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> Gold Armour Wireless BT 5.0 Transmitter and Receiver User Manual

Gold Armour 5582680378

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Model: 5582680378

INTRODUCTION

The Gold Armour 2-in-1 Wireless BT 5.0 Transmitter and Receiver (Model GA-BA100) is a versatile audio adapter designed to enhance your audio experience. It functions as both a Bluetooth transmitter, allowing you to wirelessly stream audio from non-Bluetooth devices to Bluetooth headphones or speakers, and a Bluetooth receiver, enabling you to stream audio from your Bluetooth-enabled devices to wired speakers or home stereo systems. With support for aptX Low Latency, it ensures synchronized audio and video, making it ideal for watching TV or movies.

SAFETY INFORMATION

Please read and understand the following safety guidelines before using the device:

- Handle the device with care to prevent damage from drops or impacts.
- Ensure proper battery care; do not expose the built-in lithium battery to extreme temperatures or puncture it.
- Operate the device within specified temperature and humidity limits to ensure optimal performance and longevity.
- Be aware of potential interference with other electronic devices. Keep the unit away from strong electromagnetic fields.

PACKAGING CONTENT

Upon opening the package, verify that all the following items are included:

- 1 x GA-BA100 Transmitter & Receiver Unit
- 1 x Micro USB cable (for charging/power)
- 1 x 3.5mm auxiliary to RCA cable
- 1 x 3.5mm auxiliary cable
- 1 x Digital optical audio toslink cable
- 1 x User manual

Packaging Content



Image: All items included in the Gold Armour GA-BA100 package.

SETUP

The Gold Armour GA-BA100 offers flexible connectivity options including Optical (TOSLINK) digital and 3.5mm (AUX and RCA) for both input and output. Follow these steps for initial setup:

1. **Charge the Device:** Before first use, fully charge the GA-BA100 using the provided Micro USB cable connected to a USB power source (e.g., computer USB port, USB wall adapter). The LED indicator will show charging status.
2. **Select Mode:** Determine whether you need Transmitter (TX) or Receiver (RX) mode. The device has a switch to select between these modes.
3. **Connect Audio Cables:**
 - **For Transmitter Mode (TX):** Connect the GA-BA100 to your audio source (e.g., TV, PC, CD player) using either the Digital Optical Audio Toslink cable or the 3.5mm auxiliary cable (or 3.5mm to RCA cable). This mode sends audio wirelessly to Bluetooth headphones/speakers.
 - **For Receiver Mode (RX):** Connect the GA-BA100 to your non-Bluetooth audio system (e.g., wired speakers, home stereo) using either the Digital Optical Audio Toslink cable or the 3.5mm auxiliary cable (or 3.5mm to RCA cable). This mode receives audio wirelessly from Bluetooth-enabled devices like smartphones or tablets.
4. **Power On:** Press and hold the power button to turn on the device.
5. **Pairing:**

- In TX mode, put your Bluetooth headphones/speakers into pairing mode. The GA-BA100 will automatically search and connect.
- In RX mode, enable Bluetooth on your smartphone or tablet and select "GA-BA100" from the list of available devices to connect.



Image: The Gold Armour GA-BA100 unit.



Image: Illustration of the device operating in both Transmitter (TX) and Receiver (RX) modes.

Connect Up to Two Devices

Enjoy high definition sound through optical or 3.5mm connection, and share with others by having two headphones or speakers connected at once.



Image: The device's capability to connect to up to two headphones simultaneously.

OPERATING MODES

Transmitter Mode (TX)

In TX mode, the GA-BA100 transmits audio from your non-Bluetooth devices (like TVs, PCs, or older stereos) to up to two Bluetooth headphones or speakers simultaneously. This is ideal for private listening or sharing audio without disturbing others.

- Connect the GA-BA100 to the audio output of your device (Optical or 3.5mm AUX).
- Switch the device to TX mode.
- Pair your Bluetooth headphones/speakers. The device supports pairing with two units at once.
- Enjoy wireless audio from your source device.

Receiver Mode (RX)

In RX mode, the GA-BA100 receives Bluetooth audio from your smartphone, tablet, or other Bluetooth-enabled devices and outputs it to your wired speakers, home stereo system, or car audio system.

- Connect the GA-BA100 to the audio input of your wired speaker system (Optical or 3.5mm AUX).
- Switch the device to RX mode.
- Pair your Bluetooth-enabled device (e.g., smartphone) with the GA-BA100.
- Stream music or other audio content wirelessly to your connected audio system.

KEY FEATURES

- **Bluetooth 5.0:** Utilizes the latest Bluetooth 5.0 technology for stable and efficient wireless connections.
- **aptX Low Latency:** Certified with aptX Low Latency, this feature minimizes audio delay, ensuring perfect synchronization between audio and video. This is particularly beneficial for watching movies or playing games. *Note: For optimal low latency performance, your connected headphones or speakers must also support aptX Low Latency.*

Say Goodbye to Delays
With aptX Low latency support, your music and sound will arrive almost instantaneously



Image: Visual representation of aptX Low Latency ensuring no audio-video delay.

- **Extended Range:** Enjoy wireless audio from up to 164 feet (50 meters) away, providing flexibility to move around your

home without losing connection.

Extended Working Range Up to 164 FT

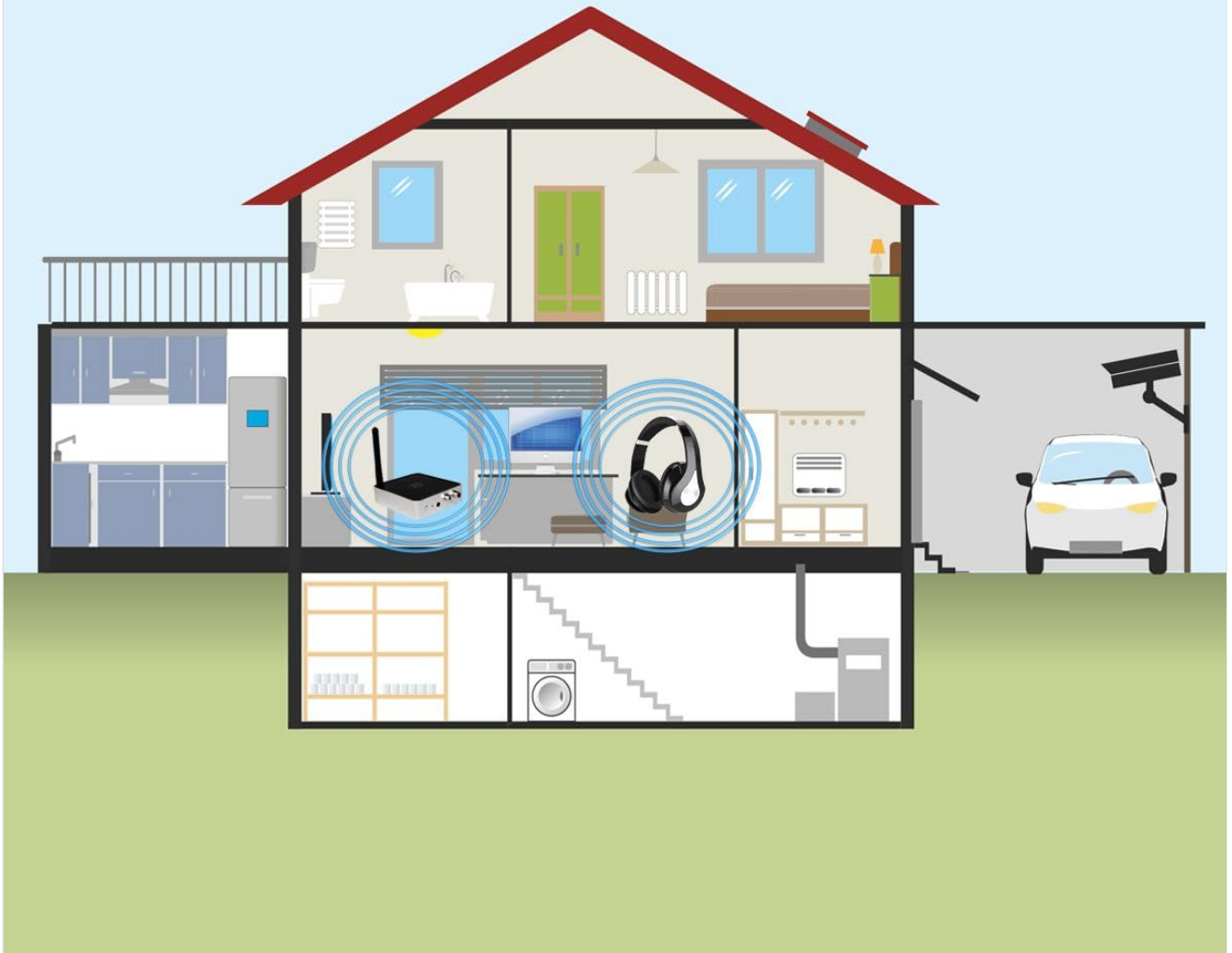


Image: Illustration of the device's extended working range within a typical home environment.

- **Dual Connectivity:** Can connect to two headphones or speakers simultaneously in Transmitter mode, allowing shared listening experiences.
- **Multiple Audio Inputs/Outputs:** Supports both Optical (TOSLINK) digital and 3.5mm (AUX and RCA) connections, offering broad compatibility with various audio devices.

SPECIFICATIONS

Feature	Specification
Frequency	2.402-2.480GHz
Wireless BT Version	V5.0, Class II
BT Chipset	CSR BC8670
Codec Support	AptX Low Latency, APT-X, SBC, FastStream

Feature	Specification
Transmission Range	164 ft (50 meters)
Built-in Battery	350mAh / 3.7V Lithium battery
Working Time	10 hrs
Charging Time	2 hrs
Product Dimensions	3.35 x 3.17 x 0.86 inches
Net Weight	1.26 oz / 36 g
Connectivity Technology	Bluetooth, Auxiliary, USB
Special Feature	Built-in Microphone

TROUBLESHOOTING

If you encounter issues with your Gold Armour Wireless BT 5.0 Transmitter and Receiver, please refer to the following common solutions:

- **No Audio:**

- Ensure the device is powered on and fully charged.
- Verify that the correct mode (TX/RX) is selected.
- Check all audio cable connections (Optical, AUX, RCA) are secure and correctly plugged into the input/output ports.
- Confirm that the volume on both the GA-BA100 and the connected audio device (headphones, speakers, TV) is turned up.
- For TX mode, ensure your Bluetooth headphones/speakers are in pairing mode and successfully connected.
- For RX mode, ensure your source device's Bluetooth is enabled and connected to "GA-BA100".
- If using Optical, ensure your TV/source audio output is set to PCM (Pulse-Code Modulation) and not Bitstream or Dolby Digital.

- **Audio Lag/Delay:**

- Ensure both the GA-BA100 and your connected Bluetooth headphones/speakers support aptX Low Latency. If only one device supports it, the audio will revert to a standard Bluetooth codec with higher latency.
- Reduce the distance between the GA-BA100 and the connected Bluetooth device.
- Minimize obstacles (walls, furniture) between the devices.

- **Cannot Pair:**

- Ensure the GA-BA100 is in the correct mode (TX for transmitting, RX for receiving).
- Place the GA-BA100 and the device you are trying to pair within 3 feet of each other during the pairing process.
- Clear previous pairing records on both the GA-BA100 (refer to device specific instructions for factory reset if available) and your Bluetooth device.
- Restart both the GA-BA100 and the device you are trying to pair.

- **Intermittent Connection:**

- Move the GA-BA100 closer to the connected device.
- Avoid placing the device near sources of strong Wi-Fi signals, microwaves, or other 2.4GHz wireless devices that may

cause interference.

- Ensure the device is fully charged.

WARRANTY AND SUPPORT

The Gold Armour 2-in-1 Wireless Receiver Transmitter comes with a **2 YEARS WARRANTY**. Gold Armour is dedicated to addressing any product or service issues and is committed to delivering the best experience for all buyers.

For further assistance, troubleshooting, or warranty claims, please contact Gold Armour customer support through the retailer's platform or visit the official Gold Armour website.

Visit the [Gold Armour Store](#) for more information and product updates.