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> [Maxquall](#) /

> [Maxquall V4 Plus Referee Headset Communication System User Manual](#)

Maxquall V4 Plus

Maxquall V4 Plus Referee Headset Communication System User Manual

Brand: Maxquall | Model: V4 Plus

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Maxquall V4 Plus Referee Headset Communication System. Designed for clear and reliable communication, this system is ideal for referees in various sports, ensuring seamless coordination during matches.

WHAT'S IN THE BOX

Carefully unpack your Maxquall V4 Plus Referee Headset Communication System. The package should contain the following items:

- Maxquall V4 Plus Intercom Units (4 units for this model)
- In-ear Earpieces with Microphones (4 units)
- USB Charging Cables
- Armbands for Intercom Units
- User Manual



Image: Maxquall V4 Plus Headset components.

Video: V4C Referee Headset Unboxing. This video demonstrates the unboxing process and shows the included components.

PRODUCT OVERVIEW

The Maxquall V4 Plus Referee Headset Communication System features advanced technology for reliable and clear communication. Key features include:

- **Latest Chip Model:** Utilizes the newest Bluetooth transmission technology for clear and stable communication across the field.
- **Innovative In-ear Designed Earpiece:** Ergonomically designed for a comfortable and secure fit, eliminating the need for constant adjustments.
- **Various Sports Application:** Suitable for football, handball, basketball, volleyball, fishing, riding, cycling, hiking, ATV, and scene instruction.
- **Pairing Memory:** Once paired, the system remembers connections, requiring only simple button presses for subsequent use.
- **Waterproof Design:** Ensures durability and performance in various weather conditions.
- **Active Noise Cancellation:** Reduces background noise for improved audio clarity.

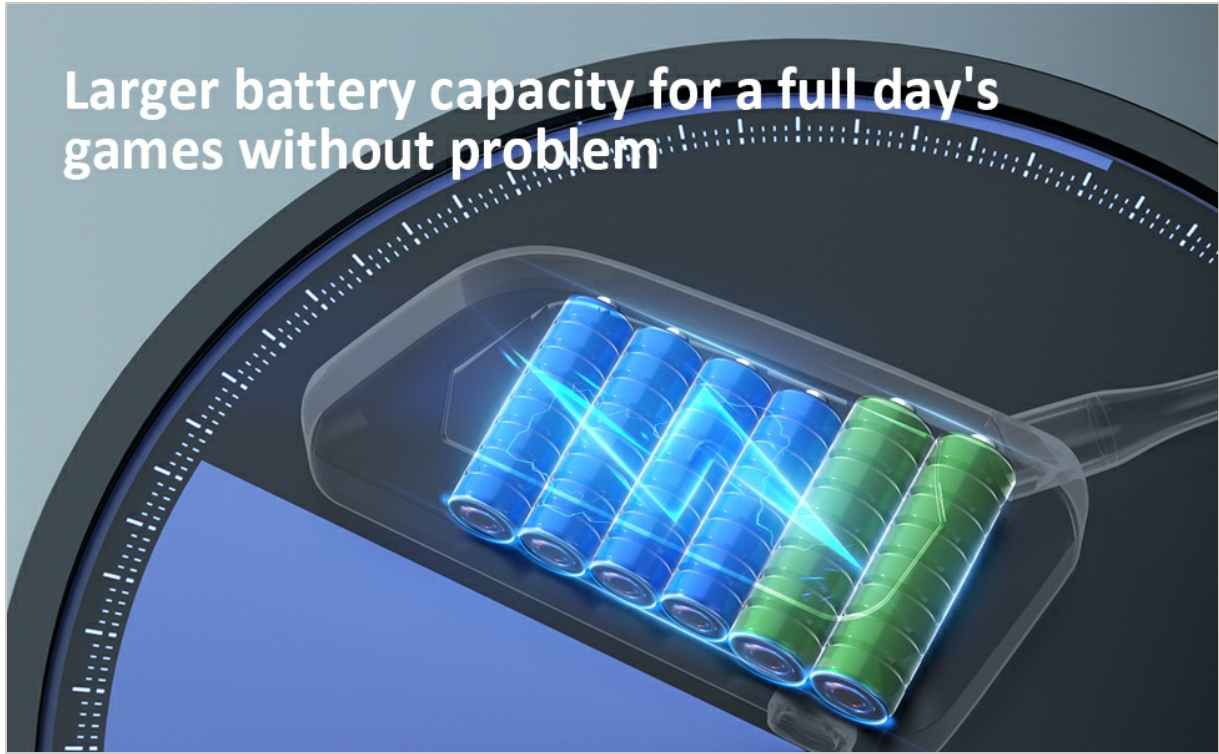


Image: Advanced chip features for enhanced communication.



**Chip upgraded for constant connection
and clearer sound quality**

Image: Stable signal transmission across a football field.



**Larger battery capacity for a full day's
games without problem**

Image: Meticulous in-ear designed earpiece.



**Designed according to
the human ear structure,
more comfortable to wear.**

**It does not hurt the ear
and will not fall off during
the game.**

Image: Versatile applications for various sports.

SETUP INSTRUCTIONS

1. Powering On/Off

- **To Power On:** Press and hold the power button (usually the main function button) for approximately 1 second until the indicator light illuminates.
- **To Power Off:** Press and hold the power button for approximately 3 seconds until the indicator light turns off.

2. Pairing Multiple Units (4-Person Intercom)

Follow these steps to pair four Maxquall V4 Plus intercom units for simultaneous communication:

1. Ensure all four intercom units are powered off.
2. Power on all four units by pressing the power button for 1 second on each.
3. On Unit 1 and Unit 2, long press the 'A' button for about 3 seconds until their lights flash blue and red.
4. Click the 'A' button on either Unit 1 or Unit 2 once. Wait for both lights to turn blue, indicating they are paired (Mode A).
5. On Unit 2 and Unit 3, long press the 'B' button for about 3 seconds until their lights flash blue and red.
6. Click the 'B' button on either Unit 2 or Unit 3 once. Wait for both lights to turn blue, indicating they are paired (Mode B).
7. On Unit 3 and Unit 4, long press the 'A' button for about 3 seconds until their lights flash blue and red.
8. Click the 'A' button on either Unit 3 or Unit 4 once. Wait for both lights to turn blue, indicating they are paired (Mode A).
9. Finally, click the 'A' button on Unit 1 once. When all four units show a solid blue light, the 4-unit pairing is successful, and all devices can communicate freely.

Video: MaxQuall 4V4 Plus Referee Headset Pairing. This video demonstrates the pairing process for four units.

3. Wearing the Earpiece

The in-ear earpiece is designed for comfort and stability. Choose the correct size earplugs for a secure fit.

- Attach the intercom unit to your arm using the provided armband.
- Insert the earpiece into your ear, ensuring the microphone is positioned correctly near your mouth for optimal voice pickup.
- Adjust the earpiece for a snug fit that remains comfortable during movement.

Video: GaiRen referee headset in-ear wearing steps for right ear. This video demonstrates how to properly wear the right earpiece.

Video: GaiRen referee headset in-ear style for left ear. This video demonstrates how to properly wear the left earpiece.

OPERATING INSTRUCTIONS

1. Adjusting Volume

- Use the '+' button to increase the volume.
- Use the '-' button to decrease the volume.

2. Intercom Communication

Once units are paired, communication is automatic. Speak clearly into the microphone. The active noise cancellation feature will help filter out ambient noise.

MAINTENANCE

1. Charging the Units

- Connect the provided USB charging cable to the charging port on the intercom unit.
- Plug the other end into a compatible USB power source.
- A full charge takes approximately 2.5 hours.
- The battery provides up to 18 hours of continuous use.

2. Cleaning

- Wipe the intercom units and earpieces with a soft, damp cloth.
- Do not use harsh chemicals or abrasive cleaners.
- Ensure all ports are dry before charging or use.

3. Storage

Store the units in a cool, dry place away from direct sunlight and extreme temperatures when not in use.

TROUBLESHOOTING

- **No Power:** Ensure the unit is fully charged. Press and hold the power button for 1 second to turn on.
- **Cannot Pair:** Follow the pairing instructions carefully. Ensure all units are powered off before starting the pairing process. If issues persist, try resetting the units (refer to the full user manual for specific reset procedures).
- **Poor Audio Quality:** Check the earpiece fit and microphone position. Ensure volume is adjusted appropriately. Verify that units are within range and there are no significant obstructions.
- **Intermittent Connection:** This may indicate units are at the edge of their communication range or experiencing interference. Try moving closer to other paired units.

SPECIFICATIONS

Model Name	4V4
Connectivity Technology	Wireless (Bluetooth 5.1)
Battery Life	18 Hours
Charging Time	2.5 Hours
Water Resistance Level	Waterproof
Noise Control	Active Noise Cancellation
Item Weight	0.86 Kilograms (1.9 pounds)
Material	Plastic

WARRANTY AND SUPPORT

Maxquall offers a 2-year warranty for return and exchange on this referee headset system. For any issues or support, please contact Maxquall customer service. Spare parts are available for 1 year from the date of purchase.