

GBU621

## Compact USB Bluetooth 5.1 Transmitter



- Bluetooth 5.1 specification compliant
- Supports Bluetooth classic (BR/EDR)
- Supports Bluetooth Low Energy (BLE)
- Single-end RF radio output with Class 1 high performance up to 8dBm
- Supports Power Control
- Fast AGC control to improve receiving dynamic range
- Supports Angle of Arrival (AOA) application

IOGEAR's new Compact USB Bluetooth Transmitter is 5.1 compliant. New 5.1 technology brings "direction-finding" that allows Bluetooth devices to precisely pinpoint the physical location of the device. 5.1 supports Angle of Arrival (AoA) and Angle of Departure (AoD) methods to determine the distance and direction of the signal. This new version can pinpoint a device's location within a few centimeters. This offers a more stable and reliable connection.

### Speed Up the Pairing Process

Bluetooth 5.1 devices use "Generic Attribute Profile," or GATT. When a client device connects it "discovers" what the server device supports, which takes time and energy. Bluetooth 5.1 performs more aggressive caching it skips the service discovery stage if nothing has changed. These "GATT caching enhancements" mean the connection happens faster and less power is spent.

### Less Bluetooth Interruption

Bluetooth 5.1 comes with a new feature called "randomized advertising channel indexing." When you pair with your device, the connection now runs on a specific channel. Other devices get more room to avoid interfering with each other. That is especially helpful if there are many Bluetooth devices in an area.

### Supports Dual Audio



Requirements

- 1x Open USB-A port
- System Requirements
  - Windows 8.1, 10, 11

Package Contents

- 1x GBU621

Specifications

| Function | GBU621 | Dimensions                     | GBU621              |
|----------|--------|--------------------------------|---------------------|
|          |        | <b>Unit Dimensions</b>         |                     |
|          |        | Height                         | 0.314 in (0.8 cm)   |
|          |        | Length                         | 0.74 in (1.9 cm)    |
|          |        | Width                          | 0.43 in (1.1 cm)    |
|          |        | <b>Unit Package Dimensions</b> |                     |
|          |        | Height                         | 6.37 in (16.2 cm)   |
|          |        | Length                         | 0.74 in (1.9 cm)    |
|          |        | Width                          | 4.6 in (11.7 cm)    |
|          |        | <b>Master Carton</b>           |                     |
|          |        | Height                         | 8.07 in (20.5 cm)   |
|          |        | Length                         | 6.2 in (16 cm)      |
|          |        | Width                          | 5.5 in (14 cm)      |
|          |        | Master Carton Qty.             | 6 pcs               |
|          |        | <b>Weight</b>                  |                     |
|          |        | Master Carton Wt.              | 0.88 lbs (0.4 kg)   |
|          |        | Unit Pack Wt.                  | 0.08 lbs (0.04 kg)  |
|          |        | Unit Wt.                       | 0.01 lbs (0.005 kg) |