

T2-27F-W Radio Controller Instruction Manual

1. Summarize of circuit

The T2-27F-W controller is made up with High-Frequency (HF short for as follows) circuit and Low-Frequency (LF short for as follows) circuit. Separately, the HF part include RF Oscillation, RF Amplifier, Power Amplifier and Matched Impedance Antenna circuit, and Modulation Signal Source, Shaping circuit are included in the LF part.

The controller has 2 sticks, the left for controlling the fly speed and altitude, total 4 levels. The right stick is for controlling the direction to turn left or right.

2. Electronic Specification

- Operation Frequency: 27.045Mhz and 27.195Mhz
- Operation Mode: FM
- Modulation Degree: KHz (=Standard Frequency)
- Output Power: $\leq 250\text{Mw}$
- Operation Voltage: 9 V
- Operation Current: $< 50\text{mA}$

3. Using Guide

3.1 Installing 8 cells “AA” size Nicd or NiNH batteries into the battery case of controller.

3.2 Pull the antenna out, the Green light will glow. Handle the stick, and then the controller is ready to work.

3.3 Turn off both the airplane and controller. Pull out the charger cord from the back of the controller; gently plug the charge cord into he airplane, then turn on the controller, both the Green and Red lights glow. Charging is complete 15 minutes later when the Red light gets out.

3.4 When the Green light getting dark, the controller range will reduce distinct, now need exchange the battery soon.

3.5 Please note the attached top and bottom views about the controller.

Remark: The antenna is permanently attached.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC NOTE:

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.