Connect to your vehicle using Bluetooth! This data link module allows you to skip the telemetry radio and use your Android device’s Bluetooth capabilities with DroidPlanner or Andropilot to perform mission planning and pre-flight setup.

Safety note: This module is for ground use only. It is not a replacement for an RC transmitter and receiver for in-flight vehicle control. The range of the connection is limited to standard Bluetooth range (50 m).

Connect

Select the cable for your autopilot, and connect the black connector to the pins on the Bluetooth module with the red wire connected to the pin marked VCC.

For Pixhawk, connect the six-position connector to the TELEM1 or TELEM2 port. For APM, connect the five-position connector to the Telem port.
Mount

Use double-sided foam tape or other method to mount the Bluetooth module securely to your vehicle.

Bind to Android device

These instructions will show you how to use the Bluetooth module with DroidPlanner 2 and a Nexus 7 Android tablet. This process will also work with Andropilot and any Bluetooth-compatible Android device.

Select the Bluetooth settings on your Android device. Turn Bluetooth connectivity ON.

Power your vehicle, and wait for the module to appear under AVAILABLE DEVICES. Select the device when it appears. Here, it displays as HC-06.

Enter 1234 as the PIN and select OK.

The device will appear under PAIRED DEVICES.
Open DroidPlanner’s settings, and select Telemetry Connection Type.

Select Bluetooth.

Now you’re ready to connect. In the main DroidPlanner interface, select Connect, and select the paired Bluetooth device.

When live data appears on the screen, you’re ready to start mission planning.

Specs

Dimensions : 1.4” x 0.6” x 0.17”
Weight 9.6 g (0.3 oz)
Operation voltage: 3.6 to 6 V
I/O level: 3.3 V
Typical -80dBm sensitivity
Up to +4dBm RF transmit power
UART interface with programmable baud rate
Default baud rate: 57600

Supported baud rates: 9600, 19200, 38400, 57600, 115200, 230400, 460800
Pairing code: 1234
Auto-connect to the last device on power as default
Permit pairing device to connect as default
Integrated antenna
Range: 50 m