



EXOLANDER[®] SYSTEMS FOR AUTEL EVO II


























700-XLS-II | 700-XPS-II | 700-XSS-II | 700-3AR-II | 700-XSPS-II

PRODUCT MANUAL

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EXOLANDER® SYSTEMS

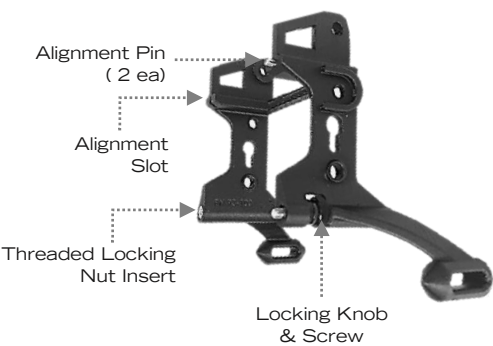
	EVO II Saddle Mount®	EXOLANDER®	Landing Skids	Manual Payload Delivery System®	D100 Drone Spotlight®
 EXOLANDER® Landing System for EVO II P/N 700-XLS-II				---	---
 EXOLANDER® Payload System for EVO II P/N 700-XPS-II					---
 EXOLANDER® Spotlight System for EVO II P/N 700-XSS-II				---	
 Autel EXOLANDER® System for EVO II P/N 700-3AR-II			---		
 EXOLANDER® Spotlight & Payload System for EVO II P/N 700-XSPS-II					

EXOLANDER® LANDING SYSTEM REFERENCE GUIDE

EVO II SADDLE MOUNT®



EXOLANDER® HALF



EXOLANDER® ASSEMBLED

EXOLANDER®
Mount Connector to
Saddle Mount® (4 ea)

Payload Delivery
Mounting Slot
(4 ea)

External Accessory
Snap Lock Mount
(4 ea)

D100® Mounting
Hole (4 ea)



Locking Knob &
Screw (2 ea)

LANDING SKIDS*
*Not included in P/N 700-3AR-II

EXOLANDER® Landing
Foot with Slot (4 ea)

Tab (4 ea)
per Skid

WHAT'S INCLUDED

-  EVO II Saddle Mount®
-  EXOLANDER®
-  Landing Skid (set of 2)*

*Not included in P/N 700-3AR-II

PHYSICAL CHARACTERISTICS

	DIMENSIONS	WEIGHT*
EVO II Saddle Mount®	2.52 x 3.4 x 3.5 in (64 x 86 x 89 mm)	1.0 oz (28.3 g)
EXOLANDER®, assembled	6.7 x 6.5 x 4.7 in (170 x 165 x 120 mm)	4.05 oz (114.7 g)
Landing Skid	8.66 x 0.96 x 0.6 in (220 x 24.3 x 15 mm)	0.45 oz (12.8 g) per skid

*Total Weight is 5.95 oz (168.6 g).

WARNING

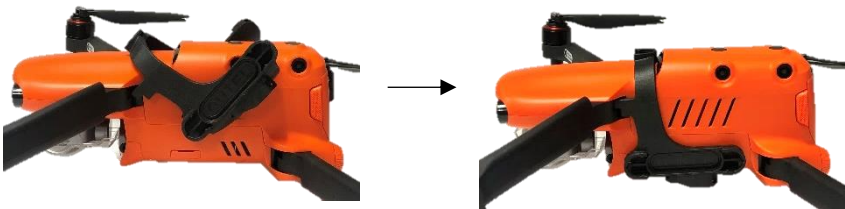


It is the responsibility of drone/UAV users to follow the FAA and global laws and regulations and/or the laws and regulations applicable to the flight location.

EXOLANDER® LANDING SYSTEM INSTALLATION

- ① Install Saddle Mount® on EVO II.

1. Slide the Saddle Mount® on EVO II and make sure that the two extensions fit behind the front arms of the EVO II and press down.



2 Install EXOLANDER® on Saddle Mount®.

1. Place EVO II with Saddle Mount® upside down on a flat surface.
2. Align the EXOLANDER® Half with Snap Lock locations on Saddle Mount® and slide in the EXOLANDER® Half at an angle as shown below. Make sure the foot is facing away from the center of the drone. Tilt the EXOLANDER® Half as shown.



3. Install the other EXOLANDER® Half in the open Saddle Snap Lock locations. Bring the units together and align the Pin into the Hole on each side.



4. Align Locking Knob & Screw and Thread Locking Nut Insert on each side.



5. Tighten each screw until the units are mated.



6. The EXOLANDER® installation is now complete.



7. To install the Landing Skid, align each Tab on Landing Skid with each Slot on the EXOLANDER® Landing Foot. Press and snap Landing Skid on.

WARNING:

Manually test the EXOLANDER® Landing System by wiggling it and making sure nothing is loose. Note that a small amount of movement between the structure and the UAV has been created, at the request of AUTEL, to eliminate adding unnecessary forces to the vehicle's structure.

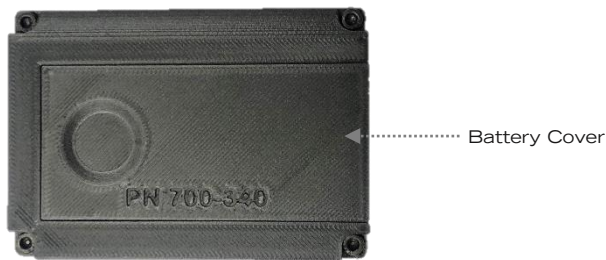
D100 DRONE SPOTLIGHT[®]

REFERENCE GUIDE





D100 Drone Spotlight[®]



Back View








WHAT'S INCLUDED

-  D100 Drone Spotlight®
-  Mounting Knob (2 ea)
-  18650 Lithium-Ion Battery (2 ea)
-  XTAR Battery Charger

PHYSICAL CHARACTERISTICS

DIMENSIONS	3.46 x 2.03 x 2.46 in (88 x 51.5 x 62.5 mm)
WEIGHT	8.92 oz (253 g) 12.23 oz (346.6 g) with provided 18650 batteries

WARNINGS

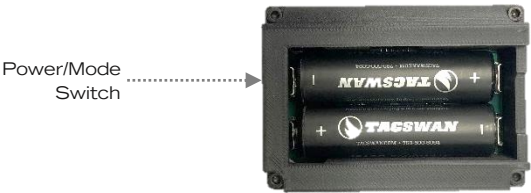
-  Please fully charge the provided 18650 batteries before using the D100® for the first time.
-  Do not stare into the LEDs for long periods of time or from close range (less than 2 ft / 0.6 m)
-  While using any FoxFury product, please operate at safe speeds.
-  It is the responsibility of drone/UAV users to follow the FAA and global laws and regulations and/or the laws and regulations applicable to the flight location.
-  The D100® will become hot to touch after 20 min of continuous use. Please handle carefully by avoiding contact with the metal heatsink.

BATTERY

- ❖ D100® requires two (2) 18650 batteries.
- ❖ Mixing of new and used, or different brand batteries, is not recommended as this could lead to leakage or explosion.

BATTERY INSTALLATION AND REPLACEMENT

- 1 Slide the battery cover open and insert the battery according to the plus (+) and minus (-) symbol located inside of the battery compartment.
- 2 Once batteries are installed, test the light's performance by activating the Power/Mode Switch. Slide the battery cover back on.



CHARGING BATTERY

Refer to the instruction manual provided with the XTAR Battery Charger.

OPERATIONAL MODES

OPERATIONAL MODES

- ❖ Press and hold Power/Mode Button to turn the light ON.
- ❖ Press Power/Mode Button again to change the mode to STROBE.
- ❖ Press Power/Mode Button again to turn the light OFF.

MODE	LUMENS	BATTERY LIFE
ON	2,300	70 minutes
TURBO-STROBE	2,300	140 minutes

D100[®] INSTALLATION

ITEMS REQUIRED:

❖ EXOLANDER[®] Landing System

① Install EXOLANDER[®] Landing System on EVO II. Reference p.5 - 7.

② Install D100[®] on EXOLANDER[®] Landing System.

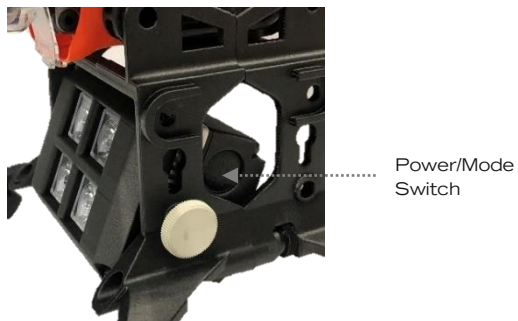
1. Insert each Mounting Knob in the D100[®] Mounting Hole of the forward-facing section of EXOLANDER[®].



2. Align the Mounting Knobs with the 1/4-20 threaded screw holes on D100[®] to install D100[®] on EXOLANDER[®]. Make sure the switch cover faces the right side (facing the unit). Note that the curved rear edge should be on the top.



3. Tilt D100® to access the Switch and turn it on to desired mode.









4. Adjust the tilt of D100® to desired angle and tighten the Mounting Knobs.



MANUAL PAYLOAD DELIVERY SYSTEM[®] REFERENCE GUIDE







WHAT'S INCLUDED

-  Payload Delivery Unit with Cross Bar
-  Handle/Cord Reel with 550 Paracord (20 ft / 6.1 m)
-  1/4 x 1 1/2 QR Pin with Ring
-  Key Ring (38 mm diameter)
-  Carabiner with Ring
-  Payload Delivery Bag

PHYSICAL CHARACTERISTICS



WEIGHT	6.92 oz (196.3 g) - fully assembled 3.56 oz (101 g) – without bag
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WARNINGS

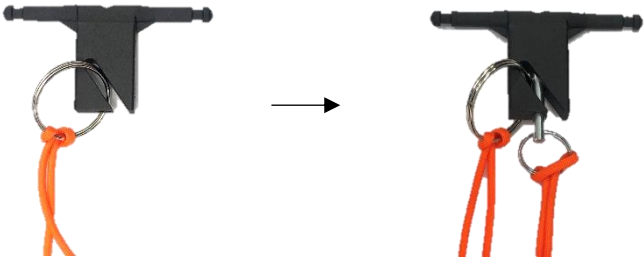
-  While using any FoxFury product, please operate at safe speeds.
-  It is the responsibility of drone/UAV users to follow the FAA and global laws and regulations and/or the laws and regulations applicable to the flight location.
-  If delivering with D100° installed, maximum payload is 14.1 oz (400 g).
-  If delivering without the D100° installed, maximum payload is 28.2 oz (800 g).

MANUAL PAYLOAD DELIVERY SYSTEM® INSTALLATION

ITEMS REQUIRED:

-  Saddle Mount® for EVO II
-  EXOLANDER® Landing System

- 1 Install EXOLANDER® Landing System on EVO II. Reference p.5 - 7.
- 2 Install Key Ring (38 mm Diameter) and 1/4 x 1½ QR Pin with Ring on the Payload Delivery Unit with Cross Bar if not already installed.



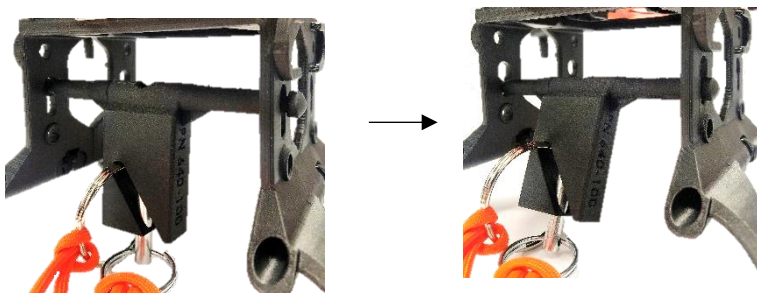
3 Install Payload Delivery Unit with Cross Bar on the rear of EXOLANDER®.

1. Locate Payload Delivery Mounting Slots on the rear of EXOLANDER®.



Payload Delivery Mounting Slot

2. Align the Cross Bar on the top hole of the Payload Delivery Mounting Slot and slide it down to lock in place.



PAYLOAD DELIVERY

- Insert the payload inside the Payload Delivery Bag.
- Place the bag with payload behind EVO II, about 24 in (61 cm) away.
- Unwind the Paracord and fly EVO II.
- To release payload, simply pull on the Handle with a force of 2 - 4 lbs (0.9 - 1.8 kg). Note that this effort will translate into minimal movement on the EVO II.

RECOMMENDED PAYLOAD FOR DELIVERY

- ❖ EXOLANDER® Landing System: 0.37 lbs (168.6 g)
- ❖ D100®: 0.76 lbs (346.6 g)
- ❖ Manual Payload Delivery System®: 0.43 lbs (196.3 g)

Below is the recommended payload for delivery based on reported measurements by professional users.

Configuration	Total Payload & Flight Time
EXOLANDER®	No Limitations
EXOLANDER® + 2 D3060 Lights	No Limitations
EXOLANDER® + D100	No Limitations
EXOLANDER® + D100 + 2 D3060 lights	No Limitations
EXOLANDER® + Manual Payload Delivery System® w/o No Bag	1.0 lb (454 g) No Time Limitation Ambient temperature dependent; keep an eye on battery temperature*
EXOLANDER® + Manual Payload Delivery System® with Bag	0.7 lbs (317.5 g) 15 Minutes Max Ambient temperature dependent; keep an eye on battery temperature*
EXOLANDER® + D100® + Manual Payload Delivery System®	0.5 - 0.7 lbs (227 – 317.5 g) 5 - 7 Minutes Max Ambient temperature dependent; keep an eye on battery temperature*
EXOLANDER® + 2 D3060 lights + Manual Payload Delivery System®	0.1 lb (45.4 g) 12-15 Minutes Max Ambient temperature dependent; keep an eye on battery temperature*

* Keep the payload at a maximum of 3 ft (91 cm) below the aircraft and keep monitoring the battery temperature.

WARRANTY AND OTHER INFORMATION

PRODUCT DURABILITY



CARE/CLEANING

Your FoxFury product is a professional tool. Regular maintenance and care of your light will maximize performance for you. As needed, clean your FoxFury product using a soft washcloth. Do not immerse.

ACCESSORIES

- ◈ Rechargeable 18650 Li-Ion Battery (P/N 70-18650T)
- ◈ Battery Charger (P/N 600-155)

WARNINGS

FoxFury, LLC is not responsible for the incorrect use of any FoxFury Lighting product.

- ◈ When used for extended periods of time the D100® will become HOT to the touch. Please use care when operating.
- ◈ Lights are strong enough to cause damage to the human eye.
- ◈ Do not stare into LEDs for long periods of time or from a close range (less than 2 ft / 0.6 m).

FoxFury, LLC is not responsible for any injury or damage caused during the use of this product.

- ◈ Usage of this product must be supervised by an adult when it is being used by a minor.
- ◈ Any FoxFury product should be operated at speeds safe enough to maneuver around surrounding obstacles.
- ◈ Do not use under the influence of drugs or alcohol.

ONE YEAR WARRANTY

FoxFury, LLC ("FoxFury") warrants this product to be free from defects in material for one year after purchase. Li-Ion batteries have a one year pro-rated or 500 re-charge cycle pro-rated warranty, whichever the user reaches first.

This warranty is given only to the original end user of the accompanying product. If you purchased a product from someone other than an authorized FoxFury reseller/distributor or if the product was used, (including but not limited to demo models, show models or refurbished product by someone other than FoxFury) prior to your purchase, you are not the Original Purchaser and the product that you purchased is not covered by this warranty. This warranty is VOID if this Product has been altered or modified in any way (including but not limited to attempted warranty repair without authorization from FoxFury and/or alteration/removal of the serial number). To expedite warranty concerns, we encourage the end user to register their FoxFury Product at

www.foxfury.com/pages/warrantyregistration.

THIS IS THE ONLY WARRANTY, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES ARE EXPRESSLY DISCLAIMED EXCEPT WHERE SUCH LIMITATION IS PROHIBITED BY LAW.

You may have other specific legal rights which vary by jurisdiction. Go to www.foxfury.com/pages/warranty for a complete copy of the warranty. Retain your receipt for proof of purchase.

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All FoxFury products are designed in Oceanside, CA. All FoxFury products are manufactured with the highest quality USA and foreign parts. Products are assembled in either FoxFury's controlled plant in Asia or the USA, under strict quality control.

CALIFORNIA PROPOSITION 65

This product can expose you to chemicals including Lead and DEHP, which are known to the State of

California to cause cancer and birth defects or other reproductive harm.

For more information go to www.P65Warnings.ca.gov.

