

F.A.Q. and Important Stuff to Read Before you Install

Can I alternate radio control configuration?

Yes, you can set your radio up differently from the method described in the manual (pg 16). This method will give you track motor controls on your left stick and turret functions on your right stick and has become the preferred method of our tank club for IR combat.

Radio Channel setup:

CH-IN 1 on the SLU to Channel 4 on the Hobby Radio Receiver (Rudd)

CH-IN 2 on the SLU to Channel 3 on the Hobby Radio Receiver (Thro)

CH-IN 3 on the SLU to Channel 2 on the Hobby Radio Receiver (Elev)

CH-IN 4 on the SLU to Channel 1 on the Hobby Radio Receiver (Aile)

NOTE: DO NOT ALTER THE CHANNEL SETUP FROM THE ESC TO THE SLU.

Right stick functions will be as follows:

Right stick down and right : MG

Right stick down and left: Engine Start/Stop

Right stick up: Cannon Fire

Right stick left/Right: Turret traverse

Right stick half up and left/right: Barrel elevation

Right stick half down and right: Lights

Right stick half down and left: Music/engine sound on/off

Left stick functions will be as follows:

Left stick up: go forward

Left stick down: go backwards/reverse

Left stick left: turn left

Left stick right: turn right

*note this receiver channels may differ between models. We have found it to work with Tactic Digital Radios.

I want to upgrade my speaker, what do you recommend?

I SLU can handle up to 15 Watts. In my experience a **4 ohm speaker** gives crisp and clear sound with an output of 8 watts. Tamiya makes a great speaker that sounds fantastic with the SLU.

My Recoil does not cycle properly. What's Wrong?

The most common problem is that your SLU still has a jumper attached to J3 (see pages 9 & 10). If the jumper is shorted then it is set for Airsoft and the motor will run as long as you throw the stick to fire the gun. If the Jumper is open, the recoil will cycle properly. We have confirmed this with both Tamiya recoil and Heng Long units.

If you are still having trouble, add the jumper, then cycle the recoil until the barrel is fully extended, then remove the jumper.

Wiring the Recoil/Airsoft Motor:



It has been discovered that the polarity of the Heng Long recoil/airsoft motor is opposite of the wire (red + / black -) that comes with the SLU kit. You will want to reverse the connections as to not damage the recoil/airsoft motor. So wire the red from the SLU to the negative on the motor, black from the SLU to the positive on the motor. The above pic has the correct wiring.

Can I mount the IR emitter in the Mantlet?



Yes. See the following pics on how I mounted my IR emitter in my Panther's mantlet. I mounted the emitter in a plastic tube with the tip of the emitter recessed 9mm from the opening of the tube. This gives the IR beam a tight pattern vs a shot gun light spray. The 9mm recess is widely recognized as the IR battling standard, but check with your local club first.

I then drilled out the airsoft light from the mantlet and glued the tube in place. Next I drilled a hole next to the receiver and ran the emitter wire through it and plugged it into the receiver. Be sure that the wire does not block any of the IR receivers.

When I wish to remove the receiver, all I have to do is unplug the emitter and close the hatch.