FrSky 2.4GHz ACCST X8R Manual

Introduction
Thank you for purchasing FrSky X8R 8/16ch full duplex telemetry receiver. In order to fully enjoy the benefits of this system, please read the instruction manual carefully and set up the device as described below.

Overview

Binding Procedure

1. Place the model at least 60cm (two feet) above non-metal contaminated ground (e.g. on a wooden bench).
2. The receiver antennas should be separated in the model, and do not touch the ground.
3. Press briefly the F/S button on the receiver (less than 1 second). The Green LED will flash twice, indicating the binding process is completed.

Note: After binding procedure is completed, recycle the power and check if the receiver is really under control by linked transmitter.

Receiver Mode and Binding Operation:

<table>
<thead>
<tr>
<th>Mode of X8R</th>
<th>Telemetry Channel Output</th>
<th>Receiver Mode select &amp; Bind Operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mode 1(D8)</td>
<td>√</td>
<td>CH1~CH8</td>
</tr>
<tr>
<td>Mode 2(D16)</td>
<td>×</td>
<td>CH1~CH8 CH7&amp;CH8</td>
</tr>
<tr>
<td>Mode 3(D16)</td>
<td>×</td>
<td>CH9~CH16 CH1&amp;CH2</td>
</tr>
<tr>
<td>Mode 4(D16)</td>
<td>√</td>
<td>CH9~CH16 CH1&amp;CH2 CH3&amp;CH4</td>
</tr>
<tr>
<td>Mode 5(D16)</td>
<td>√</td>
<td>CH1~CH8</td>
</tr>
</tbody>
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When combine two X8R to become a 16CH receiver, you need to disable telemetry on either one of the two X8R's as above chart.

X8R-EU version only works with FrSky Taranis X9D Plus-EU version/XJT-EU version in D16-EU mode.

Range Check

A pre-flight range check should be done before each flying session. Reflections from nearby metal fences, concrete buildings or tress can cause loss of signal both during range check and during the flight. Follow the steps below to perform the range check.

1. Walk away from the model while simultaneously operating the controls on the transmitter to confirm all controls' normal operation.
2. The receiver antennas should be separated in the model, and do not touch the ground.
3. Turn on the transmitter and the receiver, press the F/S button on the XJT module for 4 seconds to enter range check mode, the RED LED will be off, GREEN LED will flash rapidly. The effective distance will be decreased to 1/30 (at least 30m).
4. Walk away from the model while simultaneously operating the controls on the transmitter to confirm all controls' normal operation.
5. The RED LED on the XJT module for 1~2 seconds to exit range check mode. RED LED will be back on, indicating normal operation is back.

Failsafe

Failsafe is a useful feature in which all controls move to a preset position whenever the control signal is lost for a period of time. X8R supports failsafe function for all channels. Follow the steps below to set failsafe positions for each channel:

1. Place the model at least 60cm (two feet) above non-metal contaminated ground (e.g. on a wooden bench).
2. The receiver antennas should be separated in the model, and do not touch the ground.
3. The module antenna should be in a vertical position.
4. Turn on the transmitter and the receiver, press the F/S button on the XJT module for 4 seconds to enter range check mode, the RED LED will be off, GREEN LED will flash rapidly. The effective distance will be decreased to 1/30 (at least 30m).
5. Walk away from the model while simultaneously operating the controls on the transmitter to confirm all controls' normal operation.
6. The RED LED on the XJT module for 1~2 seconds to exit range check mode.

To disable the failsafe function, re-bind the receiver.

Failsafe is recommended to set when system is firstly used, or receiver has been re-bound. Follow steps below to set failsafe.

Option 1: How to set failsafe to a user-determined state on lost signal:
1) Bind the receiver to the transmitter module first and turn on both the transmitter and the receiver;
2) Move the controls to desired position for all channels;
3) Press briefly the F/S button on the receiver (less than 1 second). The Red LED will flash twice, indicating the failsafe position has been set in the receiver.

Note: After binding procedure is completed, recycle the power and check if the receiver is really under control by linked transmitter.

For more details, please check the complete manual for X8R from www.frsky-rc.com - Download - Manual. Should you have other questions, please send e-mails to FrSky technical support sales4tech@gmail.com.