

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [E-flite](#) /

› [E-flite Night Radian 2.0m BNF Basic RC Airplane Instruction Manual EFL36500](#)

E-flite EFL36500

E-flite Night Radian 2.0m BNF Basic RC Airplane Instruction Manual

Model: EFL36500

INTRODUCTION

This manual provides essential information for the safe assembly, setup, operation, and maintenance of your E-flite Night Radian 2.0m BNF Basic RC Airplane. Please read this manual thoroughly before operating the aircraft to ensure proper function and to maximize your flying experience. This model is designed for pilots with some experience, categorized as Skill Level 2.

WHAT'S IN THE BOX

- E-flite Night Radian 2.0m Aircraft
- Brushless Outrunner Motor (installed)
- 30A Telemetry-Capable Brushless ESC (installed)
- 2 Servos (installed)
- Spektrum AR631 6-Channel Receiver (installed)
- Product Manual



Image: The E-flite Night Radian 2.0m RC Airplane, showcasing its sleek white fuselage and blue wingtips.

NEEDED TO COMPLETE

The following items are required to operate your Night Radian 2.0m and are not included in the box:

- Compatible Full-Range 6+ Channel Spektrum DSMX/DSM2 Aircraft Transmitter
- 3S 11.1V 1300–2200mAh LiPo Flight Battery with EC3 or IC3 Connector
- Compatible LiPo Charger



Image: Icons representing a battery, charger, and transmitter, indicating these items are required for operation.

KEY FEATURES

- Updated design with Smart and telemetry features.
- Integrated high-visibility LED lights offering over 100 color, sequence, and timing combinations via a built-in controller.
- Spektrum AR631 receiver with fly-by range telemetry and DSMX technology.
- Optional-use SAFE Select flight envelope protection for easier flight.
- AS3X technology for enhanced flight stability in various conditions.

SAFETY INFORMATION

Operating remote control aircraft requires adherence to safety guidelines. Always fly in open areas away from people, vehicles, and obstacles. Ensure your battery is fully charged and securely installed. Perform pre-flight checks before each flight. Be aware of your surroundings and local regulations regarding RC aircraft operation. This product is not a toy and is intended for individuals aged 14 months and up with appropriate supervision.

SETUP

1. Assembly

The Night Radian 2.0m is designed for straightforward assembly. Carefully attach the wings and tail surfaces to the fuselage. Ensure all connections are secure. Some minor sanding may be required for a perfect fit of the wings, as noted by some users. Use the provided stabilizer tape or a suitable alternative to secure the tail.



Image: A hand demonstrating how to open the canopy of the Night Radian 2.0m, revealing the internal electronics.

2. Binding the Receiver

As a Bind-N-Fly (BNF) Basic model, you will need to bind the installed Spektrum AR631 receiver to your compatible DSMX/DSM2 transmitter. Refer to your transmitter's manual for specific binding instructions. Ensure the aircraft and transmitter are powered on and in binding mode.



Image: The 'BNF Basic' logo, indicating the aircraft is ready to bind with a compatible transmitter.

3. Battery Installation and Center of Gravity (CG)

Install your charged 3S 11.1V LiPo flight battery into the designated compartment. Proper Center of Gravity (CG) is crucial for stable flight. The recommended CG for the Night Radian 2.0m is approximately 3 inches from the leading edge of the wing. Adjust battery position or add small weights if necessary to achieve this balance. An incorrect CG can significantly affect flight performance.

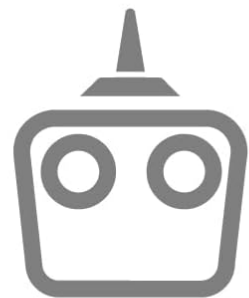
Needed to Complete



Battery



Charger



Transmitter

Image: A detailed view of the Night Radian 2.0m's fuselage, showing the clear canopy and internal components.

4. SAFE Select and AS3X Configuration

The installed Spektrum AR631 receiver features AS3X technology for enhanced stability and SAFE Select for optional flight envelope protection. Refer to the receiver's manual for instructions on enabling or disabling SAFE Select and configuring its settings. AS3X operates continuously to smooth out turbulence and wind effects.



Image: The SAFE logo overlaid on an image of the Night Radian 2.0m flying against a sunset, highlighting the flight protection feature.

5. LED Light Configuration

The integrated LED lights can be configured for various colors, sequences, and timings using the built-in controller. Consult the detailed instructions for the LED system to customize your night flying experience.



Image: The Night Radian 2.0m illuminated with vibrant, multi-colored LED lights, showcasing its night flying capability.

OPERATING

1. Pre-Flight Checks

- Ensure all control surfaces (ailerons, elevator, rudder) move freely and in the correct direction relative to your transmitter inputs.
- Verify the flight battery is fully charged and securely installed.
- Check for any visible damage to the airframe, propeller, or electronics.
- Confirm the receiver is bound to your transmitter and signal strength is good.

2. Launch Procedures

The Night Radian 2.0m is typically hand-launched. Hold the aircraft firmly, apply partial to full throttle, and gently toss it forward into the wind with a slight upward angle. Avoid throwing it downwards or with excessive force. If using SAFE Select, it will assist in maintaining a stable climb.



Image: A person hand-launching the Night Radian 2.0m RC glider against a vibrant sunset sky.

3. Flight Characteristics

The Night Radian 2.0m is an excellent glider, known for its soaring capabilities. It offers stable and predictable flight, making it suitable for pilots transitioning from trainers. While it can perform gentle aerobatics, avoid high-speed maneuvers or heavy G loads, as the design is optimized for efficient gliding rather than aggressive stunts. It excels at thermal soaring and extended flight times.

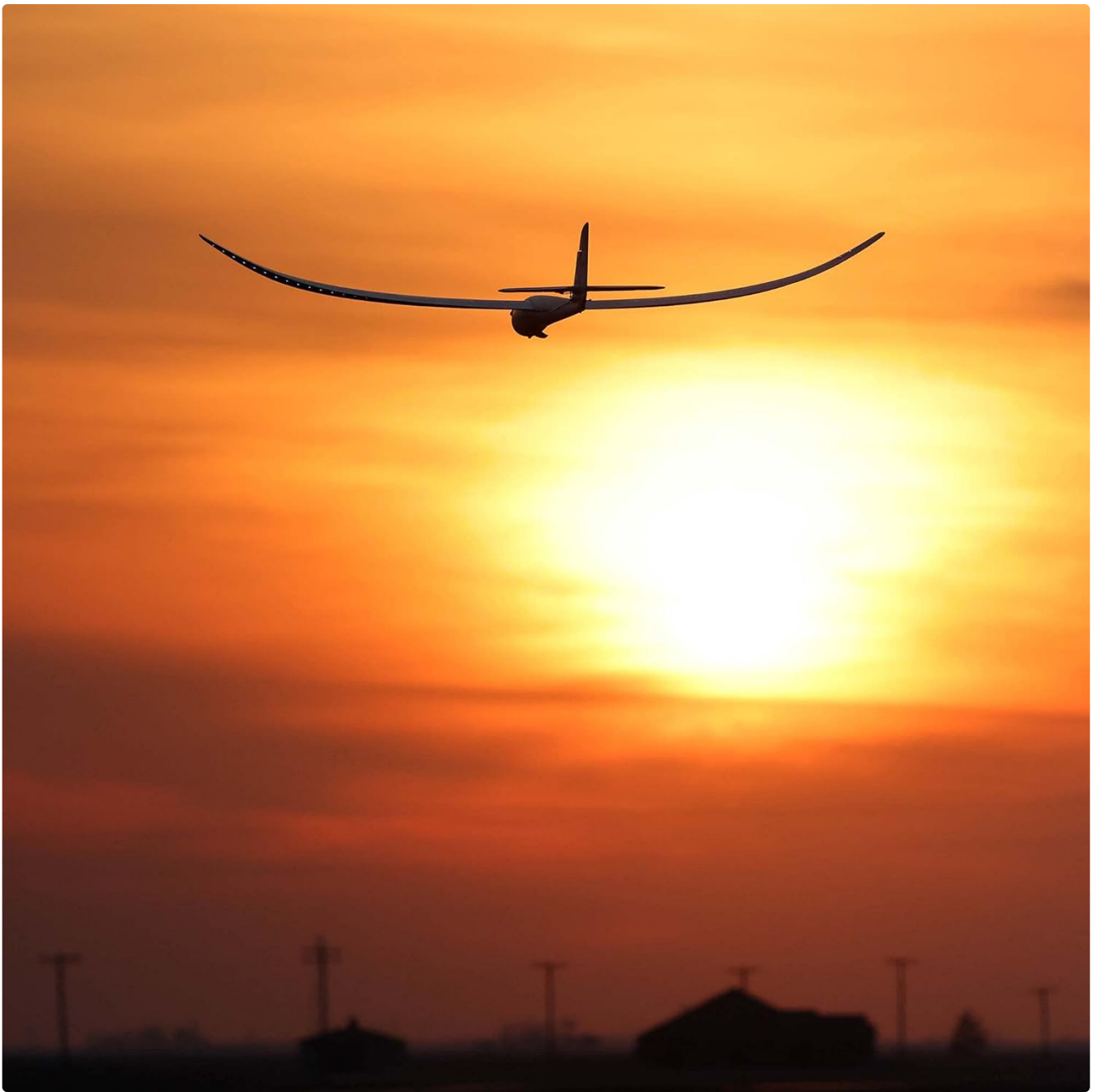


Image: The Night Radian 2.0m glider in flight, silhouetted against a bright orange sunset.

4. Night Flying with LEDs

The integrated LED lights allow for spectacular night flying. Ensure you have sufficient visibility of the aircraft's orientation. Practice in a familiar, open area during daylight before attempting night flights. The lights provide excellent visual cues for orientation in low-light conditions.



Image: The Night Radian 2.0m flying against a dark sky, its wings and tail illuminated by vibrant LED lights.

5. Landing Procedures

Approach the landing area into the wind. Reduce throttle and allow the aircraft to glide down. Maintain control with elevator and rudder inputs. Due to its excellent gliding characteristics, expect long approaches. Aim for a gentle, controlled touchdown on the main fuselage or landing skid.



Image: The Night Radian 2.0m glider in stable flight against a clear blue sky.

6. Skill Level 2

This aircraft is designated as Skill Level 2, meaning it is suitable for pilots who have successfully learned to fly with a trainer aircraft and are ready for a more advanced, yet still forgiving, model. It offers a good balance of stability and performance for continued skill development.



Image: A circular badge indicating 'Skill Level 2 - Next Step After a Trainer', signifying the recommended pilot experience level.

1. General Care

Keep your aircraft clean and free of dirt or debris. Store it in a cool, dry place away from direct sunlight. Inspect the airframe for any cracks or damage after each flight. The foam material is generally durable and allows for easy repairs using appropriate foam-safe adhesives.

2. Battery Care

Always follow the manufacturer's instructions for charging, discharging, and storing LiPo batteries. Never overcharge or over-discharge your battery. Disconnect the battery from the aircraft when not in use.

3. Component Checks

Regularly check all screws, linkages, and connections for tightness and proper function. Ensure the propeller is securely attached and free from damage. Inspect the motor and ESC for any signs of wear or overheating.



Image: The E-flite 30A Telemetry-Capable Brushless ESC, a key electronic component of the aircraft.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Aircraft does not respond to controls	Unbound receiver, low transmitter/receiver battery, damaged receiver/servos	Re-bind receiver, check/charge batteries, inspect connections, replace damaged components.
LED lights not working	Loose connection, faulty LED controller, damaged wiring	Check all LED connections, inspect wiring for breaks, consult manufacturer support if controller is suspected faulty.
Poor flight stability	Incorrect CG, control surface trim, wind conditions, damaged airframe	Adjust CG, trim control surfaces, avoid flying in strong winds, repair any airframe damage.
Motor not spinning	Disconnected motor/ESC, faulty ESC, low battery, throttle cut engaged	Check motor/ESC connections, ensure battery is charged, disengage throttle cut, replace faulty ESC if necessary.

SPECIFICATIONS

Feature	Detail
Product Dimensions	56.2 x 16.5 x 7 inches
Item Weight	4.16 pounds

Feature	Detail
Model Number	EFL36500
Manufacturer	E-flite
Recommended Age	14 months and up
First Available	July 26, 2021

SUPPORT

For further assistance, technical support, or warranty inquiries, please contact E-flite customer service. Refer to the official E-flite website for contact information and additional resources.

Online resources and FAQs may also be available to help with common questions and advanced configurations.

© 2025 E-flite. All rights reserved.

Related Documents - EFL36500

	E-flite Viper 70mm EDF Instruction Manual Comprehensive instruction manual for the E-flite Viper 70mm EDF RC aircraft, covering assembly, transmitter setup, flying tips, and troubleshooting.
	E-flite UMX Conscendo BNF Basic Instruction Manual This comprehensive instruction manual provides detailed guidance for the E-flite UMX Conscendo BNF Basic remote-controlled aircraft. It covers setup, binding, flight modes (SAFE Select, AS3X), transmitter configuration, safety precautions, maintenance, troubleshooting, and parts information.
	E-flite Super Timber 1.7m RC Airplane Instruction Manual Comprehensive instruction manual for the E-flite Super Timber 1.7m RC airplane, covering assembly, setup, operation, safety, and troubleshooting. Learn how to fly and maintain your model.

	E-flite UMX Conscendo BNF Basic: Instruction Manual & Setup Guide Comprehensive instruction manual for the E-flite UMX Conscendo BNF Basic RC airplane. Learn about setup, binding, safety precautions, flight modes (AS3X, SAFE Select), advanced features, troubleshooting, and specifications.
	E-flite Night Vapor RC Airplane Instruction Manual Comprehensive instruction manual for the E-flite Night Vapor RC airplane, covering setup, operation, safety precautions, maintenance, and troubleshooting. Includes details for both RTF (Ready-to-Fly) and BNF (Bind-N-Fly) versions.
	E-flite F-15 Eagle 64mm EDF BNF Basic/PNP Instruction Manual Comprehensive instruction manual for the E-flite F-15 Eagle 64mm EDF aircraft, covering assembly, setup, operation, safety precautions, and troubleshooting for both Bind-N-Fly (BNF) Basic and Plug-N-Play (PNP) versions.

Documents - E-flite – EFL36500



[\[pdf\]](#) User Manual Instructions

Night Radian 2 horizonhobby < b> EN 6 The LED controller (A) offers the ability to change light pattern and speed as well turn lights on off with attached switch (B) 1 Button moves backward in list EFL36500- Manual-EN horizonhobby demandware static Sites-horizon-master default Manuals 0m Instruction Manual Bedienungsanleitung Manuel d'utilisation Manuale di Istruzioni EFL36500 Scan QR code select Support quick links from towerhobbies dw4cde4b0c

Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... i pi aggiornate. Instruction Manual Bedienungsanleitung Manuel d utilisation Manuale di Istruzioni **EFL36500** EFL36750 EN NOTICE All instructions, warranties and other collateral documents are subje...

lang:en score:39 filesize: 7.14 M page_count: 18 document date: 2021-05-14



[\[pdf\]](#) User Manual Instructions

EFL36500 kmasrc ca Manuals Planes Eflite |||

Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... i pi aggiornate. Instruction Manual Bedienungsanleitung Manuel d utilisation Manuale di Istruzioni **EFL36500** EFL36750 EN NOTICE All instructions, warranties and other collateral documents are subje...

lang:en **score:34** filesize: 7.14 M page_count: 18 document date: 2021-08-31



[\[pdf\]](#) User Manual

EFL36500 Manual DE astramodel cz manualy eflite

Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... i pi aggiornate. Instruction Manual Bedienungsanleitung Manuel d utilisation Manuale di Istruzioni **EFL36500** EFL36750 DE HINWIES Allen Anweisungen, Garantien und anderen zugehörigen Dokumenten sind...

lang:de **score:34** filesize: 7.14 M page_count: 18 document date: 2021-07-19

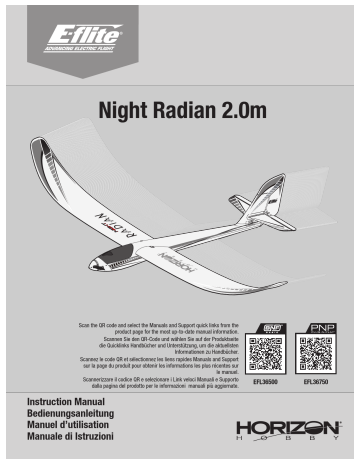


[\[pdf\]](#) User Manual

EFL36500 Manual IT astramodel cz manualy eflite

Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... i pi aggiornate. Instruction Manual Bedienungsanleitung Manuel d utilisation Manuale di Istruzioni **EFL36500** EFL36750 IT VVISO Tutte le istruzioni, le garanzie e gli altri documenti pertinenti sono...

lang:it **score:34** filesize: 7.13 M page_count: 18 document date: 2021-07-19



[\[pdf\]](#) User Manual Instructions

EFL36500 Manual EN astramodel cz manualy eflite E

Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... i pi aggiornate. Instruction Manual Bedienungsanleitung Manuel d utilisation Manuale di Istruzioni **EFL36500** EFL36750 EN NOTICE All instructions, warranties and other collateral documents are subje...

lang:en **score:34** filesize: 7.14 M page_count: 18 document date: 2021-07-19



[\[pdf\]](#) User Manual Instructions

MANUAL E Flite Night Radian 2 0m Velero Eléctrico BNF LEDs EFL36750 EFL36500 Manual EN

horizonhobby de on demandware static Sites horizon master default dw4cde4b0c Manuals ||| ||| Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product page for the most up-to-date manual information. Scannen Sie den QR-Code und whlen Sie auf der Produktseite die Quicklinks Handbcher und Unte

Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... i pi aggiornate. Instruction Manual Bedienungsanleitung Manuel d utilisation Manuale di Istruzioni **EFL36500** EFL36750 EN NOTICE All instructions, warranties and other collateral documents are subje...

lang:en **score:33** filesize: 6.51 M page_count: 18 document date: 2022-06-06



[\[pdf\]](#) User Manual

Night Radian 2 0m EFL36500 Manual DE e fliterc on demandware static Sites horizon master default dwbf69ec3d Manuals

Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... i pi aggiornate. Instruction Manual Bedienungsanleitung Manuel d utilisation Manuale di Istruzioni **EFL36500** EFL36750 DE HINWIES Allen Anweisungen, Garantien und anderen zugehrigen Dokumenten sind...

lang:de **score:33** filesize: 7.14 M page_count: 18 document date: 2021-05-14

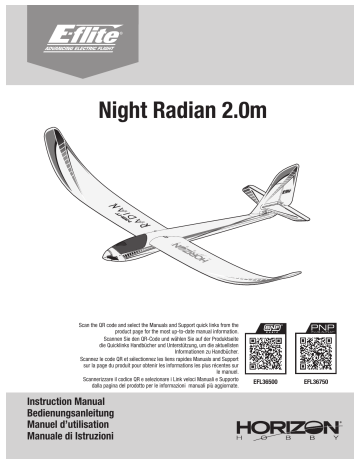


[\[pdf\]](#) User Manual

Night Radian 2 0m EFL36500 Manual IT horizonhobby on demandware static Sites horizon master default dw07d8296d Manuals |||

Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... i pi aggiornate. Instruction Manual Bedienungsanleitung Manuel d utilisation Manuale di Istruzioni **EFL36500** EFL36750 IT VVISO Tutte le istruzioni, le garanzie e gli altri documenti pertinenti sono...

lang:it **score:33** filesize: 6.5 M page_count: 18 document date: 2022-06-06



[pdf] User Manual

Night Radian 2 0mEFL36500 Manual ITtowerhobbies on demandware static Sites horizon master default dw07d8296d Manuals EFL36500 IT |||

Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... aggiornate. Instruction Manual Bedienungsanleitung Manuel d utilisation Manuale di Istruzioni **EFL36500** EFL36750 IT VVISO Tutte le istruzioni, le garanzie e gli altri documenti pertinenti sono...

lang:it **score:33** filesize: 6.5 M page_count: 18 document date: 2022-06-06



[pdf] User Manual Instructions

EFL36500 Manual FR astramodel cz manually eflite

Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... i pi aggiornate. Instruction Manual Bedienungsanleitung Manuel d utilisation Manuale di Istruzioni **EFL36500** EFL36750 FR REMARQUE Toutes les instructions, garanties et autres documents de garantie ...

lang:fr **score:32** filesize: 7.14 M page_count: 18 document date: 2021-07-19

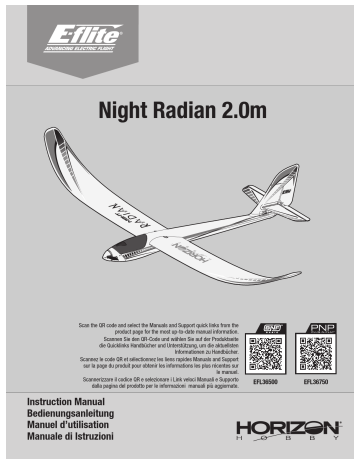


[pdf] User Manual

Night Radian 2 0m EFL36500-Manual-IT horizonhobby on demandware static Sites-horizon-master default dw999b8946 Manuals towerhobbies

Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... i pi aggiornate. Instruction Manual Bedienungsanleitung Manuel d utilisation Manuale di Istruzioni **EFL36500** EFL36750 IT VVISO Tutte le istruzioni, le garanzie e gli altri documenti pertinenti sono...

lang:it **score:32** filesize: 7.08 M page_count: 18 document date: 2021-05-14



[\[pdf\]](#) User Manual Instructions

Night Radian 2 0m EFL36500 Manual FR horizonhobby on demandware static Sites horizon master default dw3cdac9d9 Manuals |||

Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... i pi aggiornate. Instruction Manual Bedienungsanleitung Manuel d utilisation Manuale di Istruzioni **EFL36500** EFL36750 FR REMARQUE Toutes les instructions, garanties et autres documents de garantie ...

lang:fr **score:32** filesize: 6.51 M page_count: 18 document date: 2022-06-06



[\[pdf\]](#) User Manual Instructions

Night Radian 2 0m Manual EnglishE flite BNF Basic JK ProductsEFL36500 ENhorizonhobby on demandware static Sites horizon master default dw92f5be59 Manuals EFL36500 EN E Flite Glider PNP 6 51 MBNight PNPE ENcdn hobbiesdirect au documents 124901 Manualhorizonhobby ||| ||| Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product page for the most up-to-date manual information. Scannen Sie den QR-Code und whlen Sie auf der Produktseite die Quicklinks Handbcher und Unte

Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... i pi aggiornate. Instruction Manual Bedienungsanleitung Manuel d utilisation Manuale di Istruzioni **EFL36500** EFL36750 EN NOTICE All instructions, warranties and other collateral documents are subje...

lang:en **score:31** filesize: 6.51 M page_count: 18 document date: 2022-06-06



[\[pdf\]](#) User Manual

Night Radian 2 0m Horizon Hobby 2022 06 22 — Scan the QR code and select Manuals Support quick links from product page for most up to date manual information EFL36500 Manual DE horizonhobby on demandware static Sites horizon master default dwc8ec16bf |||

Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... i pi aggiornate. Instruction Manual Bedienungsanleitung Manuel d utilisation Manuale di Istruzioni **EFL36500** EFL36750 DE HINWIES Allen Anweisungen, Garantien und anderen zugehörigen Dokumenten sind...

lang:de **score:30** filesize: 6.51 M page_count: 18 document date: 2022-06-06



[\[pdf\]](#) User Manual Instructions

Night Radian 2 0m Tower Hobbies Scan the QR code and select Manuals Support quick links from product page for most up-to-date manual information EFL36500-Manual-FR towerhobbies on demandware static Sites-horizon-master default dwb52e0e20 horizonhobby Astramodel

Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... i pi aggiornate. Instruction Manual Bedienungsanleitung Manuel d utilisation Manuale di Istruzioni **EFL36500** EFL36750 FR REMARQUE Toutes les instructions, garanties et autres documents de garantie...

lang:fr **score:29** filesize: 7.14 M page_count: 18 document date: 2021-05-14



[\[pdf\]](#)

Night Radian 2 0m SAFE BNF PNP Vlastnosti Integrované LED osvětlení s vysokou viditelností Více než 100 různých kombinací barev sekvencí a variant Výškovka se symetrickým profilem integrovanými EFL36500 2m astramodel cz html pages newsletters

Night Radian 2.0m SAFE BNF PNP Prostor pro elektroniku Sklopn vrtule, přhledn kabina Pod odklpcm ... digitln serva, elektronika osvten a pijmac AR631. Konstrukce z EPO, zeny smrovka, vskovka a motor **EFL36500** EFL36750 Vhradn dovozce produkt firmy Horizon Hobby, LLC. ASTRA, spol. s r.o., Praksick 25...

lang:hr **score:25** filesize: 786.43 K page_count: 1 document date: 2021-07-20



[pdf] User Manual Catalog

docId EF77301534974C52E53803BD988F79B0 Radian nocturno 2 0 m 31 мая 2024 г — Escanee el código QR y seleccione los enlaces rápidos de Manuales asistencia en la página del producto para obtener información más actualizada EFL36500 Manual ES 20240531 112540 modelcar pt files catalog ||| Radian nocturno 2,0 m Escanee el código QR y seleccione los enlaces rápidos de Manuales y asistencia ... con más detallada. instrucciones Bedienungsanleitung Manuel d'utilisation Manuale di Istruzioni **EFL36500** EFL36750 ES AVISO Todas las instrucciones, garantías y otros documentos colaterales están ... lang:es score:25 filesize: 2.64 M page_count: 21 document date: 2024-05-31



[pdf]

Herunterladen E Flite SEGLER NIGHT RADIAN 2000mm EP BNB BNF Basic mit AS3X und SAFE Select OHNE W Führungsrabatt LEMEFL36500 HobbyTime ch index dispatch attachments getfile attachment id 3331 hobbytime ||| E-flite Night Radian 2.0m BNF Basic/PNP Motor Glider 15.07.2021 GLIDING LIGHT, ALL DAY AND ALL NI ... : www.HorizonHobby.de For a more detailed information please visit: www.HorizonHobby.de Itemnumber **EFL36500** EFL36750 Description Night Radian 2.0m BNF Basic Night Radian 2.0m PNP RRP in 249,99 229... lang:en score:23 filesize: 677.59 K page_count: 8 document date: 2021-07-15



[pdf] User Manual

Untitled Night Radian 2 0m E Flite Anleitung Modellmarkt24 ch modellmarkt24 ||| Night Radian 2.0m Scan the QR code and select the Manuals and Support quick links from the product ... quickly Manuals e Supporto dalla pagina del prodotto per le informazioni manuali più aggiornate. **EFL36500** Instruction Manual Bedienungsanleitung Manuel d'utilisation Manuale di Istruzioni wwwwww..... lang:de score:16 filesize: 2.63 M page_count: 18 document date: 2021-07-27