

Connecting the Manta+ or Trimeter with the BLUETOOTH Module

- (1) Connect Manta+ to Bluetooth Battery Module using underwater cable (or non-underwater PC data cable).
- (2) Follow instructions below depending on the type of display device you are connecting to:

TO CONNECT TO THE AMPHIBIAN2:

1. Power on the Amphibian2 Field PC.
2. Turn on the Manta Bluetooth Auxiliary Battery by pushing the button switch. You will see the LED begin flashing indicating that the unit is "ON".
3. Enable Bluetooth (BT) on the Amphibian2 by pushing the BT ICON on the main screen. Make sure the BT ICON turns green and says "Discoverable".
4. On the Amphibian2 main screen select "Settings", then "Connections", and then select the "Bluetooth" ICON (not the BT COM ICON). Delete any BT devices listed by pressing and holding, then select delete.
5. Select "Add New Device", select the Bluetooth ID of your Manta BT when it appears, then select "Next".
6. Enter the password, "1234", select 'Next", and the display will connect to your Manta BT. Select the Manta BT device, and put a checkmark on the serial port and then select "save".
7. Now select "COM Ports" at the top of the screen. Next select "New Outgoing Port", then your Manta BT will show up highlighted. Select "Next" from the bottom and use the drop down menu to select an available COM port, such as COM5. Once selected, select "Finish" and then "OK". Select "X" to return to main screen.
8. On the main screen, select "Amp_2_2_X" to launch the Manta control software. Upon connection, the blinking light on the Manta BT will turn solid. Once the software is running and the Amphibian2 is connected via the Manta BT, you should see data scrolling.
9. From now on when the Amphian2 is on, with Bluetooth enabled, and the Manta BT Battery is switched "ON", the Manta will be found on the previously-selected COM port, unless you change the settings.

TO CONNECT TO a "Classic Bluetooth" ANDROID DEVICE:

1. Install the Classic Bluetooth version of the software app **Manta Control Software™** from *Google Play Store*, or the software can be downloaded at www.waterprobes.com under Support/Software tabs.
2. Power up the BT Module.
3. For the initial pairing of the BT module to the display device, go to "MORE" (Smartphone), or "⋮" (tablet) and select "Android", "Scan Filter". Clear any settings in field, Select "OK"
4. Go to the "Bluetooth SETTINGS" on the display device and select the Bluetooth ID of your Manta BT. The device IDs for Classic Bluetooth have normally had the format "Manta2xxx" or "MantaEDRXXXX". NOTE: Do not select the address with format MantaBLExxxx for Classic Bluetooth utilities, as the hardware and firmware of Low Energy Bluetooth (discussed below) is NOT compatible with Classic Bluetooth and will interfere with making this device connection.
5. Enter the password "1234".
6. Once the password is accepted, the devices are paired, and you should now see scrolling data.

Note: Subsequent connections to the same BT module do not require this process as it will automatically pair.

TO CONNECT TO "Bluetooth Low Energy (BLE)" devices, including the iPhone:

1. Install the **MantaLink™** application from the Apple App Store.
2. Click "Tap to Connect".
3. On the *Nearby Devices* screen select your Manta BT device, which normally has had a Bluetooth ID with format "MantaBLEXXXX". The Main Screen will open with current data.

For support questions you may email Eureka Water Probes at support@waterprobes.com or phone Customer Support 512-302-4333 Ext 1111.

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