

Disclaimer

The TOPODRONE UAV PPK UPGRADE Kit receivers are high-precision geodetic measuring instruments. When operating the geodetic receiver, it is strongly recommended to handle it with care and caution to extend the service life of the TOPODRONE UAV PPK UPGRADE Kit. All product parameters, recommendations, limitations, field procedures, and data post-processing methods are described in this document and in the instructions for the [TOPODRONE Post Processing](#) software.

 It is **PROHIBITED** to operate the TOPODRONE UAV PPK UPGRADE Kit in any way not specified or described in the "User Manual" or the "Operational Guidelines".

 It is **PROHIBITED** to subject the TOPODRONE UAV PPK UPGRADE Kit to impact or vibration, especially when the device is on: dropping, hitting, scratching, tossing, shaking, knocking, etc.

 It is **PROHIBITED** to place the TOPODRONE UAV PPK UPGRADE Kit in direct sunlight, in poorly ventilated areas, or near a heat or cold source.

 It is **PROHIBITED** to fully or partially submerge the TOPODRONE UAV PPK UPGRADE Kit in water, or expose the product to heavy rain, snow, sand, or dust for extended periods. The TOPODRONE UAV PPK UPGRADE Kit is not structurally protected against moisture or dust ingress; therefore, using the equipment in humid (above 90%) or dusty environments may lead to malfunction, performance degradation, or corrosion processes, potentially causing device failure.

 It is **PROHIBITED** to insert foreign objects into the memory card slot, LEMO 6-Pin connector, or external GNSS antenna connector, nor to insert the memory card upside down, or attempt to connect incompatible connectors to the LEMO 6-Pin or antenna port.

 It is **PROHIBITED** to insert or remove the MicroSD memory card while the TOPODRONE UAV PPK UPGRADE Kit is operating, as this may damage the card and/or lead to data loss. To safely remove the MicroSD memory card, power off the device and wait for it to shut down.

 It is **PROHIBITED** to connect to the LEMO 6-PIN connector with incorrect pinout or voltage/current characteristics not described in this manual.

 It is **PROHIBITED** to open the external cover of the TOPODRONE UAV PPK UPGRADE Kit.

 When the TOPODRONE UAV PPK UPGRADE Kit is not in use, it is recommended to store the device indoors, at a relative humidity not exceeding 40% and a temperature of $20\pm5^{\circ}\text{C}$.

 If moisture gets onto the TOPODRONE UAV PPK UPGRADE Kit during operation due to rain, snow, or fog, wipe it with a clean, dry paper or microfiber cloth. Then leave it in a dry room for an hour to dry completely. After that, place the TOPODRONE UAV PPK UPGRADE Kit in its storage or transport location. For long-term storage, a small silica gel packet can be used to absorb moisture.

 The TOPODRONE UAV PPK UPGRADE Kit operates using PPK technology and requires GNSS data from a base station for the duration of its operation for data post-processing.

 To obtain correct data from the TOPODRONE UAV PPK UPGRADE Kit, a quality GNSS signal is required during operation, for both the geodetic receiver and the base station.

 In the event of intentional or accidental violation of any of the requirements described above, the manufacturer does not guarantee the functionality of the TOPODRONE UAV PPK UPGRADE Kit.

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