



HRRB1 "Herbie"

Fitting Instructions

1 **Disconnect your battery**

2 Once you have located and identified the speaker wires, two wires coming from each speaker, decide where you would like to place the HRRB1. Keep in mind that you will have the usb lead coming from the box to your powerbank and you will want to be able to connect and disconnect the powerbank easily, as connecting the powerbank turns the HRRB1 on and disconnecting turns it off. You will also need to remove the powerbank to recharge.

3 Wherever you decide to place the HRRB1 plan to cut the speaker wires accordingly, you can use the spare wire to help relocate where necessary.

4 Cut the speaker wire and remove around 5mm of the outer insulation, **place the two ends leading back to your car radio into the spare clips provided**, this will isolate the wires and make them available to reconnect to the original wiring if necessary.

5 Connect the wires from your speakers also with 5mm removed, into the clips on the HRRB1, using the extra wire where needed. Don't worry about which one goes where, it's just 2 going to the left speaker and 2 to the right speaker. If when you are playing music the sound doesn't create a central focal point i.e. stereo then they are out of phase. Just change one set of wires over, you should hear a difference straight away.

If you only have one central speaker you can connect using one wire connected to each side of the HRRB1 connectors. You will know if you have done this correctly as if it's wrong when you play music it will be scrambled! just swap **one** of the wires. In some cases the speaker maybe quite sensitive to this set up and you may get some buzzing at low volume, if you do you can go back and connect both speaker wires to one set of the HRRB1 connectors, this will eradicate the buzzing at low volume but you will then only get one channel. Another option could be to add a small speaker, maybe under the front seat, or dash, so you get both channels.

6 Once you have connected your speakers turn on Bluetooth on your phone,

7 Connect the micro usb to the HRRB1 and the usb end to the powerbank.

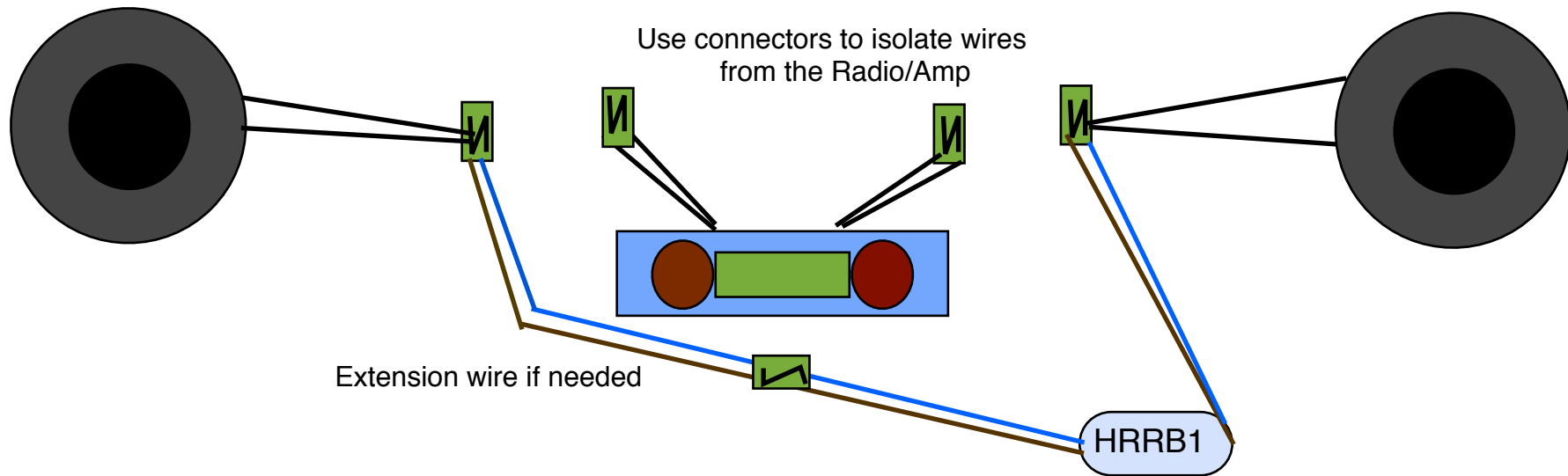
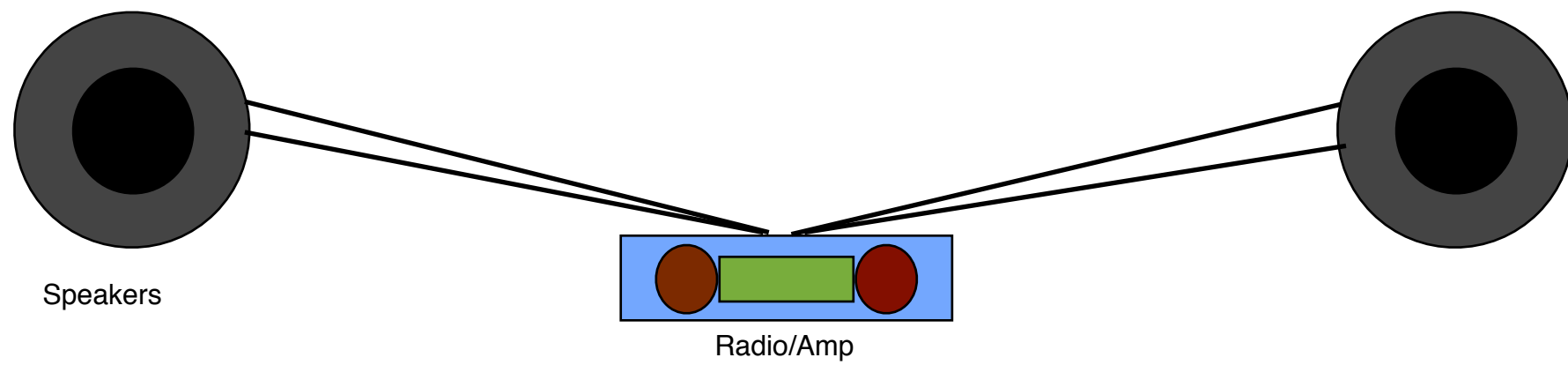
8 Search on your phone for new bluetooth device select **Xpecial Audio**. After connecting once you should be able to connect automatically in future.

9 Play some music. Make sure your music volume is around half way when you first play music and then increase the volume, hopefully you should be able to go to full volume without any problem.

10 Tidy up the wiring and tuck the HRRB1 out of the way. You may want to use a cable tie to hold it in place.

Don't forget to disconnect when not in use as the powerbank will go flat. When the powerbank is running out the music will start to cut out, just swap or recharge the powerbank.

The HRRB1 can be powered via a 5v usb powerpoint or you can have it professionally hard wired.



If the music breaks up at the highest volume it may be due to your speakers being lower than 3Ω . If this is the case please get in touch and we will send out two wired resistors, they just clip into the existing set up, this should resolve the problem.

The HRRB1 is a low power device and will not over power your original speakers.

If your original speakers have an audio transformer attached to them it may be necessary to wire the HRRB1 directly to the speaker or replace the speaker. If you are not 100% happy just reconnect the wires from your speakers to the clips you placed earlier and return everything else for a full refund.

