



Night Flight Module Operating Instructions



hobbyzone®
radio control sports®

7020

Congratulations on your purchase of the new revolutionary **Night Flight Module** (NFM). This module allows you the opportunity to fly your X-Port™ equipped HobbyZone® or ParkZone™ airplane at night by using super bright LEDs to reflect off the white wing, tail and fuselage. The NFM allows you to choose between several light options, and even change from one to another during the flight.

Prior to taking to the skies in the dark of night, please read these instructions carefully.

The NFM is recommended only for advanced pilots. Flying at night without view of the entire plane is much more difficult than flying in the daytime, so be cautious. Please follow these guidelines in order to allow the most success.

Before Flying

- Always choose a wide-open space for flying. Make sure the area is free of buildings, trees, cars and any other obstacle that could block your view or be hit by the plane.
- If you are inexperienced at flying with reduced visibility, have an experienced night flyer help you.
- Never fly near people.
- Do not attempt to fly beyond your capabilities.
- Prior to taking to the air in the dark, make certain the NFM is functioning correctly, and that you have a clear perspective of the aircraft while it is on the ground.
- You should test-fly the module and make trim adjustments to your aircraft during the day, before flying at night. Trim the aircraft for slow, steady flying.

Before Flying, continued

- Many people initially find it easier to fly somewhat overhead, so they can see more of the wing. In the daylight, practice launching the plane, then circling back overhead so you have the 'feel' for this maneuver.

Flying Tips

- Fly around slowly and familiarize yourself with the NFM before trying any aerobatics or other maneuvers that could place you, others, your aircraft, or property at risk.
- It is easier to see and make use of the super bright LEDs when it is completely dark. The LEDs on the NFM will not be as useful when it is dusk.
- You should night fly only in calm winds. Wind makes night flying much more difficult.

Compatible Aircraft

We recommend only the following X-Port equipped aircraft with the NFM:

HBZ2500 Firebird Commander™
With stock white wing and tail.

HBZ3500 Aerobird Challenger™
Only with optional white wing and tail.

PKZ1300 Slo-V™
The ideal airplane for the NFM due to its slow-flying characteristics.

Attaching and Testing

To attach and test your NFM, follow these simple steps:

- Turn on transmitter.
- Install and plug in flight battery into aircraft.
- Plug in NFM into X-Port.
- Attach NFM to its designed area.
Note: For use with the Slo-V, it will be necessary to attach it to the specific X-Port tray that is included with your Slo-V (see page 12 of Slo-V manual).
- Test and make sure the LEDs properly illuminate the wing and tail. In some cases, it may be necessary to make some minor angle changes of the NFM as it is secured (2-sided tape is useful for this). Do not fly until you can see the wing and tail clearly in the darkness.
- There is no on/off switch for the NFM. The NFM will illuminate as soon as it is plugged into an X-Port equipped aircraft that has the flight battery installed and ready to fly.

Light Patterns

Your NFM comes with the ability to change modes and alter the LED blinking. Simply activate the X-Port from the transmitter (as described in your plane's manual) for ½ second to change the LED pattern.

Option 1: When you initially plug in the NFM (and the plane is powered up), all of the LEDs will be ON (steady). This is the default mode and is the easiest way to get used to flying with the NFM.

Option 2: Push the X-Port button on the transmitter for approximately ½ second and the front four LEDs (that illuminate the wing and fuselage) will alternate/signal.

Option 3: Push the X-Port button again, and the front four LEDs will "strobe."

Light Patterns, continued

Option 4: Push the X-Port button once more and the front four LEDs will sequence.

(Press again to go back to all ON)

You can repeatedly change options in flight by simply continuing to push the X-Port button on the transmitter.

If you have any questions regarding the HobbyZone Night Flight Module, please feel free to call our product support hotline at 1-877-504-0233.

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