

Connecting the REX Assist receiver when multiple receivers are used

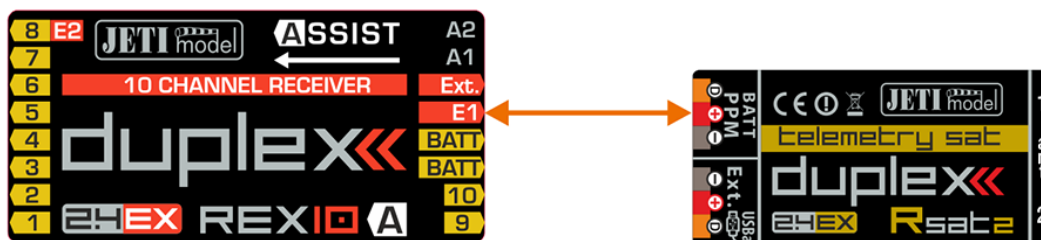
Central Box - REX Assist



If you plan to use the REX Assist receiver in combination with any additional receiver or Central Box, this article provides you several possibilities of how to connect and set up the devices.

Satellite receiver connection

A satellite receiver (such as RSAT2 or REX3) can be connected to the E1 or E2 port on the REX A receiver. In this case, REX A acts as the main receiver with activated flight stabilization and RSAT2 is used as a backup in case signal loss occurs. You can additionally use the Double Path mode in your transmitter.



REX A settings:

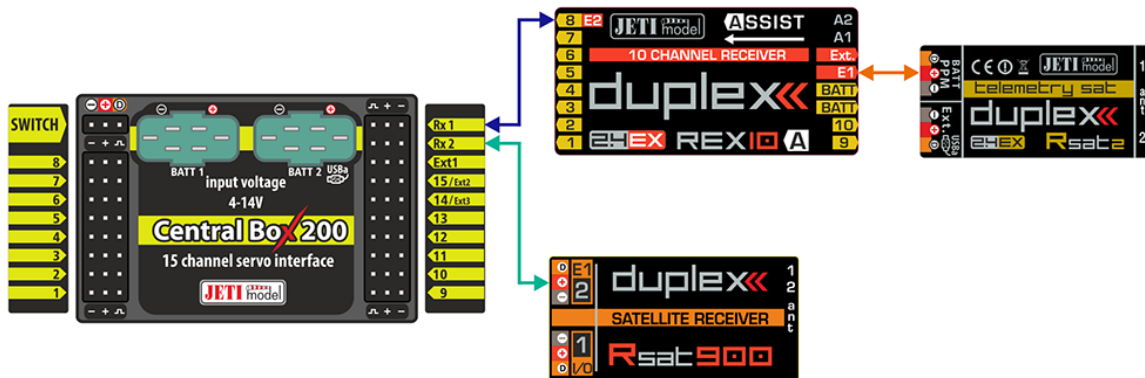
Fail-Safe	Fail-Safe type	Output period	E1	E2	Stabilize EX Bus
Enabled	Intelligent	7-20ms	PPM Input	E.g. Sensor	NO

RSat2 or REX3 settings:

Fail-Safe	Output period	Output type	Receiver mode	PPM mode
Disabled	Auto	PPM positive	Normal	Direct

Central Box connection

The REX A receivers can generate the EX Bus serial output with up to 16 stabilized servo channels. This stabilized output can be used for airplane models equipped with a Central Box.



REX A settings:

Fail-Safe	Fail-Safe type	Output period	E1	E2	Stabilize EX Bus
Enabled	Intelligent	7-20ms	PPM Input	EX Bus	YES

RSat2, REX3 or RSat 900 *) settings:

Fail-Safe	Output period	Output type	Receiver mode	PPM mode
Disabled	Auto	PPM positive	Normal	Direct

*) The RSat 900 (or anything connected to the Rx2 port of Central Box) is only a supplementary device. The Central Box should never switch to this backup receiver while the REX A is functioning correctly. REX A stabilizes the EX Bus output always, even if it does not have signal from the transmitter.