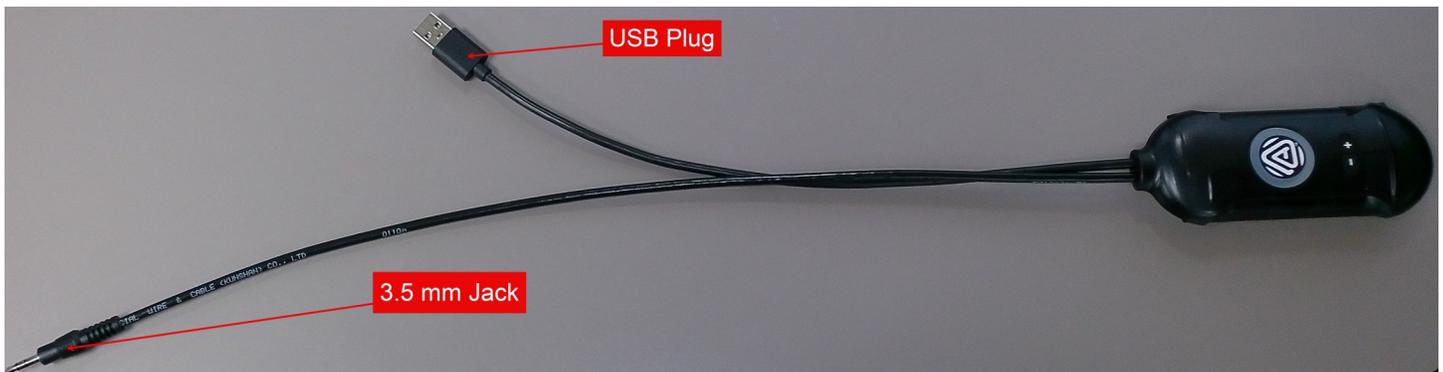# Audio Sharing Dongle

Figure 1

Power

To power the unit on, plug the USB plug (see figure 1) into any USB Port that will provide power. Once power is applied the Center Button will begin to flash red (see figure 2) .

NOTE: USB Port must provide 5vdc for normal operation.

Figure 2

Center Button

Purple Center Button (Broadcast Mode) - This indicates that the module is set up to broadcast music on an Audio System and/or stream to additional dongle(s) from a mobile device (Apple or Android).
Red Center Button (Receive Mode) - This indicates that the module is set up to receive from another Audio Sharing Dongle.

Figure 3

Linking First Device

First, you must link the Primary Dongle to the Mobile Device. The Primary Dongle is identified with a green "Master" sticker. To do this you must:

1. Plug the dongle into a power source, using the USB Plug.
2. Once the dongle receives power the Center Button will begin to flash red.
3. Press and hold the Center Button until it begins to flash purple (see figure 3).
4. Once the Center Button starts flashing purple then search for bluetooth devices on your Mobile Device. Each dongle will have a name which is labelled on the back of the unit. Look for that name on your bluetooth device list.
5. Once found, pair the dongle to your Mobile Device.
6. Once pairing is complete the Center Button will change from a flashing purple to a solid purple.
7. Now, plug the 3.5mm Jack, provided on the dongle (see figure 1) into your Audio System Aux Input. Ensure that your Audio System is configured to play audio from the Aux Input.
8. Using the Mobile Device, play your desired music. Music should begin to play from the attached Audio System. Ensure that your phone's volume is turned up

Linking Additional Devices

Follow these instructions to add more dongles.

1. With the Primary Dongle playing music, plug an additional dongle into a power source, using the USB Plug.
2. Once the dongle receives power the Center Button will begin to flash red.
3. If there is already a primary dongle communicating with the Mobile Device then any additional dongles will automatically connect with the Primary dongle. Once this is accomplished, the Center Button will change from flashing red to solid red.
4. Once the connection is complete you can plug the 3.5mm Jack, provided on the dongle into your Audio System.
5. Repeat these steps for each dongle.

Audio Fine Tuning

1. Make sure that the Mobile Device's volume is adjusted to the maximum audio output.
2. Use the Audio System that the dongle is plugged into as the primary volume control.
3. Use the (+) or (-) buttons on the dongle (see figure 4) for fine tuning.
   If you notice that the sound is distorted then use the buttons on the dongle to adjust this.
   - (+) is used to adjust up
   - (-) is used to adjust down

NOTE: Even though these buttons will adjust the volume, they should only be used to fine tune the sound quality.

NOTE: Each time the dongle is powered off, this adjustment resets to a "centered" state.

Volume Control

Figure 4

Things to Remember

- The dongle with the purple Center Button is the Primary Dongle. This is the dongle that is communicating directly to the Mobile Device.
- There is approximately a 100' radius around the dongle for full operation.
- There is an unlimited number of dongles that can be supported. The only limitation is based on a signal range.
- Each dongle must have 5vdc for normal operation.
- The Primary Dongle can pair with either an Apple or Android Device.

Troubleshooting

- If the dongle and Mobile Device will not pair, even if your Mobile Device sees the dongle, you may have to "forget" the Dongle on the Mobile Device and re-scan for it. Be aware that your Mobile Device may try to pick up another dongle intended for Receive Mode instead of Broadcast Mode.
- When pairing more than one dongle, make sure that the Primary Dongle (purple Center Button) has sound coming out of the Audio System before attempting to add another dongle.