

R8DM /R6DM /R4DM Instruction manual

Thank you for purchasing CORONA's DMSS compatible receiver. This production can supply enhancement smooth flight with JR DMSS link.

Compatibility:

CORONA 2.4GHz DMSS Compatible Receiver is designed to use with JR DMSS 2.4GHz transmitters, such as XG6,XG7,XG8 ,XG11 and XG14 under DMSS protocol mode.

Feature:

- *8ch,6ch and 4ch servo channels in R8DM,R6DM and R4DM under normal status.*
- *S.BUS output support expanding servo channels on the 8th channel of R8DM, the 6th channel of R6DM and the 4th channel of R4DM under special status.*
- *13mS latency under linked with XG7,and 14mS latency under linked with other transmitters.*

Specifications:

- Voltage Range :3.6~8.5V
- Operating Current: 60mA max and 35mA under linked
- Operation temperature: -10~70 degC
- Latency: 13mS or 14mS
- Sensitivity: about -100dBm for R8DM , -98dBm for R6DM and -96dBm for R4DM
- Weight: 11g for R8DM , 8g for R6DM and 7g for R4DM

Bind procedure:

- Turn on the DMSS transmitter, leave it 0.5M~1M away the receiver.
- Connect a shorter on CH6 of R8DM , CH4 of R6DM and CH2 of R4DM(signal and GND) when bind with XG7; and connect a shorter on CH7 of R8DM, CH5 of R6DM and CH3 of R4DM when bind with other transmitters.
- Connect the battery to the receiver(CH1~CH5 or CH8 of R8DM , CH1~ CH3 or CH6 for R6DM, CH1 or CH4 of R4DM) while pressing down receiver'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:

R8DM, R6DM or R4DM set failsafe on the DMSS transmitter just like the operation of the JR's DMSS 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.

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