

holybro-ist8310-compass-orientation.md

> For the complete documentation index, see `llms.txt` (<https://docs.holybro.com/llms.txt>). Markdown versions of documentation pages are available by appending `.md`` to page URLs; this page is available as Markdown (<https://docs.holybro.com/gps-and-rtk-system/f9p-h-rtk-series/ardupilot-ist8310-compass-orientation.md>).

Ardupilot IST8310 Compass Orientation

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For any Holybro GPS Module with IST8310 compass, if you are unable to perform normal compass calibration "compass dance" for any reason, set parameter `COMPASS_ORIENT=6` (Yaw270) for proper compass orientation.

Agent Instructions

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Querying This Documentation

If you need additional information that is not directly available in this page, you can query the documentation using the following mechanism:

Perform an HTTP GET request on the current page URL with the ``ask`` query parameter, and the optional ``goal`` query parameter:

```

GET https://docs.holybro.com/gps-and-rtk-system/f9p-h-rtk-series/ardupilot-ist8310-compass-orientation.md?ask=``ask``

```

``ask`` is the immediate question: it should be specific, self-contained, and written in natural language.

``goal`` is optional and describes the broader end goal you are ultimately trying to accomplish on behalf of the user.

The response will contain a direct answer to the question and relevant excerpts and sources from the documentation.

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