

# Binding the receiver to the Spectrum DX5e

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The Binding of the receiver to the transmitter works as follows:

## Receiver

1. Switch in all servos to the according plugs. So for example:

Burner 1 = AILE

Burner 2 = ELEVEN

Marker / rope = THRO

Pilotlight = GEAR

Battery = AUX

2. Plug the binding plug into battery plug.

Warning: Note that the minus for the connectors (black or brown) on receiver is pointing downward.

3. Move the stick to fail safe position for maker/rope so that (rope falls down)

4. Switch on the battery of the receiver.

- Receiver flashes

## Sender

A. Switch on and hold training switch

B. Switch on transmitter

C. Release training switch after about 8 seconds and wait until the receiver shines permanently.

D. Now the receiver is bound and the failsafe positions are saved. Perform a functional test.

E. Then, first switch off the receiver and then the transmitter. Now you can unplug the binding plug. The battery plug may remain in AUX.

F. To switch on the radio, first switch on the transmitter first and then the receiver. The transmitter then searches for free channels. That can sometimes take a few seconds.

Note:

Sometimes it take long to establish a connection or sometimes it is not possible to get a connection.

To establish a connection (after the binding of the receiver), the receiver has to receive a large number of consecutive packets received, none of which may be affected and must be perfect before a connection is allowed. This process is necessary to ensure that the system works best possible after establishing the connection. If the transmitter is too close to the receiver (less than 1.2m), or the transmitter is located close to metal surfaces, such as transmitter suitcases, workbench, etc., the period to establish a connection will be extended. Sometimes the connection can not be established, because the system receives reflections of the 2.4GHz signals and they act as unwanted noise. In this case the connection can be established by positioning the transmitter further away from the receiver or from the sources of interference. Switch the system off and on again. The connection is usually established. This is only for the initialization of the system after powering on. The connection is stable, once the connection is established. Should a loss occur, the system will go into failsafe and connection will be re-established within 4 ms when the signal is received again.