

R8SF and R4SF Instruction manual

Thank you for purchasing CORONA's S-FHSS compatible receiver. This production can supply enhancement smooth flight with FUTABA S-FHSS link.

Compatibility:

CORONA 2.4GHz S-FHSS Compatible Receiver is designed to use with FUTABA S-FHSS 2.4GHz transmitters, such as T6J,T8J,T10J and T14SG under S-FHSS protocol mode.

Feature:

- *8ch and 4ch servo channels in R8SF and R4SF under normal status.*
- *S.BUS output support expanding servo channels on the 8th channel of R8SF and the 4th channel of R4SF under special status.*
- *20.4mS latency under normal status after bind support analog servos,13.6mS latency under special status supply enhancement smooth flight with digital servos.*

Specifications:

- Voltage Range :3.6~8.5V
- Operating Current: 60mA max and 45mA under linked
- Operation temperature: -10~70 degC
- Latency: 13.6mS or 20.4mS
- Sensitivity: about -100dBm for R8SF and -95dBm for R4SF
- Weight: 11g for R8SF and 7g for R4SF

Bind procedure:

- Turn on the S-FHSS transmitter, leave it 0.5M~1M away the receiver.
- Connect the battery to the receiver while pressing receiver's F/S button.
- Red LED light on and Green LED off when searching signals, and turn to Green LED light on and Red LED off indicate bind is succeeded.

Fail-safe setting:

R8SF or R4SF set failsafe on the S-FHSS transmitter just like the operation of the FUTABA receivers. We highly recommend you set failsafe feature while flying your models. An example of a useful Failsafe setting would be to shut down the model's throttle, so that it does not fly or drive away uncontrolled.

Special/Normal mode switch guide:

If your receiver has been linked with your transmitter, please power off your transmitter. When your receiver's LED light red, push down and hold the button on your receiver for more than 6 seconds and not more than 10 seconds, release the button to see the green led flash, push down the button again right now, receiver get back to light red. Now the MODE status has

changed between Special mode and Normal mode. When green led flash low indicate normal mode to special mode, and green led flash fast indicate special mode to normal mode.

Under the special mode status, you can get S.BUS output feature on the last servo channel, other channels not changed.

NOTE: if you want to reset the receiver to normal mode, you can rebind the receiver to your transmitter.

Servo selection guide:

If you want to take analog servos on the model, please take normal mode.

If you want to get more smooth flight feeling, please take digital servos and switch receiver to special mode.

LED status indicated under normal working status:

RED LED	GREEN LED	Status
on	off	No signal searched
off	solid	Signal is very good
off	flash	Signal is not very good
off	off-flash	Signal is weak