

# Operation Principle

## Multi-function GPS Portable Navigation Device-80T

1. BlueTooth
  - a. BC04 ROM
  - b. Communication interface: UART
  - c. Frequency: 2402-2480MHz
  - d. 26MHz crystal
  - e. Power supply:3.3V
  - f. Built-in high-performance 2.4GHz chip antennas.
2. GPS
  - a. 32-channel GPS baseband with hardware match filter
  - b. Operating Frequency : 1575.42MHz
  - c. 16.367667MHz/+/-0.5PPM crystal
  - d. Power supply:3.3V
  - e. Built-in active ceramic antenna
3. WiFi
  - a. High speed for wireless LAN connection: IEEE802.11b/g up to 54Mbps data rate by incorporating Direct Sequence Spread Spectrum (DSSS) and OFDM data modulation.
  - b. Operating Frequency: 2402-2480MHz
  - c. Power supply:3.3V
  - d. Communication interface: SDIO (1bit and 4 bit)
  - e. Built-in high-performance 2.4GHz chip antennas.