

BTQILEYOO Y20MAX

Y20MAX Motorcycle Helmet Bluetooth Headset User Manual

Brand: BTQILEYOO | Model: Y20MAX

INTRODUCTION

The BTQILEYOO Y20MAX Motorcycle Helmet Bluetooth Headset is designed to enhance your riding experience with advanced audio and communication features. This headset offers seamless connectivity, high-fidelity sound, and robust durability, ensuring safe and enjoyable journeys.

Key features include Bluetooth 5.3 for stable connections, smart noise reduction for clear audio, Hi-Fi sound quality, IPX6 waterproofing, and a vibrant RGB lighting effect. It supports simultaneous connection to two mobile phones and dual 300m intercom for communication with another rider.

PRODUCT OVERVIEW AND COMPONENTS



Image: The Y20MAX Motorcycle Helmet Bluetooth Headset, featuring a sleek black design with vibrant RGB lighting along its edges and

prominent control buttons.

What's in the Box:

- Y20MAX Motorcycle Helmet Bluetooth Headset Unit
- USB Type-C Charging Cable
- Speaker and Microphone Assembly
- Mounting Clip/Base
- User Manual (this document)

Controls and Interfaces:

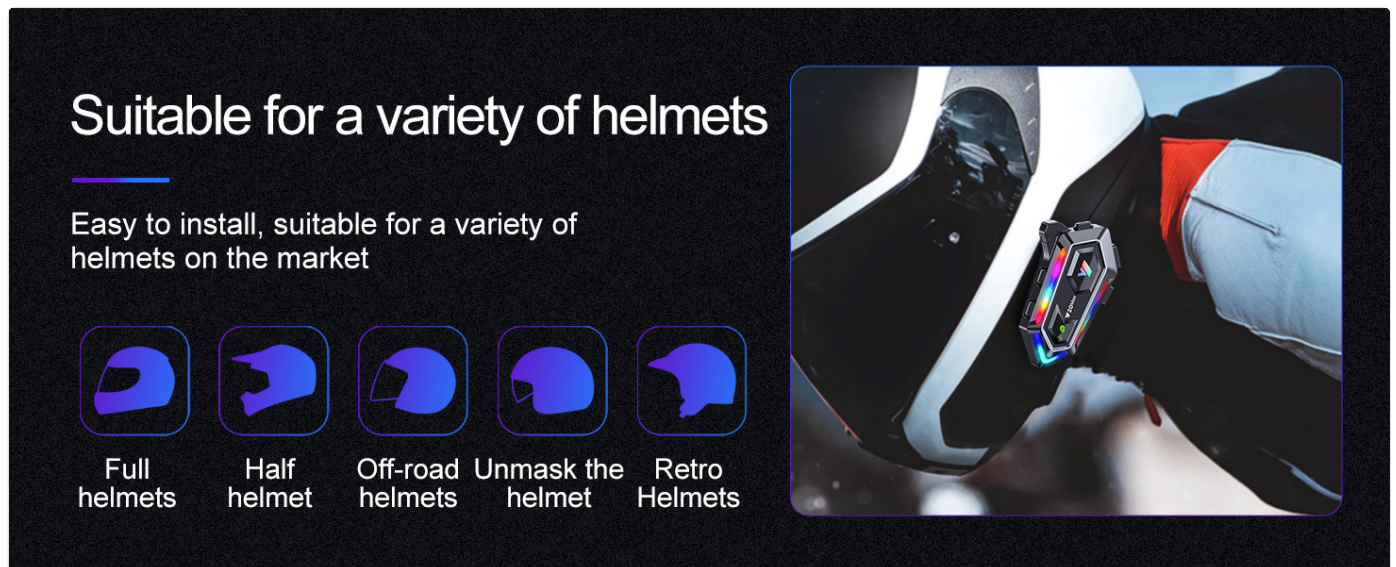


Image: A detailed diagram illustrating the various buttons and ports on the Y20MAX headset, including volume controls, voice assistant button, RGB key/intercom button, Type-C charging port, and speaker/MIC interface.

- **Work Indicator Light:** Displays device status.
- **Voice Assistant Button:** Short press to activate voice assistant (Siri, Google Assistant).
- **Short Press Down / Long Press Volume Up:** Controls volume and track selection.
- **Short Press Last Song / Long Press Volume Down:** Controls volume and track selection.
- **RGB Key / Intercom Button:** Controls RGB lighting effects and initiates/ends intercom calls.
- **Type-C Charging Port:** For charging the device.
- **Type-C Speaker/MIC Interface:** Connects the speaker and microphone assembly.
- **Turn On/Off / Play/Pause / Listen/Hang Up Button:** Multi-function button for power and call/music control.

SETUP

1. Charging the Headset:

Before first use, fully charge the Y20MAX headset. Connect the provided Type-C charging cable to the headset's charging port and a compatible USB power source. The indicator light will show charging status. A full charge provides approximately 25 hours of music playback or 10 hours with the RGB light on.

2. Installation into Helmet:

Split installation



Image: The Y20MAX headset separated from its mounting clip, demonstrating its split installation design for easy attachment to various helmet types.

1. Attach the mounting clip to the side of your helmet. Ensure it is securely fastened.
2. Slide the Y20MAX headset unit onto the mounting clip until it clicks into place.
3. Carefully route the speaker wires inside the helmet's padding, positioning the speakers over your ears.
4. Position the microphone near your mouth for optimal voice pickup.

3. Bluetooth Pairing:

1. With the headset powered off, press and hold the multi-function button until the indicator light flashes, indicating pairing mode.
2. On your mobile device, enable Bluetooth and search for "Y20MAX".
3. Select "Y20MAX" from the list of available devices to pair. The indicator light will change to a steady blue when successfully paired.
4. The headset supports connecting to two mobile phones simultaneously. Repeat the pairing process for the second device if desired.

OPERATING INSTRUCTIONS

Power On/Off:

- **Power On:** Press and hold the multi-function button for 3 seconds.
- **Power Off:** Press and hold the multi-function button for 5 seconds.

Music Playback:

- **Play/Pause:** Short press the multi-function button.
- **Next Track:** Short press the "Short Press Down / Long Press Volume Up" button.
- **Previous Track:** Short press the "Short Press Last Song / Long Press Volume Down" button.
- **Volume Up:** Long press the "Short Press Down / Long Press Volume Up" button.
- **Volume Down:** Long press the "Short Press Last Song / Long Press Volume Down" button.

Call Management:

- **Answer Call:** The headset will automatically answer incoming calls after 10 seconds. Alternatively, short press the multi-function button to answer immediately.
- **End Call:** Short press the multi-function button.
- **Reject Call:** Long press the multi-function button during an incoming call.

Voice Assistant:

- **Activate Voice Assistant (Siri/Google Assistant):** Short press the dedicated voice assistant button.

Intercom Function:

The Y20MAX supports dual 300m intercom for communication between two riders.



Image: Two motorcyclists riding, with an arc indicating a 300m intercom range between their Y20MAX headsets, highlighting the dual-mode coexistence feature.

- To initiate intercom, ensure both Y20MAX units are powered on and within range.
- Press the RGB Key / Intercom Button on one unit to start the intercom connection.
- Press the same button again to end the intercom session.

RGB Lighting Effect:

- Short press the RGB Key / Intercom Button to cycle through different RGB lighting modes or turn the lights off.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to wipe the headset. For stubborn dirt, a slightly damp cloth can be used. Avoid harsh chemicals or abrasive cleaners.
- **Water Resistance:** The Y20MAX is IPX6 waterproof, meaning it is protected against powerful water jets. While it can withstand rain and splashes, avoid submerging the device in water. Ensure the Type-C charging port cover is securely closed when not charging to maintain water resistance.
- **Storage:** Store the headset in a cool, dry place away from direct sunlight and extreme temperatures. If storing for an extended period, charge the battery to about 50% to prolong its lifespan.



Image: The Y20MAX headset with water splashing around it, visually representing its IPX6 deeply waterproof rating.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Battery is depleted.	Charge the headset using the provided Type-C cable.
Cannot pair with mobile device.	Headset not in pairing mode; Bluetooth off on device; device too far.	Ensure headset is in pairing mode (flashing indicator). Turn on Bluetooth on your device. Move device closer to headset. Try restarting both devices.
Low sound volume or poor quality.	Volume too low; speakers misaligned; external noise.	Increase volume on both headset and connected device. Adjust speaker position inside helmet. Ensure microphone is clear of obstructions.
Voice assistant not responding.	Incorrect button press; phone's voice assistant not enabled.	Ensure you are short-pressing the dedicated voice assistant button. Check your phone's settings to ensure Siri/Google Assistant is enabled and accessible via Bluetooth devices.
Intercom not connecting.	Units out of range; not in intercom mode.	Ensure both units are within 300m range. Press the intercom button on both units to initiate connection.

SPECIFICATIONS

Feature	Detail
Model Name	Y20MAX
Connectivity Technology	Wireless (Bluetooth 5.3)
Battery Life	Up to 25 Hours (music playback), approx. 10 Hours (with RGB light on)
Battery Capacity	1000mAh
Water Resistance Level	IPX6
Frequency Range	20 Hz to 20,000 Hz
Control Method	Touch, Voice
Intercom Range	300m (Dual-mode)
Weight	6.4 ounces
Dimensions	5.24 x 4.17 x 2.44 inches
Compatible Devices	Motorcycle Helmets (Full, Half, Off-road, Unmask, Retro)

WARRANTY AND SUPPORT

Warranty Information:

BTQILEYOO products are manufactured with high-quality standards. For specific warranty terms and conditions, please

refer to the warranty card included with your product or visit the official BTQILEYOO website. Typically, products come with a limited warranty covering manufacturing defects from the date of purchase.

Customer Support:

If you encounter any issues or have questions regarding your Y20MAX Motorcycle Helmet Bluetooth Headset, please contact BTQILEYOO customer support. You can usually find contact information (email, phone, or support portal) on the official BTQILEYOO website or through your retailer's support channels.

For the latest information and support resources, please visit the official BTQILEYOO website: [BTQILEYOO Official Page](#)