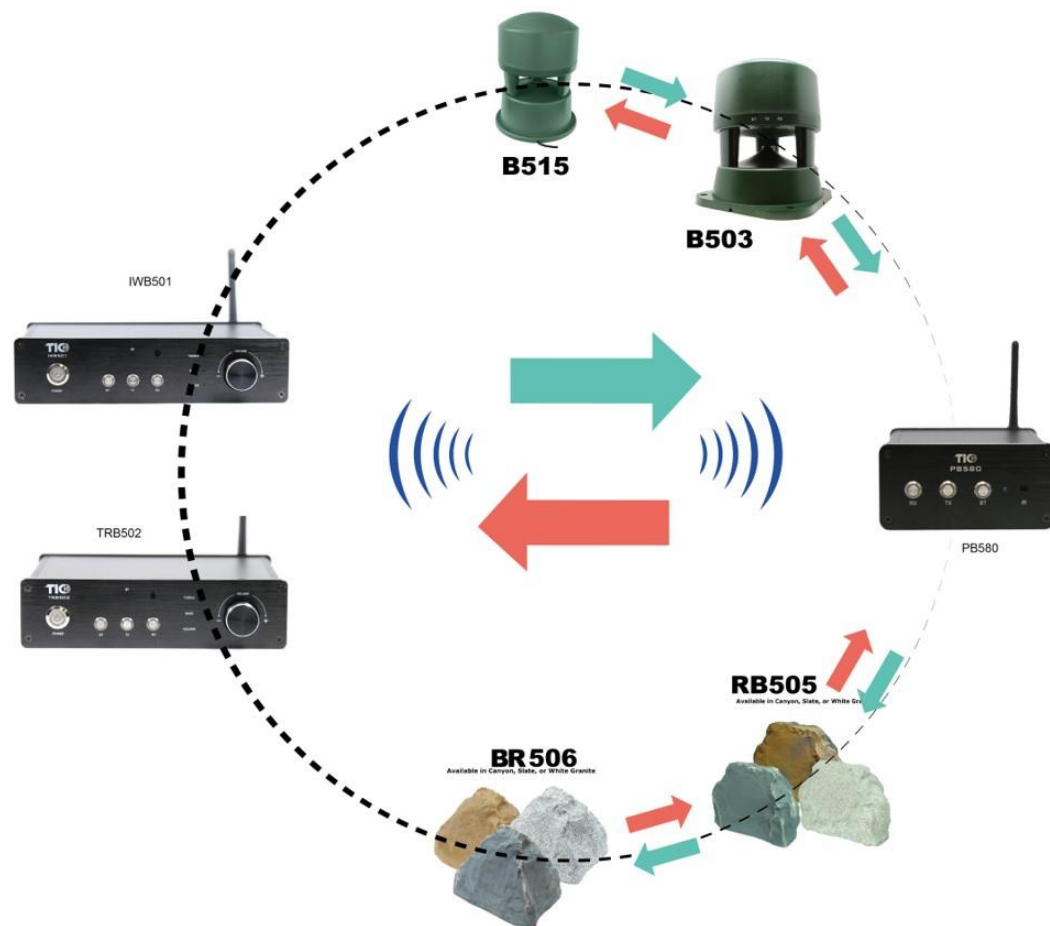




## TIC Audio Bluetooth5 installation instruction



*This manual is applicable for the TIC Bluetooth5 product family, including the following compatible models:*

- Bluetooth5 Amplifiers: IWB501 ; TRB502
- Bluetooth5 Receiver and Transmitter: PB580
- Bluetooth5 Speakers: B503; B526; B515; RB505; RB506; BPS560; BPS565



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### **1. Introduction**

- In the below sections, when instructed to press a specific button, you can either aim the remote control at the speaker/amplifiers and press the button **or** press the respective button on the speaker/device itself if the specific button is available.
- Not every button mentioned is available on each individual speaker/device
- Please note the position of the IR receiving node on the speaker/device when aiming the remote control. The performance of the remote control may degrade if the remote control is not aiming directly at the node or if strong sunlight is interfering with the signal.
- Range of the remote control is max 10 meter. If the signal is not received properly please move closer.
- A single remote control can control any compatible TIC speaker/device. Aim the remote control carefully if multiple speakers are placed in close proximity.
- Volume control can be individually customized for each speaker via the remote control.
- When the volume is adjusted on the connected Bluetooth device or music/video application, it will be applied to all BT5.0 devices.
- During broadcast mode, track control will only work when aiming at the main device. You can alternatively control the track directly on your Bluetooth device or music/video application.

### **2. Bluetooth Device Pairing**

- **step 1:** upon initial powering up, you should hear an opening tone. The blue LED light will be flashing slowly, indicating it is in standby mode. If the blue LED is solid, a Bluetooth device is already connected.
- **step 2:** to pair a Bluetooth device (smartphone, tablet, computer, transmitter, etc.), double-click the Bluetooth (BT) button. You should hear the voice prompt "PAIRING". The speaker is now in search mode.



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- **step 3:** in the Bluetooth setting menu of your Bluetooth device, search for “TIC BT Speaker” and connect. When you hear voice prompt “CONNECTED” the pairing process is completed. The blue LED is now solid.

### 3. Disconnect & reset

- To disconnect a connected Bluetooth device, double-click the Bluetooth (BT) button. The blue LED will be flashing again. You can then switch to another previously paired Bluetooth device by repeating **step 3** on that device’s Bluetooth setting menu.
- To connect to a new Bluetooth device, repeat **step 2 & step 3**.
- If you want a full reset and delete all previous Bluetooth pairings, double click the **Reset** button.

**Note:** The speaker can remember multiple Bluetooth devices. Speaker will automatically reconnect to the most nearby paired device within range each time you turn it on. The connection range is up to 80 meter (outdoor with clear line of sight) for Bluetooth 5.0 devices. The speaker is backward compatible with devices with older Bluetooth specifications. However, the range will be limited to the range of the older specification (5-15 meter for Bluetooth 4.0 devices).

### 4. Multi-Speaker Broadcast Mode

- With broadcast mode, you can connect up to 100 compatible TIC Bluetooth5 speakers/devices together to create a no-hassle multi-device sound system.
- In broadcast mode, one unit will serve as the main transmitting device and all other speakers will serve as secondary receiving devices.
- Broadcast range is up to 80 meter in outdoor setting with clear line of sight. To optimize broadcast range in your multi-speaker sound system, we advise to select the most centralized TIC Bluetooth5 device as the main transmitter device.
- In addition, elevating any device >1 meter off ground level can improve the broadcast transmitting/receiving range.

### 5. Set up broadcast mode

- **step 1:** select the appropriate TIC BT5 as the main unit. While not required, we recommend pairing the Bluetooth device first before setting up the broadcast mode.
- **step 2:** press the Transmitter Mode (TX) button. You should hear the voice prompt “TRANSMITTER MODE”.
- **step 3:** on a secondary device, press the Receiver Mode (RX) button. You should hear the voice prompt “RECEIVER MODE”.
- if a unit is already connected to a Bluetooth device (as indicated by a solid blue light), you will need to disconnect it first or the broadcast connection would not work in **step3**.
- **step 4:** within 30 seconds, double-click the “TX” button on the main unit and double-click “RX” button on the secondary unit. You should hear the voice prompt “SEARCHING” from both units. You will hear the voice prompt “CONNECTED” once the connection is completed.
- If the connection is not made within 30 seconds, please **repeat step 1-3**.
- To add any additional secondary speaker, repeat **step 2 and 3**. Up to 100 TIC BT5 devices can be added together.



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### 6. To exit broadcast mode

- Press the Reset (or BT) button once to exit broadcast mode.
- If pressed on the main unit, it will stop the main unit from broadcasting to all secondary units.
- If pressed on a secondary unit, this specific secondary unit will stop receiving and be allowed to connect to and play from a separately paired Bluetooth device.

### 7. Restart/rejoin broadcast mode

- For the main unit, press TX button to restart broadcast mode. You should hear the voice prompt “TRANSMITTER MODE”. Broadcast mode will then resume shortly for all units (assuming secondary units are still in receiver mode).
- For any secondary unit, first disconnect any connected Bluetooth device by double-clicking the Bluetooth (BT) button. Press the RX button to resume receiving from the previously connected main speaker. You should hear the voice prompt “RECEIVER MODE” and broadcast mode will resume shortly.

### 8. Switch main speaker

- Exit broadcast mode for each unit and redo the broadcast mode set up as instructed in previous page.
- Please remember to disconnect the Bluetooth device (smartphone, tablet, computer, transmitter, etc.) from the original main unit before switching it to receiver mode.

### 9. BT5 amplifier tone control

- The TIC Bluetooth5 amplifiers (e.g. TRB502 / IWB501) have a bass and treble option to adjust the tone setting more in detail. To access the bass/treble control please push the “volume” button on the device, the volume led will switch to “bass”. You can adjust the bass with the volume control button. Press it again to switch the led to “treble”, and adjust it with the volume button. When pressed again the led will switch to volume again, etc.

### 10. BT5 wired inputs (if available)

- The BT5 devices TRB502 / IWB501 / PB580 have wired input options: Aux and Fibre Optical. You cannot select these with buttons or remote control, the signal that comes in first will play. However, when Bluetooth signal comes in it will always take control of playing.
- **Important : the USB connection on these devices is for 5V charging only!**

