WHAT TO DO IMMEDIATELY AFTER UNBOXING

"Two Minute Test Drive"

Immediately after unboxing, the "two minute test drive" is used to verify that everything works exactly as the tank arrives out of the box, before you start applying the decals, cosmetic plastic accessory parts, opening the bag of BBs, etc. This is covered in the manual, but here is the step by step in more detail:

1) Unbox the tank and place it on the ground exactly as it arrives out of the box. Do not attach any accessories yet or unbox the boxes of parts.

2) Insert 6 AA batteries into the radio. 1.5V alkaline or NiMHs are recommended.

3) Locate the battery, it will have a storage charge on it that should be enough for a few minutes of easy driving.

4) Insert the battery into the battery bay under the tank.

5) Plug the battery into the tank's connector.

6) Turn the radio on via the sliding switch in the center of the radio between the two control sticks.

7) Turn the tank on (there's an On/Off switch under the tank, or in the case of the Tiger 1, it's under the driver's hatch as seen in its Build Overview video)

8) The tank's headlight will slowly flash. This tells you that the system is armed and ready to go.

9) Press the "Lock" button on the far right of the radio. This is the “ignition”. The tank will roar to life!

10) Press the "S" smoke button to turn smoke on and off. Note that it may take a minute or so for the smoke to heat up.

11) Press the "V" volume button several times and observe how each press makes the volume louder and louder, until it turns the sound off, then begins the cycle again. Select a volume you like.

12) Press the "G" and "K" buttons at the same time to cycle through four different sound sets. Leave it at the sound set you like, the radio will remember this setting the next time you turn the tank on. You can reset it at any time.
13) Press the "K" and "S" buttons at the same time as proscribed in the manual at the same time to cycle through the four levels of track recoil.

14) Press the machine gun button and verify that the machine gun sound and LED fires.

15) Hold down the machine gun button and press the shooting button at the same time to toggle the Airsoft firing sequence. You don't need to have an Airsoft BB loaded. Note, always point the barrel away, just in case there is still a BB in there from the factory testing.

16) Drive the tank forward and back with the right stick forward and back, and turn right and left with the right stick left and right. Notice that all the controls are proportional, meaning that you can do them slowly or quickly. Precise control at different speeds and control inputs will come with practice. For now, just move the sticks in all directions to verify the tank drives and turns in all directions. See the manual for how to fine-tune the radio settings for acceleration curve, sensitivity, max speed setting, etc.

17) Maneuver the turret with the left stick: Left and right traverse the turret left and right, and up and down elevate/depress the barrel up and down. Note, when you hear the "clack, clack, clack" sound, that means the turret or barrel has reached its endpoint. Cease giving it that control input.

18) After a minute or two, power down the tank, remove the battery, and plug it in with the included charger. DO NOT run the tank more than 2 minutes. Assuming everything works, congrats, your tank is fully operational! Proceed to installing the cosmetic parts. By the time you've installed all of them, your battery should be fully charged, then you can go out and play for stringently.

**RADIO DIAGRAM**

![Radio Diagram Image](www.motionrc.com)
WIRING DIAGRAM

Here is a wiring diagram that applies to all TK6 tanks from Heng Long. A printed copy is included in the instruction manual of every Tank.
Here are the major electronic components housed inside your Heng Long TK6 tank. Note, the stock battery included with all Heng Long 1/16 tanks is a 2s 7.4V 1800mAh Li-Ion battery.