

X1C5 Plus portable APRS tracker Manual



X1C5 Pro is a handheld Automatic Position Reporting System using built-in GPS via Radio link/WiFi/Bluetooth to report position over internet or to APRS devices.

Features:

1.8-inch color LCD

Support fixed station FIXED, sports SPORT, 2 site modes

Support complete TRACK tracker, support intelligent, timing, PTT linkage, queue beacon

Support beacon additional information, mileage, satellite number, voltage, temperature, air pressure, etc.

Support mileage calculation, support accumulated mileage or automatically clearance

Support for automatic icons (TRACK smart mode)

Support GPS power saving mode (TRACK PTT linkage mode, TRACK timing mode)

Integrated 2.0+4.0 dual mode Bluetooth,

Support Bluetooth output KISS hex, UI, GPWPL, KISS ASC, GS232B and other protocols
Support Bluetooth output GPS data (GPRMC+GPGGA), support mixed output
Support Bluetooth KISS data bidirectional transparent transmission
Support full DIGI relay function, support custom relay name, support relay remote turn-off function
Support remote control peripheral sensor input and relay output module

Built-in advanced CMX programming algorithm
Built-in transmit level, receive level adjuster (-10.5dB -0dB)
Built-in high performance GPS\Beidou\GLONASS multimode hybrid positioning module

Built-in advanced algorithm to support rich data analysis
Support heading, north position, relative motion position calculation
Support APRS distance, elevation target calculation, support G5500 aircraft, vessel and other tracking control
Companion PC setup software (Chinese, English) (requires .NET 4.0)

UHF or VHF options, 1W RF output
Support battery USB direct charging
Support comprehensive GPS interface, beacon list interface, real-time beacon interface, beacon record analysis interface
Built-in temperature\pressure auxiliary sensor (temperature & air pressure values for reference only)
Support off-network use, no network, direct mutual positioning
Support liuyun, APRSdroid, LOCUS, Ovi and other APP
Support user independent firmware upgrade

Various information can be displayed on the colorful screen.



Weight: 100 G (battery included)

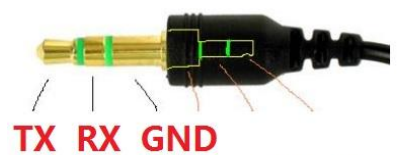
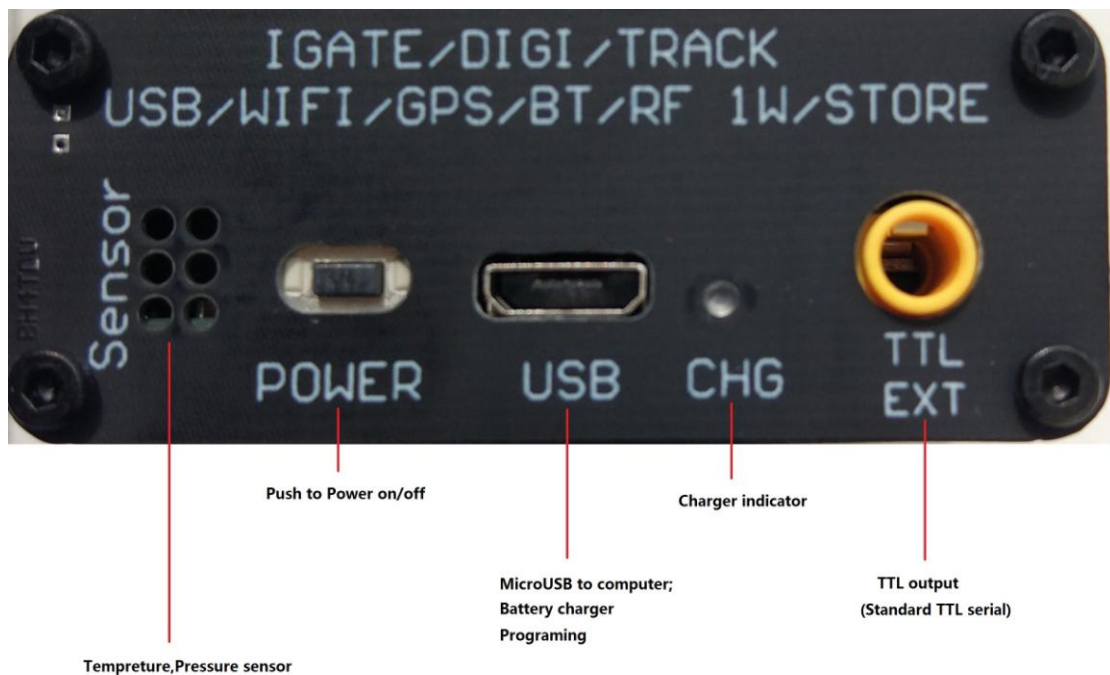
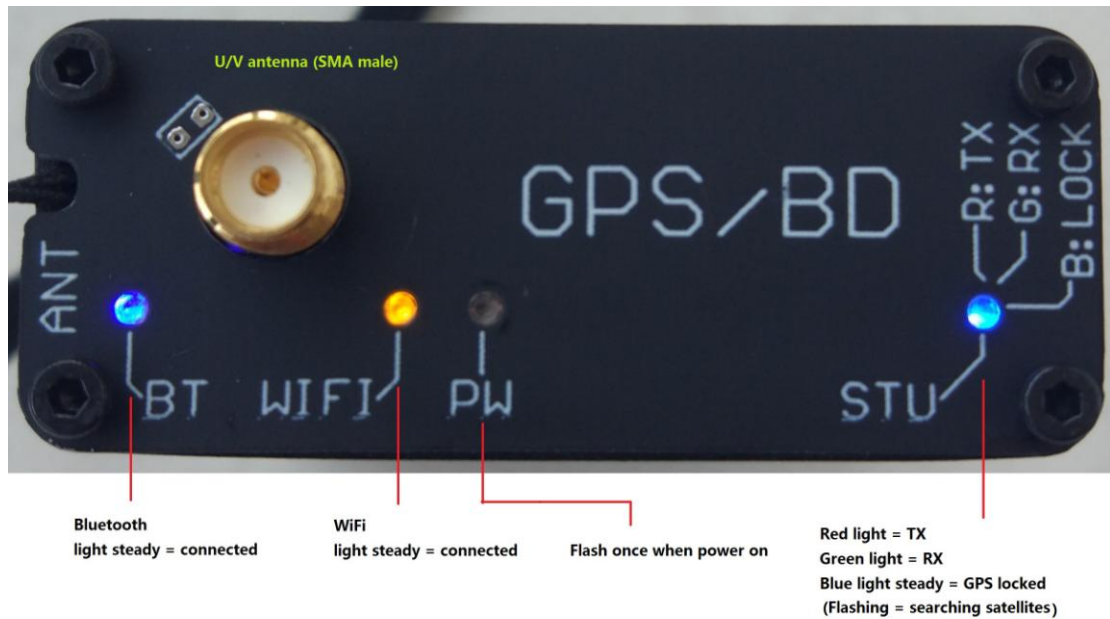
Dimensions: 88 x 50 x 20 mm (antenna excluded)

Note: Typical GPS locking time is 1 – 5 minutes, please use the tracker outside!

Do not use it under the water!

Turn off the RF module if you only use WiFi to report position, as RF module causes heat!

Operating:



TTL EXT
3.5mm stereo

PUSH Buttons operation:

F1 Switching Mode: GPS - List - Detailed Beacon

F2 F3 Switch GPS interface (In GPS mode)

F2 F3 Up and Down Switching (In List mode)

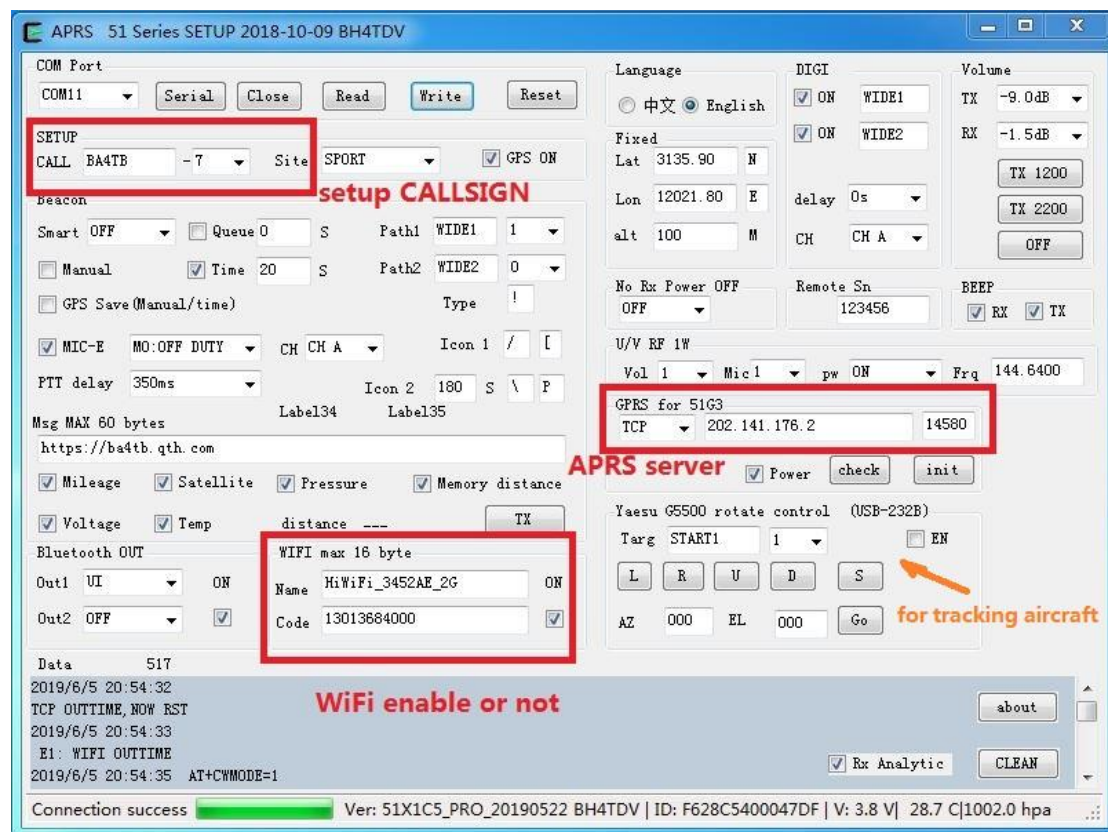
Software settings:

1, Power on the tracker.

2, Connect the USB cable between tracker and computer.

3, Install USB driver – CH341 chip and find the correct COM port.

4, Use APRS 51Series Setup(version number).exe to program the tracker.



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