In electric helicopters, it is recommended that double-sided foam tape be used to secure the AR6110 installed in Helis. In electric airplanes, it is recommended that double-sided foam tape be used to secure the AR6110 installed in airplanes.

Input Voltage Range: 3.5–9.6V

Weight: AR6110 – 3.5 g

Modulation: DSM

Channels: 6

Type: Parkflyer

• Red LED indicates number of holds
• Available with Vertical or End-Pin configuration for specific installations
• QuickConnect
• 6-Channel Park flyer receiver

Features
Module Systems.

The AR6110/AR6110e receivers are not compatible with the DX6 park flyer radio system. LED technology and is compatible with all Spektrum DSM technology.

To bind an AR6110/AR6110e to a DSM2 transmitter, insert the bind plug in the BATT/BIND port on the back of the receiver. Power the receiver. Note that the LED on the receiver should be flashing, indicating that the receiver is in “bind mode” ready to be bound to the transmitter.

1. While the model rests on the ground, plug in the receiver, and switch the transmitter to the specific code of the transmitter so it will only connect to that specific transmitter.

2. Face the model with the transmitter in your normal flying position and place your transmitter into the BATT/BIND port on the back of the receiver.

3. After the system makes a connection, if loss of signal occurs, the transmitter will reconnect typically within 2.5 seconds. Once connected, the LED on the receiver will go solid indicating the system is operational.

4. In electric aircraft, when the receiver only is turned on (no transmittersignal is present), the throttle lead into the throttle (THRO) port. Proceed to Step #2.

1. With the receiver installed on a test aircraft with the switch harness, batteries, regulator, etc. plugged in, the receiver will automatically attempt to rebind to the transmitter that it was connected to.

2. When power is restored the receiver immediately attempts to rebind to the transmitter it last connected to. If the receiver is not found, the transmitter will receive a new GUID.

QuickConnect with Brownout Detection is designed to allow you to fly safely through most short duration power interruptions.
A: The receiver will never lose its bind unless it's instructed to. It's important to understand that

A: All DSM receivers have an operational voltage range of 3.5 to 9 volts. With most systems this is

2. Q: Sometimes the system takes longer to connect and sometimes it doesn't connect

bind button before turning on the transmitter also causing the system to "lose its bind." and in essence the transmitter has been "unbound" from the receiver. We've had several DX7

is present, the transmitter no longer has the correct information to connect to a specific receiver

into bind mode, the transmitter looks for the binding protocol signal from a receiver. If no signal

requirement section as this explains how to test for and prevent this occurrence.

and finding the transmitter) and this can take several seconds. Please read the receiver power

(3.5 volts), the DSM receiver must reboot (go through the startup process of scanning the band

loads can cause the voltage to dip below this 3.5-volt threshold thus causing the entire system

not a problem as in fact most servos cease to operate at around 3.8 volts. When using multiple

connects immediately (4ms) when signal is regained.

from metal objects or moving the transmitter away from the receiver and powering the system

again will cause a connection to occur. This only happens during the initial connection. Once

Warranty Inspection and Repairs

In the event of a defect, the warranty inspection is the Purchaser's only remedy. Proof of purchase is required for warranty claims. Further, Horizon reserves the right to refuse repairs or replacement if the warranty period has expired, if the product is not returned for inspection or repair within 8 days of notification of the defect or if the product is not returned in accordance with Horizon’s instructions as mentioned in this section.

Damage Limits

HORIZON SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, LOSS OF PROFITS

(a) Verify the battery voltage is at the recommended level. In most applications, the battery voltage is the only voltage that controls the performance of the system. In the event of a low battery voltage, the frequency response of the system will suffer.

Safety Precautions

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If this product is to be repaired or replaced, please call for a Return Merchandise Authorization (RMA). A credit will be issued for the return of the defective product if the RMA is approved. The item being returned must have a RMA number assigned to it. In the event of return or replacement of defective equipment, please follow the instructions for returning the product as specified by Horizon. Horizon will pay the cost of return transportation within the U.S. for returns falling under warranty.

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