



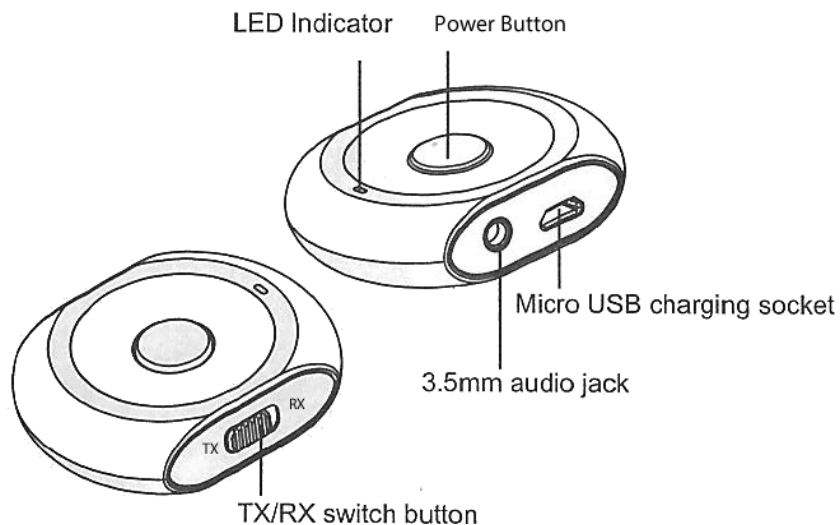
## Bluetooth Upgrade For Home Stereo Receivers (and most other audio devices) Quickstart Guide

Dear Fellow DAKonian,

Thanks for ordering DAK's Bluetooth Upgrade! You're just a few steps away from enjoying top quality wireless Bluetooth audio from your home stereo receiver, or from sending wireless Bluetooth audio to your Bluetooth enabled receiver and speakers.

Even though the Bluetooth Upgrade is really small and doesn't have many buttons, we still need to know what we're doing. So, first thing's first.

Here's a diagram of DAK's Bluetooth Upgrade ("BT Upgrade") from two different angles:



### Identifying The Parts and Setting It All Up (for the first time):

- 1- Micro USB Charging Socket:** This is where you plug in the included charging cable. One end goes into a USB port in your computer, and the smaller end fits into this socket. Charge time is between 2-3 hours, and the battery will last for up to 9 hours per charge. It's always recommended to charge up before your first use (though I'm unsure how many of us actually have the patience to wait...).
- 2- TX/RX Switch Button:** Before we power it up, we need to make sure we've set this switch correctly. TX is for **Transmit Mode (I also call it Send Mode)**. RX is for **Receive Mode**.  
**Important Note:** If you are unsure about the difference between these two modes, see the following webpage where I explain it in detail:  
<http://www.dak.com/tutorials/3502/instructions.cfm>

(Continued on next page)

**Questions? We're here to help!**  
[cs@dak.com](mailto:cs@dak.com)  
M-F 10am-5pm EST

**See the full tutorial at:**  
<http://www.dak.com/tutorials/3502/instructions.cfm>  
2691 West 15<sup>th</sup> St. Brooklyn, NY 11224

**3- Power Button and LED Indicator:** Let's look at these two together. Pressing and holding the Power Button for a few seconds will turn the BT Upgrade on/off. The LED will momentarily light up blue when powered on, and red when powering off. More on the LED light in a bit, but for now let's move on to actually getting connected.

#### **4a- Receive Mode (RX)**

Place the BT Upgrade within a foot of the device with which you want to make the BT connection. Press and hold the power button until the LED begins to quickly flash red and blue (about 7 secs). The BT Upgrade is now **discoverable** for a BT signal to search for and pair with it. It will remain in this state for up to 2 minutes. While in discoverable state, move on to one of the following steps-

#### **Pairing with smartphones and tablets:**

Enable your phone's Bluetooth setting and select 'Scan for Devices.' The BT Upgrade will show up in the list of devices as 'Avantree Saturn.' Select it. A message will pop up to confirm a passkey. Just select okay to confirm it. **That's it.** The LED will now double-blink blue (in some cases triple-blink) to indicate that it has been paired. (Some devices will ask you to enter a PIN. If so, just enter 0000 and you're all set.)

#### **Pairing with a Bluetooth ready PC or Mac:**

Go to the Control Panel (in Macs it's called System Preferences, then go to Bluetooth) and select "Add New Device" under the Hardware and Sound Menu. The BT Upgrade should be listed as 'Avantree.' Select it and click Next. You will be asked to compare a pairing code. Confirm 'Yes.' The computer will auto-install some drivers for about a minute and... **You're done.** The LED will double-blink blue indicating that it is paired.

**5a- 3.5mm Audio Jack:** Now use a cable to connect this Line Output to your stereo system or earbuds.

#### **4b- Send Mode (TX)**

Place the BT Upgrade within a foot of the device to which you want to send the BT audio signal. Press and hold the power button until the LED rapidly blinks blue (about 7 secs). The BT Upgrade is now **searching** for a BT device to pair with. It will remain in this state for up to 2 minutes. While in this searching state, make sure your other BT device is in a discoverable state. The two will pair automatically.

**5b- 3.5mm Audio Jack:** This is your Line Input. Plug in your music source (like an old iPod or MP3 Player) and it will send that music to the other device that it is paired with.

**Pairing two BT Upgrades:** This is very easy. Make sure one is set to RX and one to TX. Hold one in each hand and press each power button until they both enter discoverable and searching states, respectively. Watch as they pair automatically.

Once paired, plug the TX into your music source, and the RX into your stereo or your headphones.

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**The BT Upgrade will automatically search for the last paired device, so the 2<sup>nd</sup> time you use it, you only need to wait for the 1st blue light before you let go of the button.**

**Final Thought-** You have about 30 feet of freedom, but that varies on the amount of obstructions around (namely, walls). To maximize the range, minimize the obstructions. I was able to walk down the warehouse aisle for about 65 ft. before the signal dropped out. When I put the upgrade in a closed metal box, I only got 15ft.

**Happy Listening!**



-Sol Harari  
DAK Industries

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