures.
- **Water Resistance:** The A20-2X is IP67 waterproof, meaning it is protected against dust and can withstand immersion in water up to 1 meter for 30 minutes. However, avoid prolonged submersion or high-pressure water jets. Ensure the charging port cover is securely closed when exposed to water.
- **Battery Care:** To prolong battery life, avoid fully discharging the battery frequently. Charge the device regularly, even if not in constant use.

TROUBLESHOOTING

Device will not power on:

Ensure the battery is charged. Connect the headset to a charger for at least 30 minutes before attempting to power on again. Confirm you are long-pressing the On/Off button for the required duration (3-5 seconds).

Cannot pair with phone:

Ensure the headset is in pairing mode (alternating blue and red indicator light). Make sure Bluetooth is enabled on your phone and it is discoverable. Try restarting both the headset and your phone.

Intercom not connecting:

Ensure both headsets are powered on and within the 1000-meter range. Confirm both are not currently connected to other devices or in other modes. Try initiating the intercom connection again.

Poor audio quality or noise:

Check microphone placement to ensure it is close to your mouth. Verify speakers are correctly positioned in your helmet. Ensure the DSP/CVC noise reduction is active. Move away from sources of strong electromagnetic interference.

Buttons are not intuitive:

Refer to the 'Product Overview' section and the 'Key Function Chart' image for a visual guide to button functions. Practice using the controls while stationary to become familiar with their operation.

SPECIFICATIONS

Model Name	A20-2X
Brand	Khptop
Connectivity Technology	Wireless (Bluetooth)
Wireless Communication Technology	Bluetooth 5.3
Noise Control	Hybrid Noise Cancellation (DSP/CVC)
Water Resistance Level	IP67 Waterproof
Battery Capacity	1000mAh
Charging Time	Approx. 2 Hours
Intercom Range	Up to 1000 meters (2 riders)
Speaker Type	Hi-Fi Ultra-Thin Speakers (0.3 inches)
Control Method	Voice, Physical Buttons, Wave Wheel
Compatible Devices	Motorcycle Helmet Bluetooth Headsets (Cross-Brand Compatible), Mobile Phones
Material	Plastic/Synthetic (ABS+Silicone)
Item Weight	0.2 Kilograms (approx. 7 ounces)

SAFETY INFORMATION

- Always prioritize road safety. Do not operate the headset in a way that distracts you from riding.

- Adjust volume to a level that allows you to hear ambient traffic sounds.
- Ensure the headset is securely mounted to your helmet before riding.
- Do not attempt to disassemble or modify the headset, as this may void the warranty and pose safety risks.
- Keep the device away from open flames and extreme heat.

WARRANTY AND SUPPORT

Khptop provides dedicated customer service to respond to inquiries. If you encounter any issues or have questions regarding your A20-2X headset, please contact Khptop customer support. Refer to your purchase documentation for specific warranty terms and contact information.

