GPS Stream (ATAK)

Stratos Tactical GPS Altimeter · https://deepandsteep.io/knowledge/stratos-gps-stream-atak/

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The Stratos can stream its GPS position live to a phone over Bluetooth. A phone app that supports the Stratos GPS stream can show your position on a map. ATAK plugins can be made to use this data.

Turning On the GPS Stream

1. From the Home screen, press the down button twice to open the Connect screen, and press the center button.
2. Select **GPS Stream** to change it to **On**. The Stratos shows **Wait a moment** while it gets ready.
3. Check that the Connect screen shows **GPS Stream** and the Bluetooth name of your Stratos.

[Stratos Connect menu: saved devices ENGO 2, Str52707 and SLink31904, an empty -new- row, Auto ENGO 2, and GPS Stream Off]

Connect menu

[Stratos Connect screen headed GPS Stream, showing Name Str48213]

Streaming

Connecting Your Phone

In the phone app, connect to your Stratos by its Bluetooth name, shown on the Connect screen: `Str` and five digits, for example **Str48213**. The steps depend on the app.

What Is Sent

While the Stratos has a GPS fix, it sends about once a second your position, ground speed, altitude above sea level and the number of satellites in use. It does not send the direction of travel (heading).

While Streaming

- The stream keeps running through the jump and after landing, until you turn it off.
- The GPS stays fully on the whole time, so the Stratos uses more battery.
- The GPS stream is the only wireless connection: the Stratos cannot also connect to HUD glasses, a Soundlink or a Stratos with G-Serve firmware. Turning the stream on ends a G-Serve link, and starting App Connect ends the stream. See Wireless Connectivity and Saved Devices.
- Turning the Stratos off or restarting it turns the stream off.

Turning Off the GPS Stream

From the Connect screen, press the center button, and select **GPS Stream** to change it to **Off**.