Operating instructions



Omegon® EQ370DX Mount

Version 08.2026, Art.-Nr. 87318

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WARNHINWEIS - WARNING NOTE - ATTENTION - ADVERTENCIA - AVVERTENZA



Vorsicht bei Sonnenlicht: Blicken Sie mit dem Teleskop niemals ohne Sonnenfilter in die Sonne. Gefahr einer bleibenden Augenschädigung bis hin zur Erblindung. **Solar Warning:** Never look at the sun with the telescope without a solar filter. Risk of permanent eye damage or even blindness. **Avertissement solaire:** ne regardez jamais le soleil avec le télescope sans filtre solaire. Risque de lésions oculaires permanentes pouvant aller jusqu'à la cécité. **Advertencia sobre la luz solar:** nunca mire al sol con el telescopio sin un filtro solar. Riesgo de lesiones oculares permanentes o incluso ceguera. **Avvertenza sulla luce solare:** non guardare mai il sole con il telescopio senza un filtro solare. Rischio di danni permanenti agli occhi o addirittura di cecità. **Внимание при слънчева светлина:** Никога не гледайте слънцето с телескопа без слънчев филтър. Риск от трайно увреждане на очите или дори слепота. **Forsigtig i sollys:** Kig aldrig på solen med teleskopet uden et solfilter. Risiko for permanent øjenskade eller endda blindhed. **Ettevaatust päikesevalguses:** Ärge kunagi vaadake teleskoobiga päikest ilma päikesefiltrita. Püsiva silmakahjustuse või isegi pimeduse oht. **Varoitus auringonvalossa:** Älä koskaan katso aurinkoa kaukoputkella ilman aurinkosuodatinta. Pysyvän silmävaurion tai jopa sokeutumisen vaara. **Προσοχή στο ηλιακό φως:** Ποτέ μην κοιτάτε τον ήλιο με το τηλεσκόπιο χωρίς ηλιακό φίλτρο. Κίνδυνος μόνιμης βλάβης των ματιών ή ακόμη και τύφλωσης. **Bí cúramach le solas na gréine:** Ná féach ar an ghrian leis an teileascóp gan scagaire gréine. Riosca damáiste buan súl agus fiú daille. **Budite oprezni sa sunčevom svjetlošću:** Nikada ne gledajte u sunce teleskopom bez solarnog filtra. Rizik od trajnog oštećenja oka, pa čak i sljepoće. **Uzmanību saules gaismā:** Nekad neskatieties uz sauli ar teleskopu bez saules filtra. Pastāv pastāvīga acu bojājuma vai pat akluma risks. **Atsargiai saulės šviesoje:** niekada nežiūrėkite į saulę teleskopu be saulės filtro. Kyla nuolatinio akių pažeidimo ar net apakimo pavojus. **Oqgħod attent bid-dawl tax-xemx:** Qatt ma tħares lejn ix-xemx bit-teleskopju mingħajr filtru solari. Riskju ta 'ħsara permanenti fl-għajnejn u anke għama. **Let op bij zonlicht:** Kijk nooit naar de zon met de telescoop zonder zonnefilter. Risico op blijvend oogletsel of zelfs blindheid. **Ostrożnie w świetle słonecznym:** Nigdy nie patrz na słońce przez teleskop bez filtra słonecznego. Ryzyko trwałego uszkodzenia wzroku, a nawet ślepoty. **Atenção à luz solar:** Nunca olhar para o Sol com o telescópio sem um filtro solar. Risco de lesões oculares permanentes ou mesmo cegueira. **Atenție la lumina soarelui:** Nu vă uitați niciodată la soare cu telescopul fără un filtru solar. Risc de afectare permanentă a ochilor sau chiar orbire. **Försiktighet i solljus:** Titta aldrig på solen med teleskopet utan solfilter. Risk för bestående ögonskador eller till och med blindhet. **Upozornenie pri slnečnom svetle:** Nikdy sa nepozerajte na Slnko teleskopom bez slnečného filtra. Hrozí trvalé poškodenie zraku alebo dokonca oslepnutie. **Previdnost pri sončni svetlobi:** Nikoli ne glejte v sonce s teleskopom brez sončnega filtra. Obstaja nevarnost trajnih poškodb oči ali celo slepote. **Pozor na slunečním světle:** Nikdy se nedívejte do Slunce dalekohledem bez slunečního filtru. Hrozí trvalé poškození očí nebo dokonce oslepnutí. **Vigyázat napfényben:** Soha ne nézzen a napba a távcsővel napszűrő nélkül. Maradandó szemkárosodás vagy akár vakság veszélye.



Achtung! Nicht geeignet für Kinder unter 3 Jahren. Erstickungsgefahr, enthält Kleinteile. Gebrauch durch Kinder bis 14 Jahren nur unter Aufsicht eines Erwachsenen. **Warning!** Not suitable for children under 3 years. Contains small parts, choking hazard. For use by children under 14 years of age only under adult supervision. **Attention !** Ne convient pas aux enfants de moins de 3 ans. Contient de petites pièces, risque d'étouffement. Utilisation par des enfants de moins de 14 ans uniquement sous la surveillance d'un adulte. **Attenzione!** Non adatto a bambini di età inferiore a 3 anni. Rischio di soffocamento, contiene piccole parti. Da utilizzare solo da bambini di età inferiore ai 14 anni sotto la supervisione di un adulto. **Advertencia !** No apto para niños menores de 3 años. Peligro de asfixia, contiene piezas pequeñas. Para uso exclusivo de niños menores de 14 años bajo la supervisión de un adulto. **Внимание!** Не е подходящ за деца под 3 години. Опасност от задушаване, съдържа малки части. Да се използва от деца под 14 години само под надзора на възрастни. **Forsigtig!** Ikke egnet til børn under 3 år. Kvælningsfare, indeholder små dele. Må kun bruges af børn under 14 år under opsyn af en voksen. **Ettevaatust!** Ei sobi alla 3-aastastele lastele. Hukkumisoht, sisaldab väikesi osi. Kasutamiseks alla 14-aastastele lastele ainult täiskasvanu järelevalve all. **Varoitus!** Ei sovellu alle 3-vuotiaille lapsille. Tukehtumisvaara, sisältää pieniä osia. Alle 14-vuotiaiden lasten käyttö vain aikuisen valvonnassa. **Προσοχή!** Ακατάλληλο για παιδιά κάτω των 3 ετών. Κίνδυνος πνιγμού, περιέχει μικρά μέρη. Για χρήση από παιδιά κάτω των 14 ετών μόνο υπό την επίβλεψη ενηλίκων. **Contúirt!** Níl sé oiriúnach do leanaí faoi 3 bliana. Guais tachtadh, tá codanna beaga. Úsáid ag leanaí suas go dtí 14 bliana d'aois amháin faoi mhaoirseacht aosach. **Opasnost!** Nije prikladno za djecu mlađu od 3 godine. Opasnost od gušenja, sadrži male dijelove. Djeca do 14 godina koriste samo uz nadzor odrasle osobe. **Uzmanību!** Nav piemērots bērniem līdz 3 gadu vecumam. Aizrīšanās risks, satur sīkas detaļas. Bērni līdz 14 gadu vecumam drīkst lietot tikai pieaugušo uzraudzībā. **Atsargiai!** Netinka jaunesniems nei 3 metų vaikams. Pavojus užspringti, yra smulkių dalių. Naudoti jaunesniems nei 14 metų vaikams tik prižiūrint suaugusiesiems. **Periklu!** Mhux adattat għal tfal taħt it-3 snin. Periklu ta' fgar, fih partijiet żgħar. Użu minn tfal sa 14-il sena biss taħt is-superviżjoni ta' adulti. **Let op!** Niet geschikt voor kinderen jonger dan 3 jaar. Gevaar voor verstikking, bevat kleine onderdelen. Gebruik door kinderen jonger dan 14 jaar alleen onder toezicht van een volwassene. **Uwaga!** Nieodpowiednie dla dzieci w wieku poniżej 3 lat. Zagrożenie zadławieniem, zawiera małe części. Do użytku przez dzieci poniżej 14 roku życia wyłącznie pod nadzorem osoby dorosłej. **Atenção!** Não é adequado para crianças com menos de 3 anos. Perigo de asfixia, contém peças pequenas. Para utilização por crianças com menos de 14 anos de idade apenas sob a supervisão de um adulto. **Atenție!** Nu este potrivit pentru copii sub 3 ani. Pericol de sufocare, conține piese mici. Utilizat de copiii sub 14 ani numai sub supravegherea unui adult. **Varning och försiktighet!** Ej lämplig för barn under 3 år. Risk för kvävning, innehåller smådelar. Får endast användas av barn under 14 år under uppsikt av vuxen. **Pozor!** Nevhodné pre deti do 3 rokov. Nebezpečenstvo udusenia, obsahuje malé časti. Na použitie deťmi do 14 rokov len pod dohľadom dospelej osoby. **Pozor!** Nevhodné pre deti do 3 rokov. Nebezpečenstvo udusenia, obsahuje malé časti. Na použitie deťmi do 14 rokov len pod dohľadom dospelej osoby. **Pozor!** Nevhodné pro děti do 3 let. Nebezpečí udušení, obsahuje malé části. Používat dětmi do 14 let pouze pod dohledem dospělé osoby. **Vigyázat!** 3 év alatti gyermekek számára nem alkalmas. Fulladásveszélyes, apró részeket tartalmaz. 14 év alatti gyermekek csak felnőtt felügyelete mellett használhatják.

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Omegon® EQ 370DX Mount

Congratulations on the purchase of the new Omegon® EQ 370DX Mount. This mount will give you hours of fun. It is the ideal companion for astrophotography and visual observations. From simple operation via hand controller to full imaging setup with computer control this mount does it all.

The many features of this mount mean that this manual is longer than usual. We recommend that you go to the assembly section first, assemble the telescope and set the mount up mechanically. Then go to the section about the ONSTEP telescope controller. During the initial setup of the Onstep you will encounter some unclear graphics and mount behaviour. The reason for this is not malfunction, but the fact that the mount does not know which direction button does what until it is setup and aligned. You can find a list of the graphics that you might encounter in the troubleshooting section at the end of this manual. We recommend making a short rough one-star alignment first. Then followed by a more precise alignment with 2 or 3 stars later to improve pointing accuracy.

The Omegon® EQ 370DX Mount is a powerful tool. You should take the time to familiarize yourself with the mount and its controls during the day, so that no precious time is wasted under the clear sky. You can do a rough alignment by verifying the alignment star after a look on your astronomy app or planisphere and then check the many options your mount is offering you.

The manual is based on the factory default specifications. Therefore, some specifications or appearance of your mount may be different. This manual is subject to change without prior notice. The manual can still be used as a guide when there are differences in appearance or structure but no substantial differences in function or the use methods. To ensure proper use of the mount, please read this user manual carefully before starting to use it under the night sky.

The EQ 370DX mount is a lightweight mount but with a high payload capacity and high precision.

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Please install and use the mount in strict accordance with the steps and precautions reminded in this manual, operators shall be responsible for any damage to the equipment or personal injury caused by improper operation.


Ensure the mount's time, coordinates, and home position are properly set before use. Incorrect settings can cause GOTO errors or equipment collisions.


After installation, carefully check for any interference. Collisions can damage components, causing malfunctions or accuracy issues. Unplug immediately if interference or emergencies occur.


Please be careful when you carry, assemble or disassemble the mount and other heavy components and other equipments used on the mount. Or it may cause damage to the equipments or even personal injury.


Please ensure the entire setup is placed on a stable, flat surface and confirm the tripod has enough capacity and support area to prevent tipping, which could cause equipment damage or personal injury.


If there are children around when using, please pay attention to protecting their safety


Do not wipe the surface with corrosive liquid. Avoid water immersion and exposure to rain.


Unauthorized disassembly is strictly prohibited. Any self-disassembly will result in the warranty being voided.

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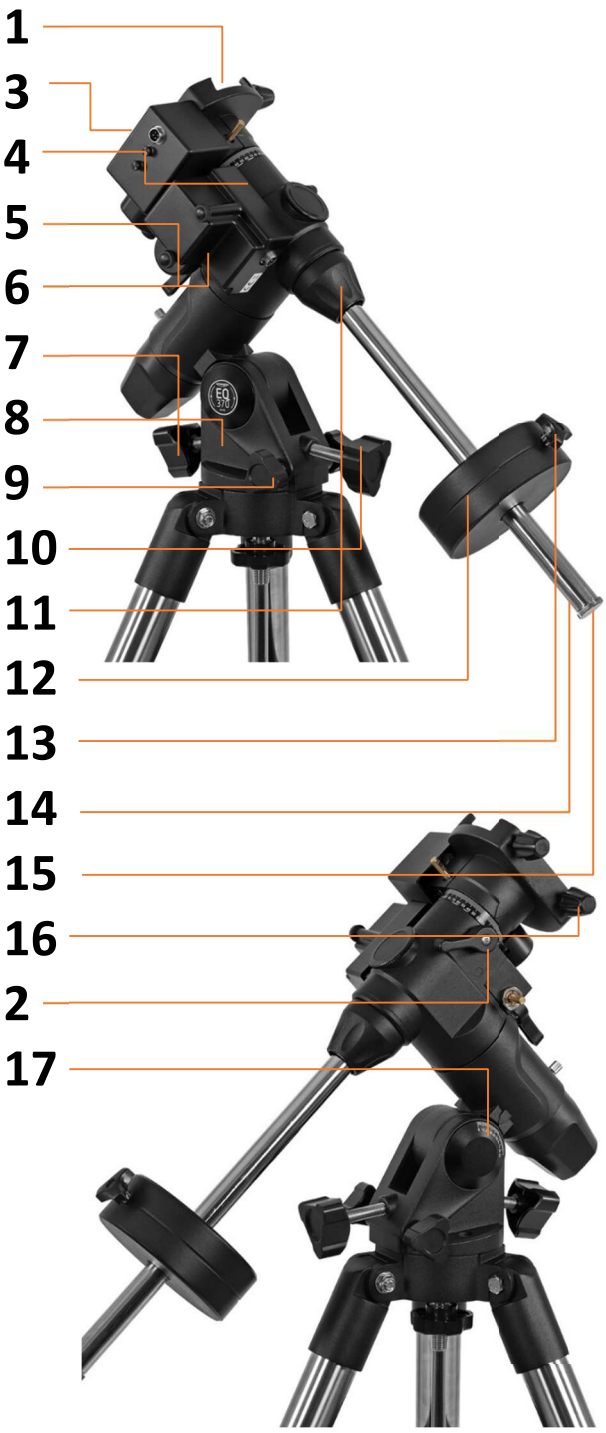
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Components and Installation



1. Dovetail
2. DEC axis lock
3. DEC motor
4. DEC housing
5. RA lock
6. RA motor socket
7. Back altitude fine adjustment
8. Mount base
9. Azimut fine adjustment
10. Front altitude fine adjustment
11. Counterweight bar interface
12. Counterweight
13. Counterweight lock screw
14. Counterweight bar
15. Counterweight security Screw
16. Telescope dovetail locking screw
17. Altitude scale

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When you start to set up your new Omegon EQ370DX, remove the tripod from the box, spread the legs and put it onto a level ground. The EQ 370DX can be mounted onto the included tripod using the center locking bolt. Place the mount on top of the tripod and screw the Tripod center locking bolt (18) into the mount from below, using the Mount locking knob (17). Now insert the azimuth and altitude adjustment screws (7/9/10) into their respective threads. Lock the azimut screws with just a little force. Adjust the altitude with the back screw (7) until the indicator points to the geographical latitude of your observing site. Lock the position with the front altitude fine adjustment screw (10). Remove the spreader bar locking knob (20). Now slide the spreader bar (24) over the tripod center locking bolt and align the three legs of the spreader bar with the three legs of the tripod. Reinsert the spreader bar locking knob (20) and tighten it, securely clamping the spreader bar and the tripod legs together.



18. Mount locking knob

19. Tripod center locking bolt

20. Spreader bar locking knob

21. Tripod leg

22. Tripod leg adjustment locks

23. Tripod tips

24. Spreader bar

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Quick Overview

Install equipment

↓

Set time and coordinates

↓

Set home position

↓

Polar alignment

↓

Select target and Goto

↓

Using Target Calibration

↓

Enjoy the night



⚠ **Ensure the site coordinates, time, and home position are set correctly to avoid GOTO errors or equipment collisions.**

⚠ For OnStep, South latitude & East longitude (-), North latitude & West longitude (+);

UTC: East of the prime meridian (-), West (+)

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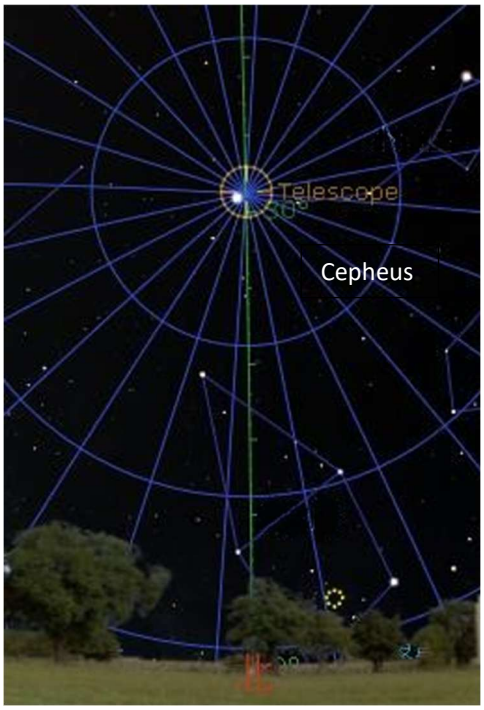
Home position

The home position is shown in the diagram below. This is the position the mount should be in before power-off or should be reset manually after each power-on. The optical tube assembly is pointing parallel to the RA axis, and the edge of the Dec motor cover is level. In this position the counterweight shaft is pointing directly to the ground.

Ensure the site coordinates, time, and home position are set correctly to avoid GOTO errors or equipment collisions.

For OnStep, South latitude & East longitude (-); North latitude & West longitude (+); UTC: East of the prime meridian (-), West (+),





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Precise alignment of polar axis

For astrophotography, polar calibration can be completed through plate solving, using a camera and an external computer with appropriate software, such as N.I.N.A. If a computer is not available at the observation site, traditional methods such as the drift alignment method can be applied.

Cable Connections

Omegon EQ370DX has two sets of cable ports, located on the RA motor cover and the DEC motor cover of the mount. Insert and secure the cables from the handbox that are designated RA and Dec respectively.

Do not connect two astronomical control devices simultaneously (such as any PC, astronomy box, or Mini PC).

Power connection method

EQ 370DX features an DC 12V ports. To power up the mount connect it to a power supply with 12V. It is a low voltage connector 2.1/5.5mm with + on the inner connector.

USB cable connection

Omegon EQ370DX has an USB port, capable of connecting the mount to a control device (such as a PC, astronomy box, Mini PC).

Do not connect the mount through any USB hub.

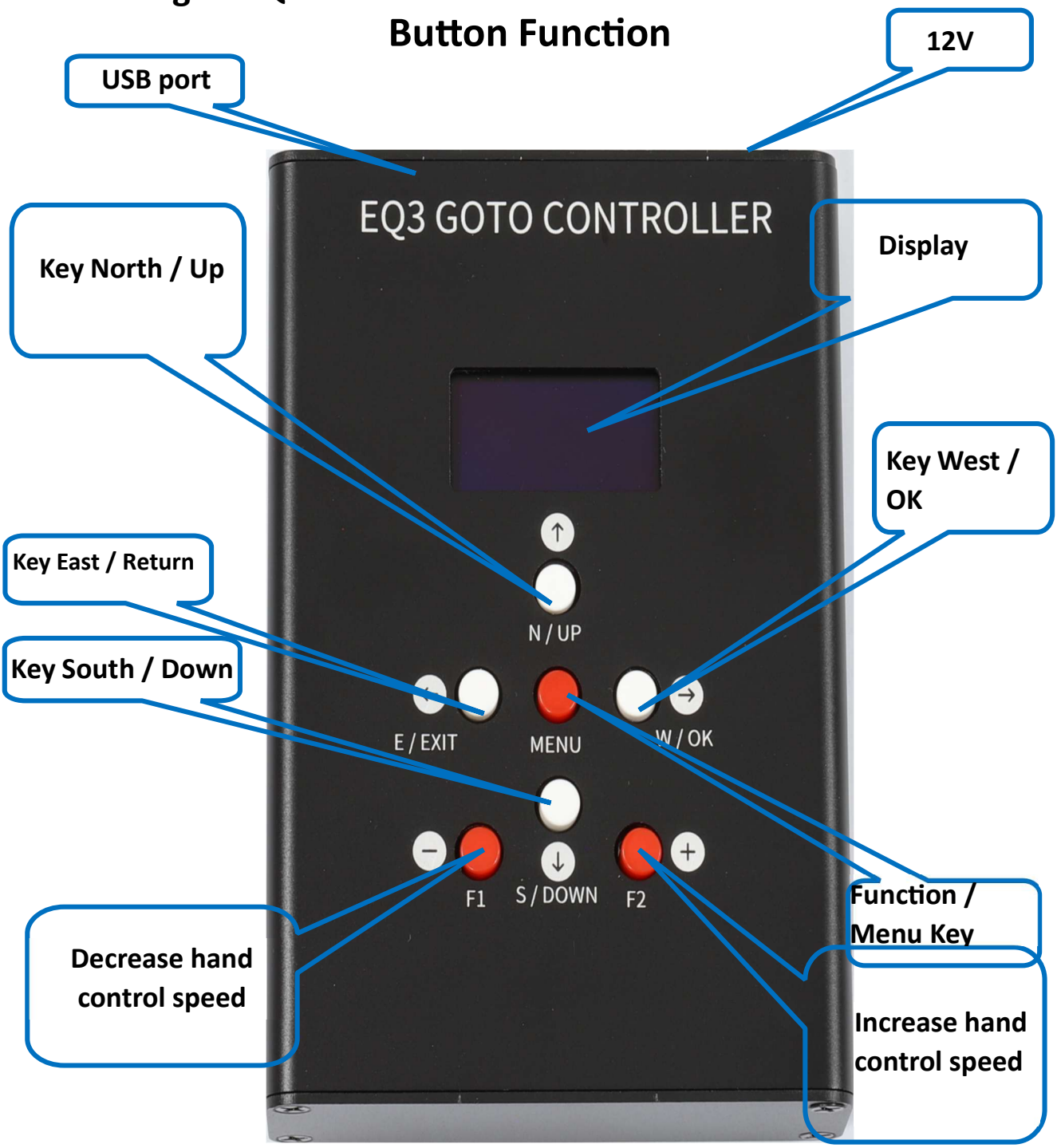
Keep the hand controller connected to the mount even when not in use or inquire about firmware options to disable its function.

Do not plug and unplug the motors while the mount is powered on!

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Omegon EQ370DX Hand Controller
Button Function



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For safety, the hand controller defaults to a low speed (20X) upon startup. Press 'F' to increase the speed.

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EQ370DX Hand Controller

Function Button

Function Button – the red button in the middle of the direction buttons is used to switch menus. Press this button to move from the regular display content as it is shown on startup to the menus where you can control the telescope, select targets and align your setup.



1. **Short Press = switching display information**
2. **Long Press = entering Main Menu**
3. **Double Click = Feature Menu**

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EQ370DX Hand Controller

Button Function

1. North when tracking

2. Scroll Up while in Menus

1. South when tracking

2. Scroll Up while in Menus



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N and S Button Note

Near the celestial pole, the N and S buttons may behave unexpectedly. This is normal. The system always tries to move North when you press the N button. If it can't, it will move South until you release the button.

Tip: This behavior is expected near the pole and will make more sense with practice. In the Southern Hemisphere, this will be reversed.

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EQ370DX Hand Controller

Button Function

1. West when tracking
2. Select current option while in Menus



1. East when tracking
2. Back while in Menus

Refer to the OnStep website for detailed menus and usage instructions.
https://onstep.groups.io/g/main/wiki/28605

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Common status icons for the Hand Controller


Alignment Star #1


Alignment Star #2 (#3 thru #8 not shown)


Alignment Star #9 (last possible)


Telescope is at home position. Tracking is OFF


Unknown error. Tracking has stopped


Telescope position exceeds user defined Meridian limit. Tracking has stopped


Telescope position exceeds user defined RA limits "Under Pole". Tracking has stopped


Telescope position exceeds user defined Azimuth limits. Tracking has stopped


Telescope position exceeds user defined Declination limit. Tracking has stopped


Telescope limit sensed. Tracking has stopped


Telescope position exceeds user defined Horizon or Overhead limit. Tracking has stopped


Motor fault. Tracking has stopped


East side of pier. Declination is between 90 and -90


West side of pier. Declination is between 180 and 90 or -90 and -180


PEC, paused

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PEC, recording


PEC, playing


Telescope is slewing


Lunar Tracking rate is selected


Solar Tracking rate is selected


King Tracking rate is selected


Sidereal Tracking rate is selected


Sidereal Tracking, refraction compensated (RA-axis only)


Sidereal Tracking, refraction compensated (Dual-axis)


Sidereal Tracking, refraction and pointing model compensated (Full)


Sidereal Tracking, refraction and pointing model compensated (Full, Dual-axis)


Tracking is OFF


Telescope is guiding


Park failure

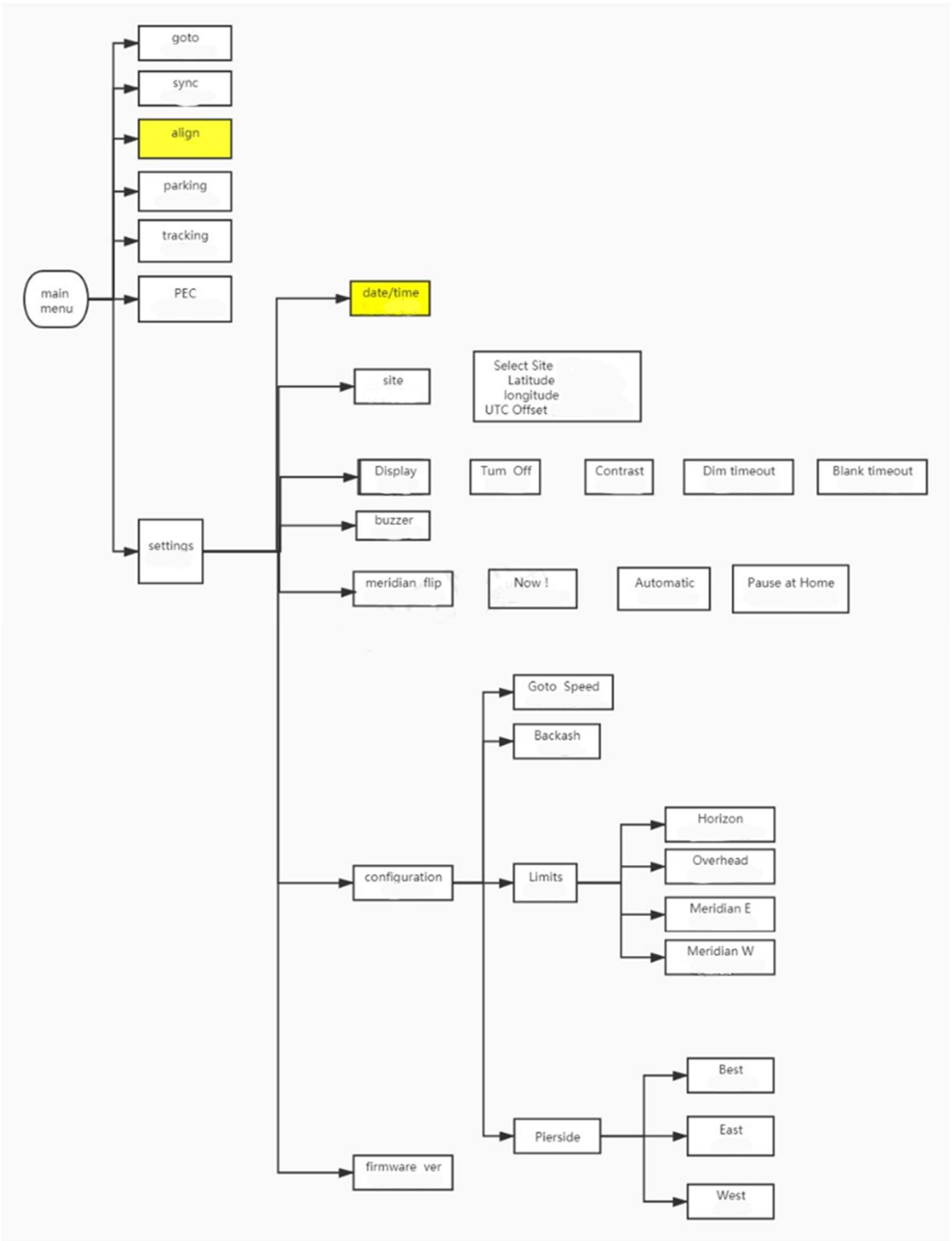

Telescope is slewing to park position


Telescope is parked

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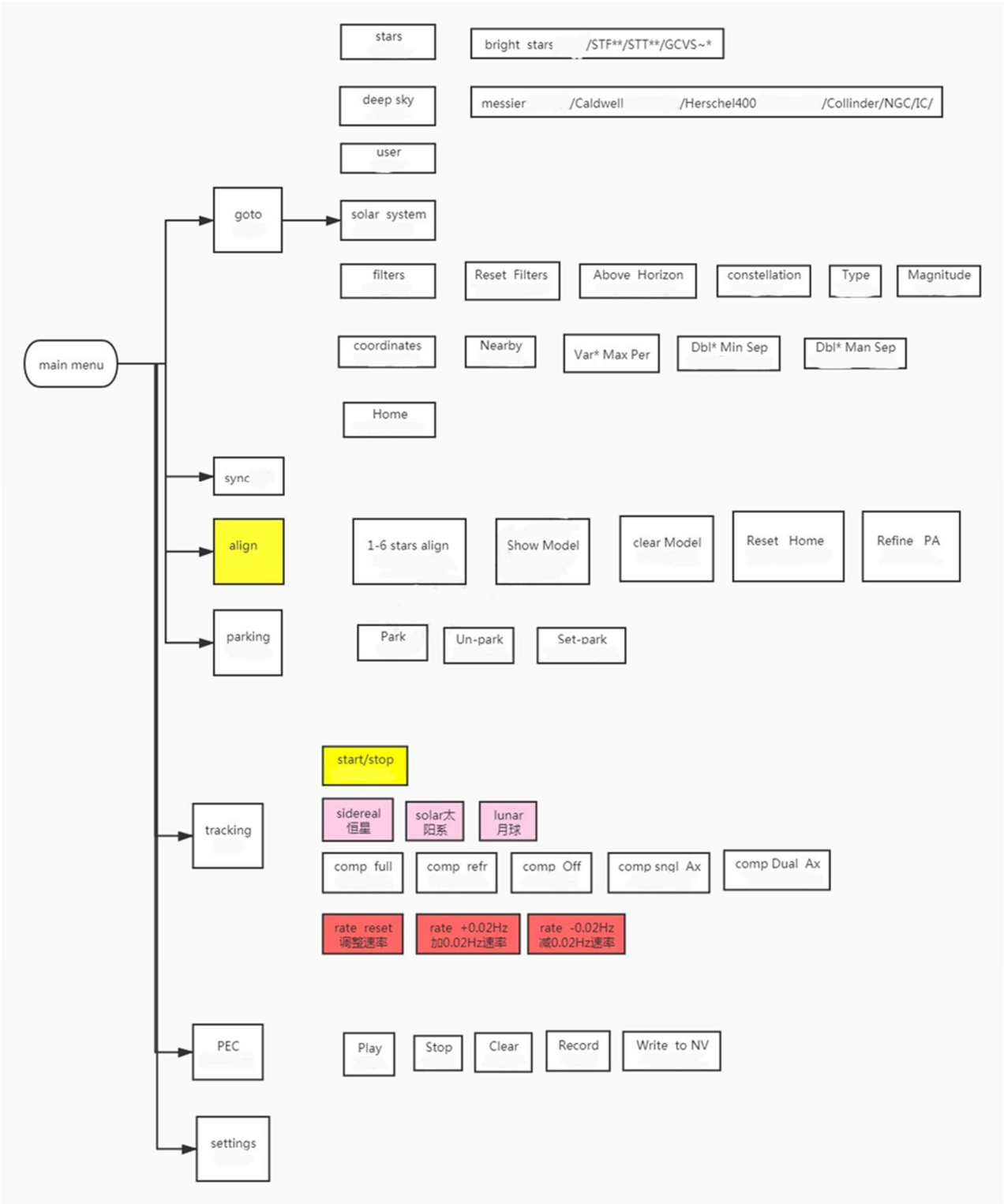
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Hand Controller menu structure diagram



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OnStep Guide – App control

⚠ Android users can set and control the mount through OnStep APP or webpage. **IOS system cannot use APP, webpage is working**

Connect to the web via WiFi:

Search for WIFI hotspot OnStep connection through PC or mobile phone, password: password

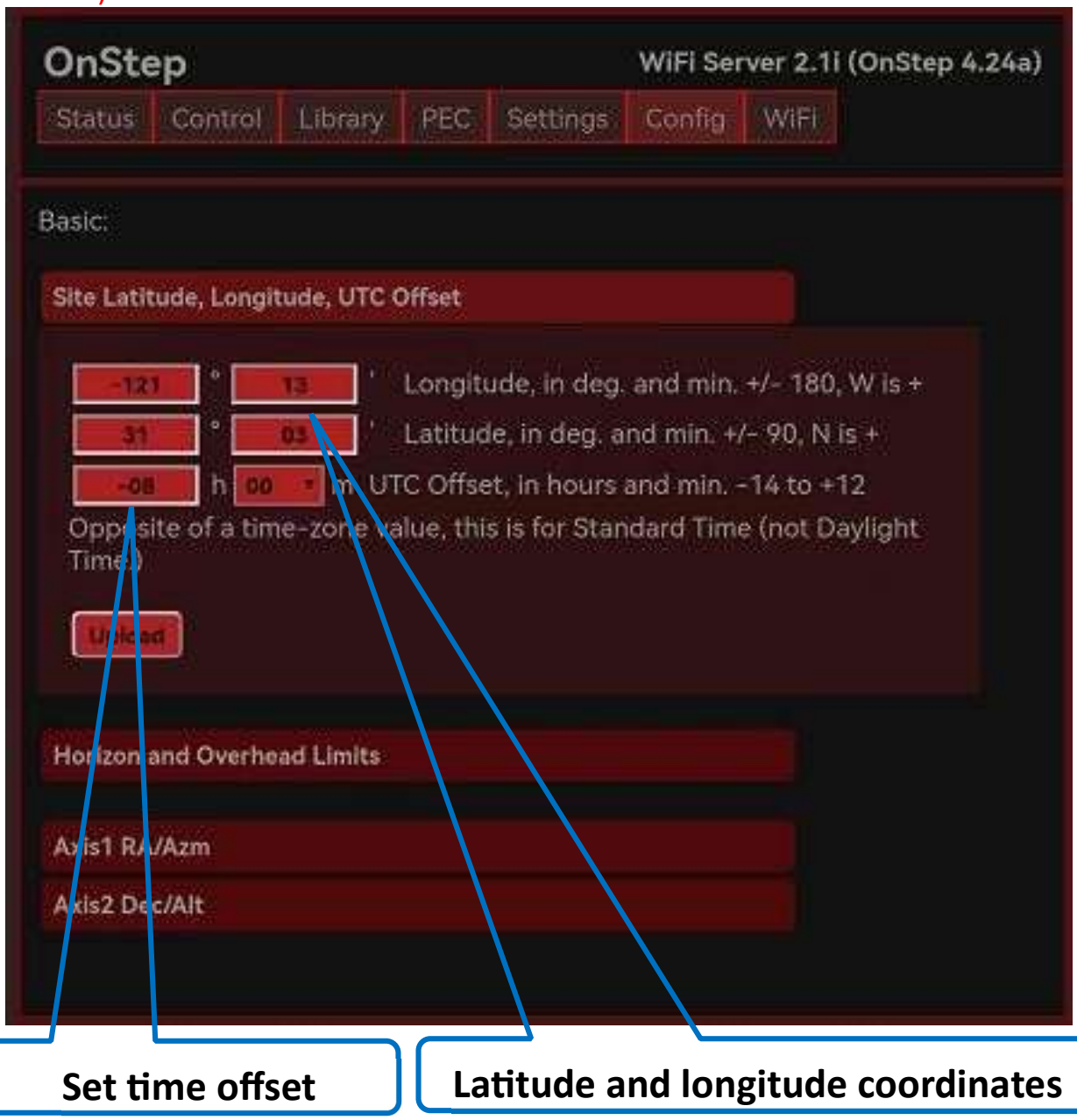
Enter "192.168.0.1:9999" or "192.168.0.1" into the browser



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For the first use or when using the mount at a new location, set the mount's latitude and longitude coordinates and local time (can be synced via NINA or Asiair)

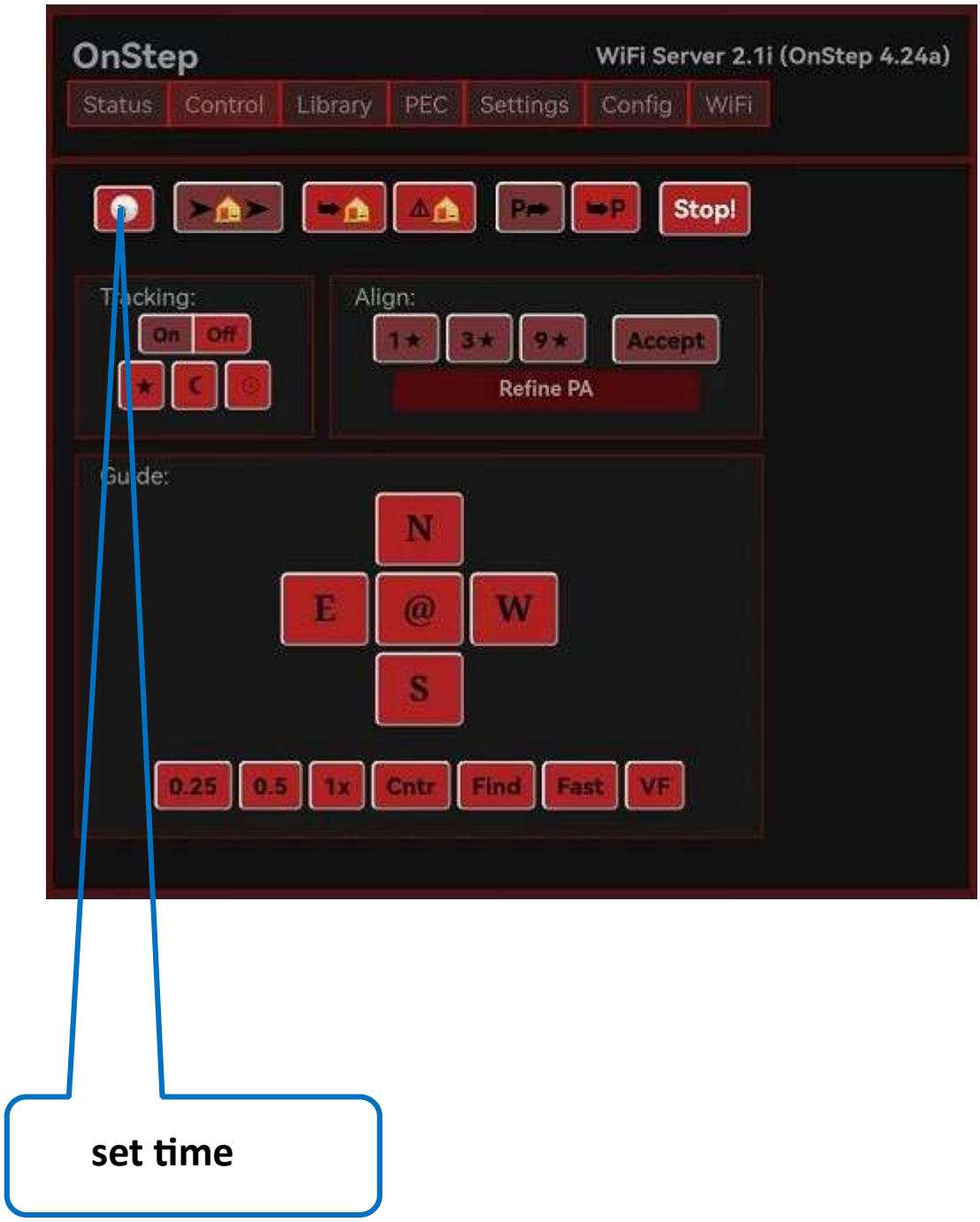


In the OnStep system, east longitude is (-), west longitude is (+),north latitude is (+), and south latitude is (-). For UTC, east of the prime meridian is (-), and west is (+).

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Set Time

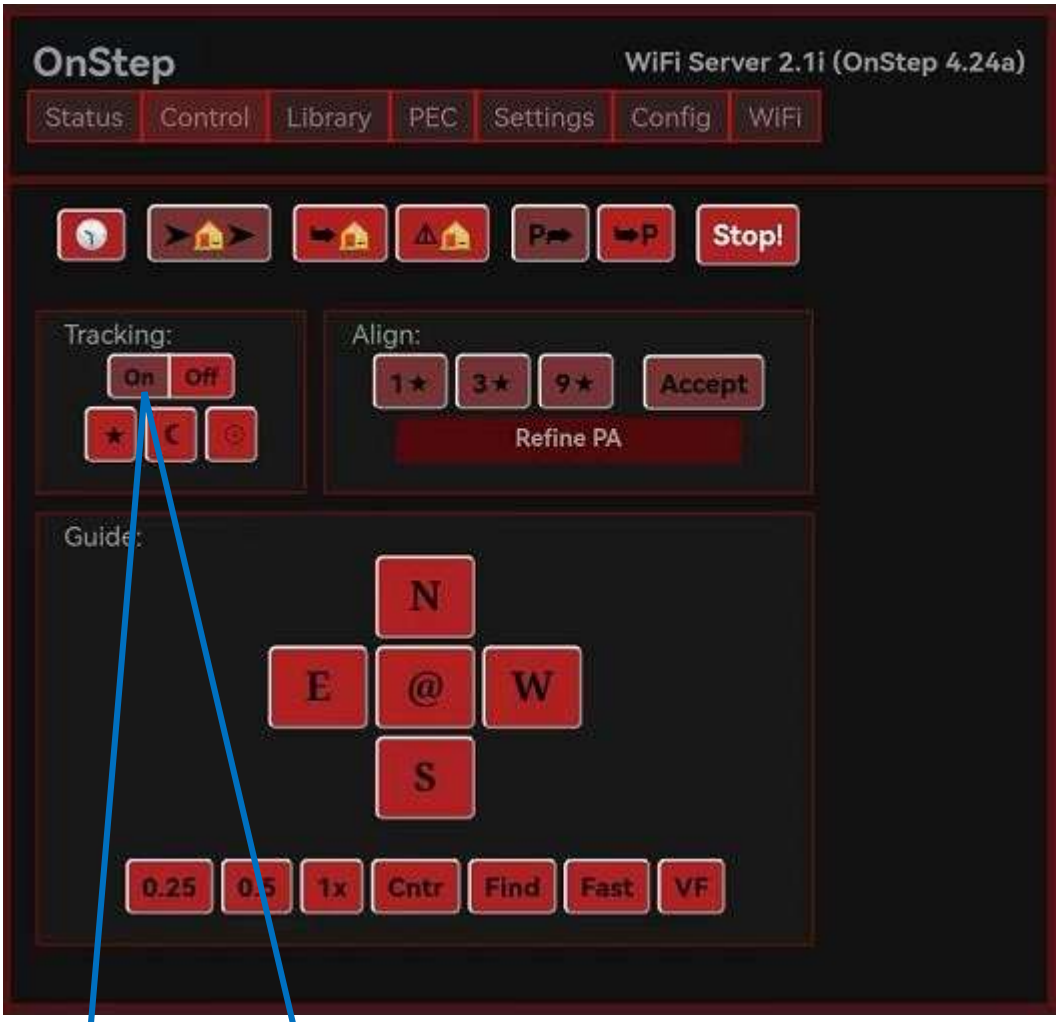


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OnStep Quick Start Guide – App

Start Tracking



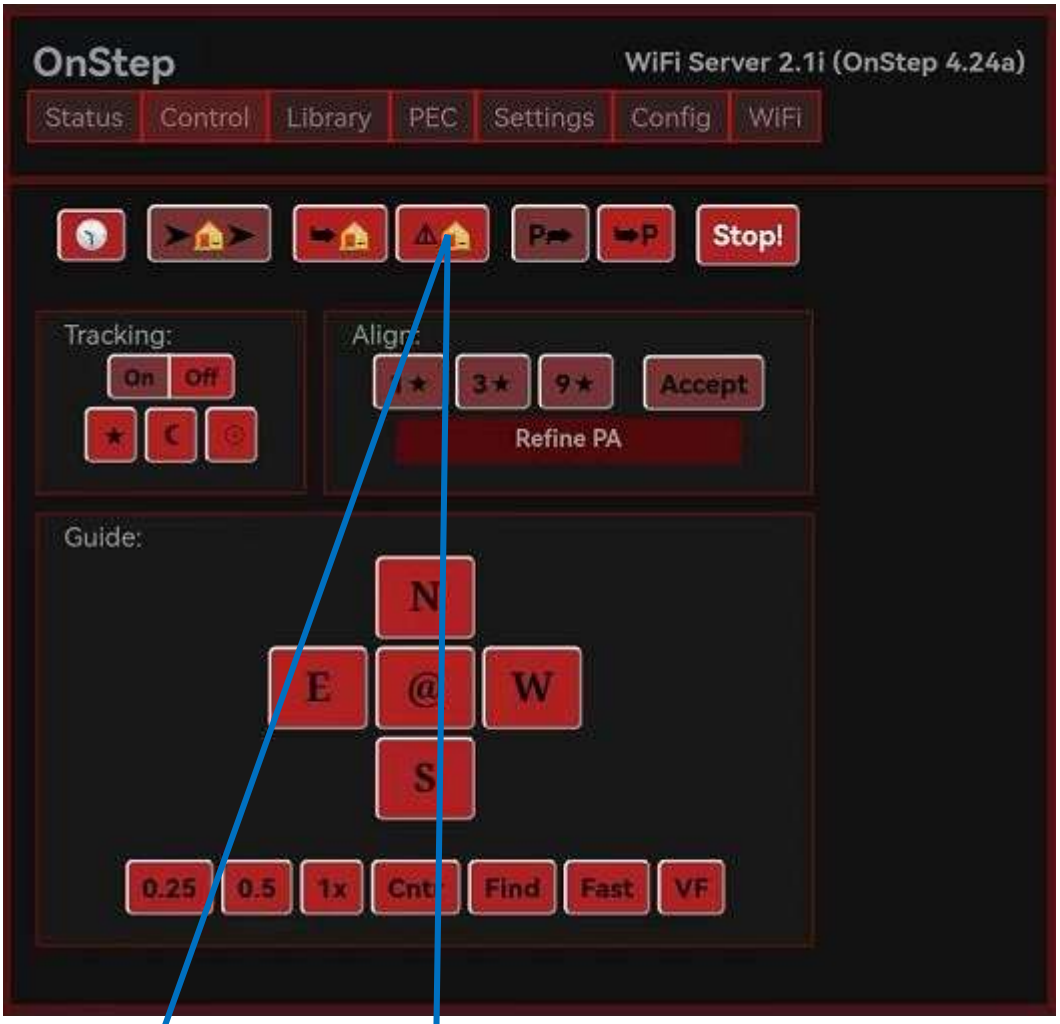
Turn on Tracking, and the rotation of the mount can be controlled by operating the direction keys.

In the OnStep system options, grey indicates ON status

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OnStep App Quick Start Guide – Home position

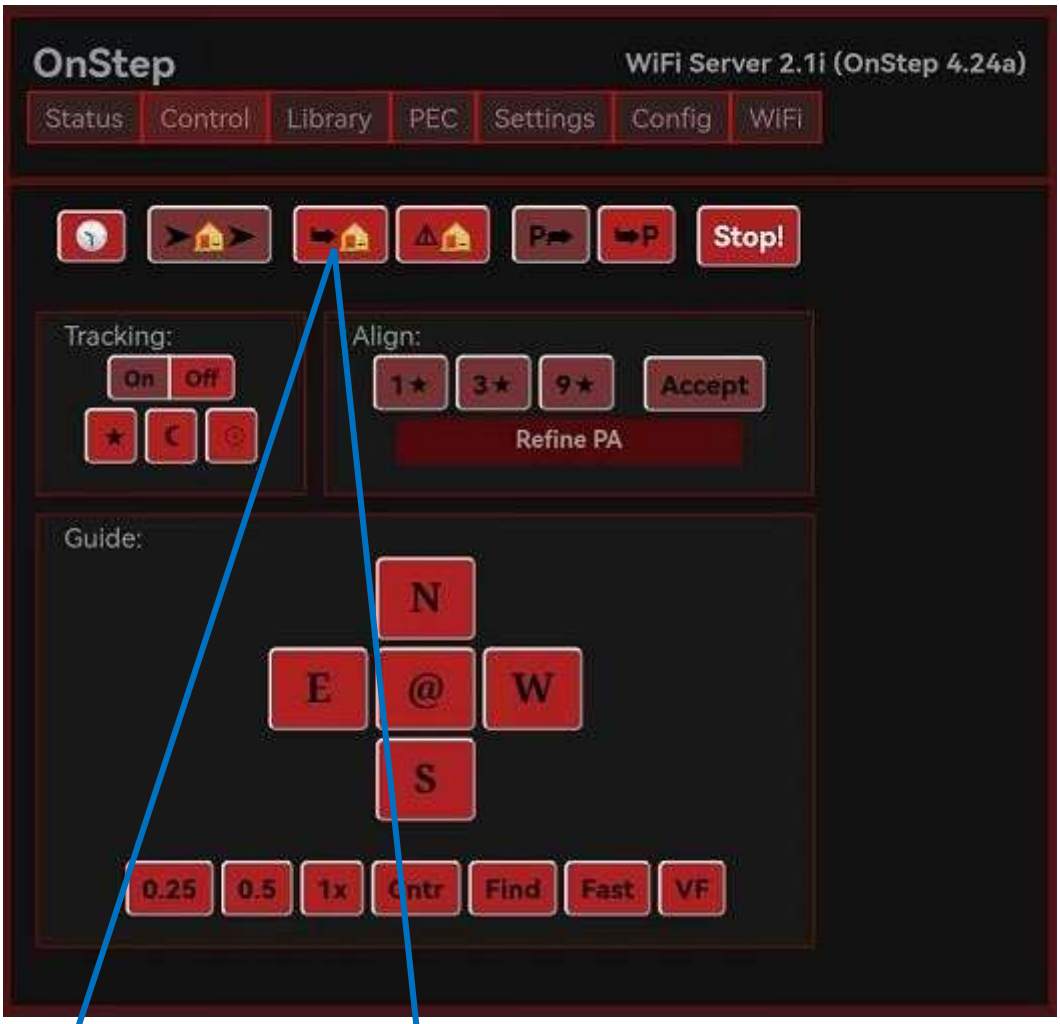


After enabling tracking, manually rotate the mount to the home position, and click the “At Home” button to save the home position of the mount.

Note: After setting the home position, the mount will return to the “Untracking” state. Click “Tracking ON” again to enable tracking

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Click the “Go Home” button to return the mount to the home position.

After powering off and on, the mount defaults to the power -on position as the home position. For accuracy, always reset the home position before each use. Alternatively, you can click the 'Go Home' button to return the mount to the home position before powering off, or, if using control software, configure the plan to execute the 'Go Home' command automatically after each session to avoid the need for a manual reset next time.

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Limit position setting



Equatorial mode, DEC axis rotation limit

Altitude angle limit in Altazimuth mode

Note: When the manual operation of the mount rotation exceeds the set limit, the mount will stop rotating, press the key again, the mount will only move a small angle.

Once the GOTO target exceeds the limit, GOTO will stop. The limit position is related to the time, latitude and longitude coordinates and home position setting of the mount.

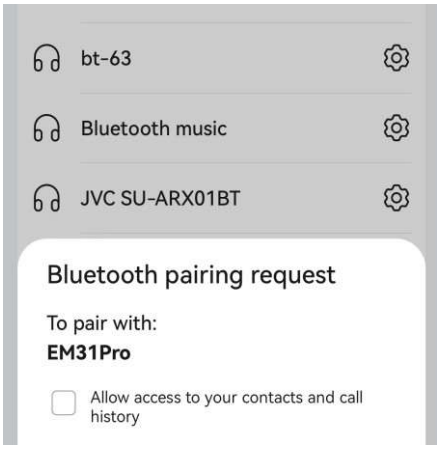
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Connect to the Android app via Bluetooth.

(App only supports Android system, Apple system needs to be set through the webpage)

①Matching Bluetooth



②Select Connection in the APP



③Choose Bluetooth



④Complete connection

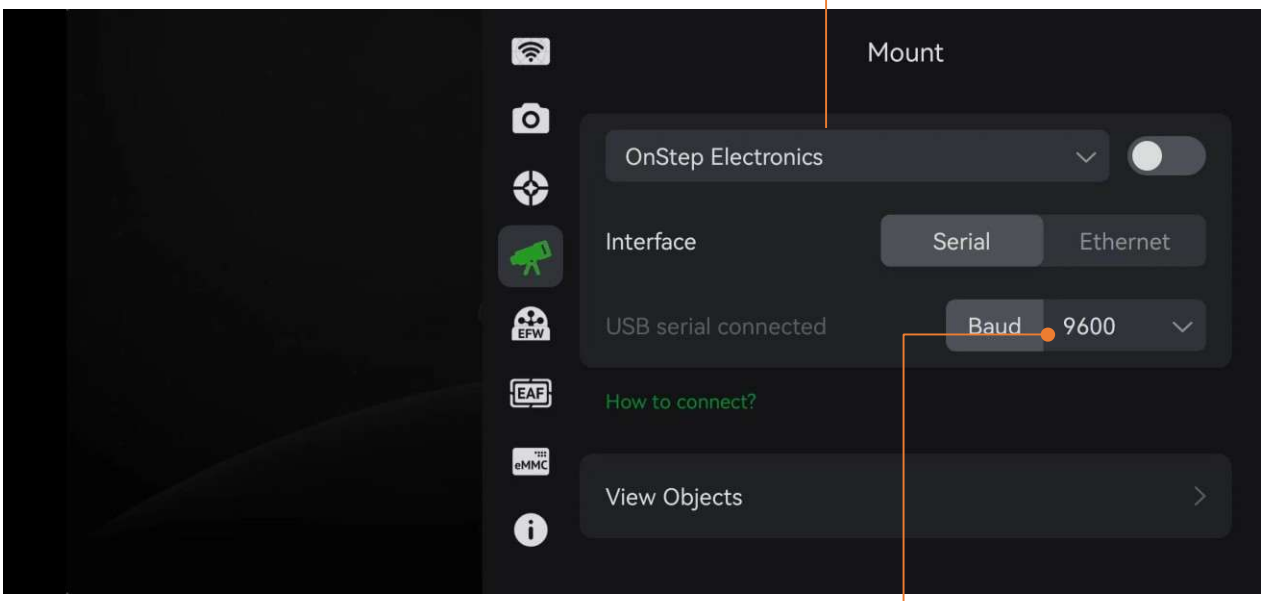


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The first connection may be very slow. Please allow some time for the process to complete.

OnStep and ASIAIR connection

Mount select: “OnStep Electronics”



Serial port baud rate 9600

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OnStep and PC connection

Step ① Installing the mount serial port driver cp2102

Confirm that the mount serial port connection is normal in Windows Device Manager



Step ② Install ASCOM platform

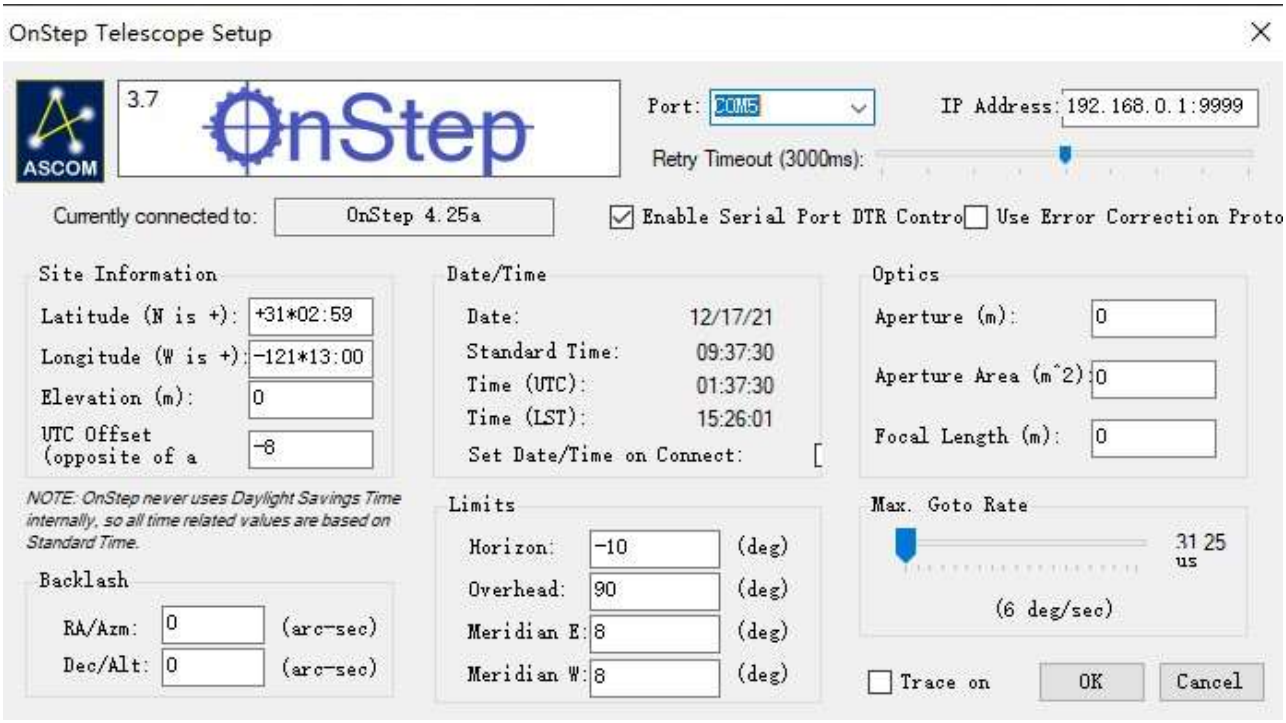
https://www.ascom-standards.org/

Step ③ Install OnStep ASCOM driver https://emcanastro.com/downloads/

Select the correct serial port (check the correct port number in Device Manager) and connect the mount

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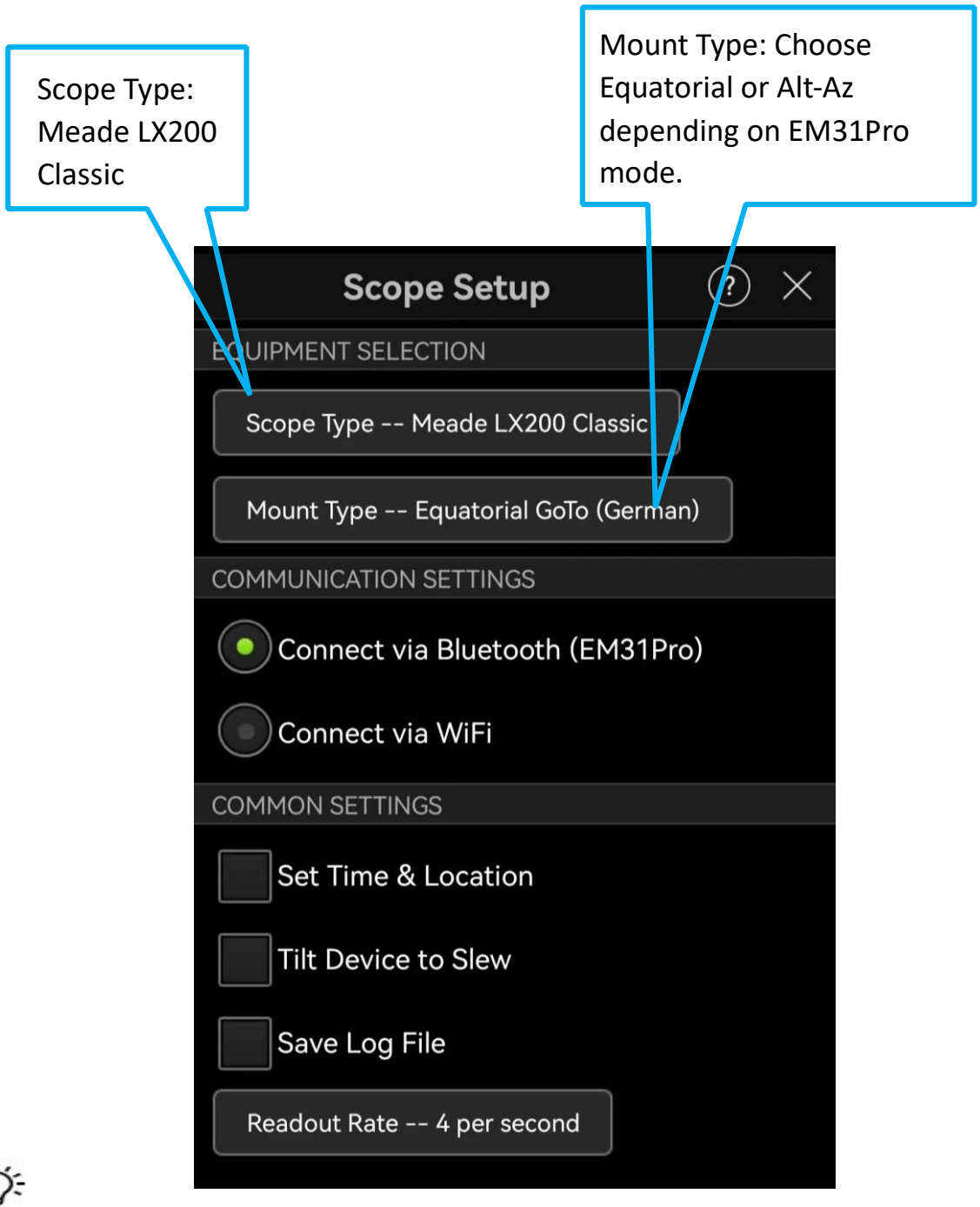
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SkySafari Connection



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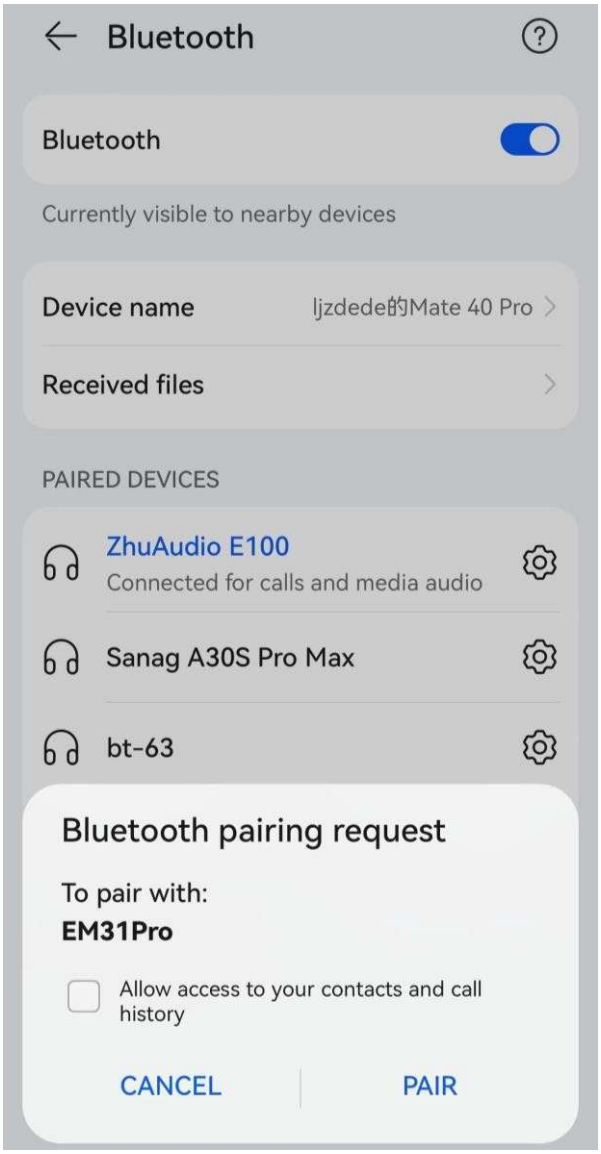
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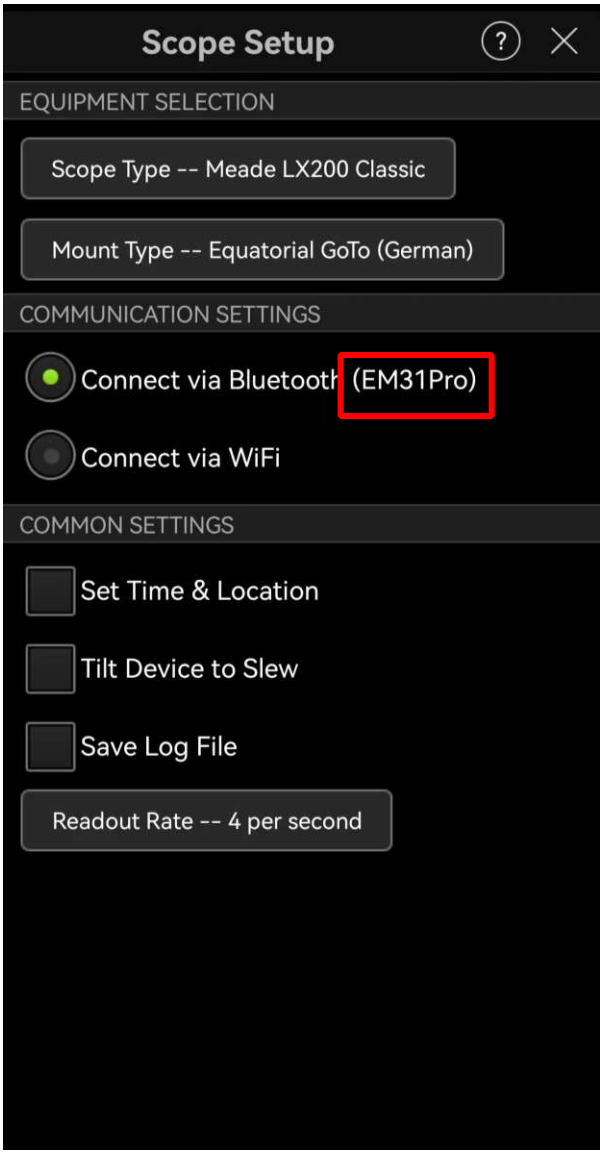
Note:

Selecting to synchronize time and location information will slow down the mount connection startup, adding approximately 30 seconds, please wait patiently.

SkySafari Connection 1. Via Bluetooth (Android only)

Pair with EQ 370DX via Bluetooth.





Note:

Bluetooth settings, select EQ 370DX .

Using Bluetooth to connect to EQ 370DX will take around 40–60 seconds to initiate the mount connection.

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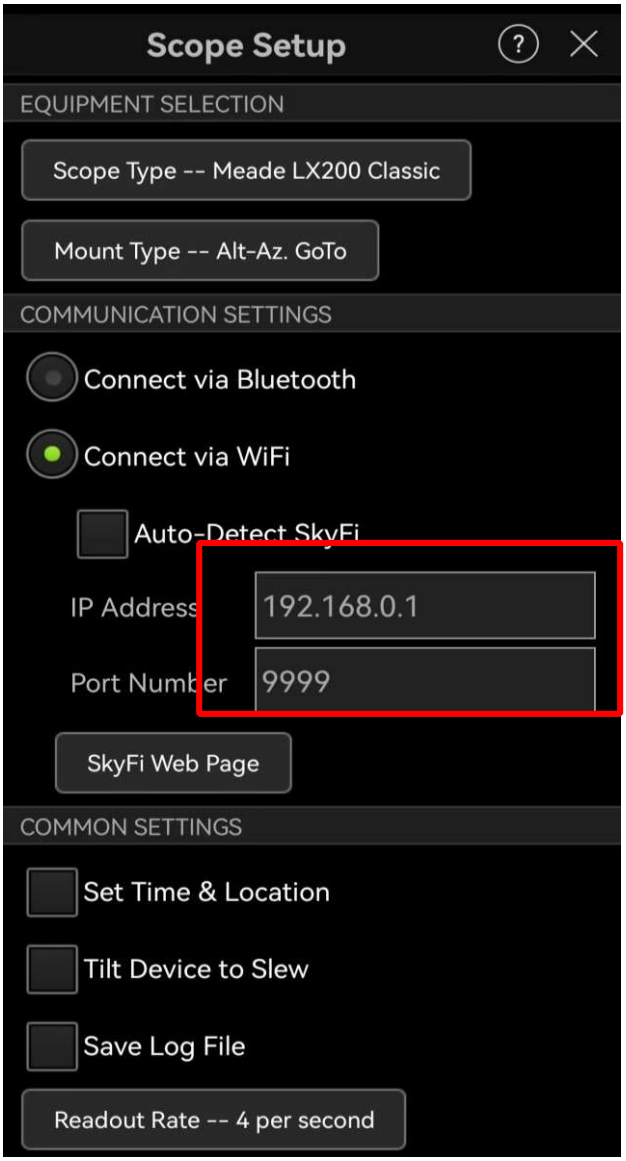
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SkySafari Connection 2. Via Wi-Fi (Android + Apple)

Connect to the mount's Wi-Fi hotspot.



Enter the following details:
IP: 192.168.0.1 Port: 9999 or 9998.



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Warranty Statement

Thank you for purchasing the EQ 370DX Mount. To ensure you have the best experience with our product, we provide a two-year warranty service for the EQ 370DX. Below are the specific warranty terms and conditions:

Warranty Period

This product is covered by a two-year warranty starting from the date of purchase.

Warranty Coverage

During the warranty period, if the product exhibits any material or workmanship defects under normal use, we will provide free repair or replacement services. This includes, but is not limited to:

- Motor failure
- Control board failure
- Mechanical structure damage

Warranty Exclusions

The warranty does not cover the following situations:

1. **Human-induced damage**: Including but not limited to damage caused by dropping, impact, submersion, excessive use, etc.
2. **Unauthorized repair or modification**: If the product has been repaired or modified by an unauthorized service provider, the warranty will be void.
3. **Accidents or natural disasters**: Including but not limited to fire, earthquake, flood, lightning, etc.
4. **Normal wear and tear**: Such as normal wear and tear, scratches on the exterior, etc.

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Warranty Service Procedure

1. **Contact Customer Service**: If your product requires repair, please first contact the after-sales service of the purchase channel or directly contact our customer service center. Provide a detailed description of the fault.

2. Fault Diagnosis: We will conduct a preliminary diagnosis of the reported fault via email. If further inspection is needed, we will guide you to send the product to the designated repair center.

3. Repair or Replacement: Once the product is confirmed to be within the warranty conditions, we will provide free repair services. If the product cannot be repaired, we will replace it with the same model or an equivalent product of the same value.

4. Return Shipping: The repaired or replaced product will be shipped back to you via courier.

Important Notes

 Before sending the product, please ensure it is properly packaged to avoid further damage during transit. When shipping, include a description of the fault.

If you have any questions or need further assistance, please feel free to contact our customer service team. We are dedicated to serving you.

Customer Service Email: info@nimax.de Thank you for your understanding and support.

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Appendix A - Symbols and Error Messages



Telescope is at home position. Tracking is OFF



Tracking sidereal is ON



Tracking moon is ON



Tracking sun is ON


Tracking is OFF


Telescope is slewing



East side of pier. Declination is between 90 and -90



West side of pier. Declination is between 180 and 90 or -90 and -180



Telescope is slewing to park position



Telescope is parked. Press shift and then east button to unpark

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Park failure


Buttons are locked to avoid unintentional press


Show guiding correction, for pulse Guiding and ST4 corrections



Telescope position exceeds user defined Horizon limit. Tracking has stopped



Telescope position exceeds user defined Meridian limit. Tracking has stopped



Telescope position exceeds user defined Declination limit. Tracking has stopped



Motor fault. Tracking has stopped


WiFI is ON. If it is configured in station mode it shows a successful connection to the WiFi router


WiFi is ON but has no connection to the WiFi router. Reasons are e.g. out of range

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 GNSS receiver synced with satellites, you can now update your location and/or Time with GNSS signal, when the Telescope is at home/park. The GNSS feature is turned off when the telescope is not at home and not at park hence the icon will disappear if you leave the Park home position

Catalogue icons:

 Globular star cluster

 Galaxy

 Open star cluster

 Planetary nebula

 Nebula

Symbol Description

 forbidden  Important points  Operation instruction

 Blue stands forcounterclockwise rotation

 Green stands for clockwise **rotation**

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Observe in the direction indicated by the dashed arrow.

Appendix B – Technical Specifications

- **Weight of the main body**： approx. 4kg (without dovetail & adapter)
- **Payload**： ≤8kg
- **Note**: payload calculated in the condition that the telescope's center of gravity is 20cm from RA axis
- **Latitude adjustment**： 0°~90°
- **Azimuth adjustment**： -8°~+8°
- **RA**：**Worm gear** 144 teeth + synchronous belt
- **DEC: worm gear** 144 teeth + synchronous belt
- **Motor: Nema** 42 stepper motor
- **Goto speed**：max 4°/s
- **Power port**：DC5.5-2.1 12V 5A (Cable Management Support)
- **Power consumption**： approx. tracking 0.4A, Goto 0.7A
- **Communication interface**： usb2.0, Wi-Fi, Bluetooth
- **Dovetail**：Vixen 75°
- **Hand controller**： Wired hand controller

⚠ The payload capacity is not exactly equal to the total weight of the equipment being mounted. The effective weight that the mount can support depends closely on the center of gravity of the entire setup. Equipment with a higher center of gravity will reduce the mount's loadbearing capacity accordingly. Before installing heavy equipment with a high center of gravity, please ensure it does not exceed the weight limit.

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CE	**EU Konformitätserklärung** **EU declaration of conformity**	NIMAX E-COMMERCE GROUP
Deutsch	English	
Wir, die Firma	We, the company	NIMAX GmbH
erklären in alleiniger Verantwortung, dass das Produkt mit Artikelnummer	declare under our sole responsibility that the following product with ID	87318
und Produktbezeichnung	and product name	Omegon EQ370DX GoTo Mount
Produktbild	Image	
Name und Adresse des Herstellers oder seines autorisierten Vertreters	Name and address of the manufacturer or his authorised representative	NIMAX GmbH Otto-Lilienthal-Str. 9 D-86899 Landsberg am Lech Germany
Geräteart	type of product	Equatorial Mount with Goto
Handelsmarke	trademark	Omegon
Modell	model	EQ370DX GoTo Mount
weitere Angaben	further details	
die grundlegenden Anforderungen folgender EU-Richtlinien erfüllt:	**complies with the standards of following EU regulations:**	
Funkanlagen	Radio equipment	2014/53/EU
Elektromagnetische Verträglichkeit	Electromagnetic compatibility	2014/30/EU
RoHS	RoHS	2011/65/EU
Batterien	Batteries	(EU) 2023/1542
Verpackungen und Verpackungsabfälle	Packaging and packaging waste	(EU) 2025/40
Bevollmächtigter zur Zusammenstellung der technischen Unterlagen:	Authorized person for technical documentation:	Mareike Ordner
Ort	Place of issue	Landsberg am Lech (DE)
Datum	Date	13.08.2026
Unterschrift	Signature	Patrick Bosch (COO)

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