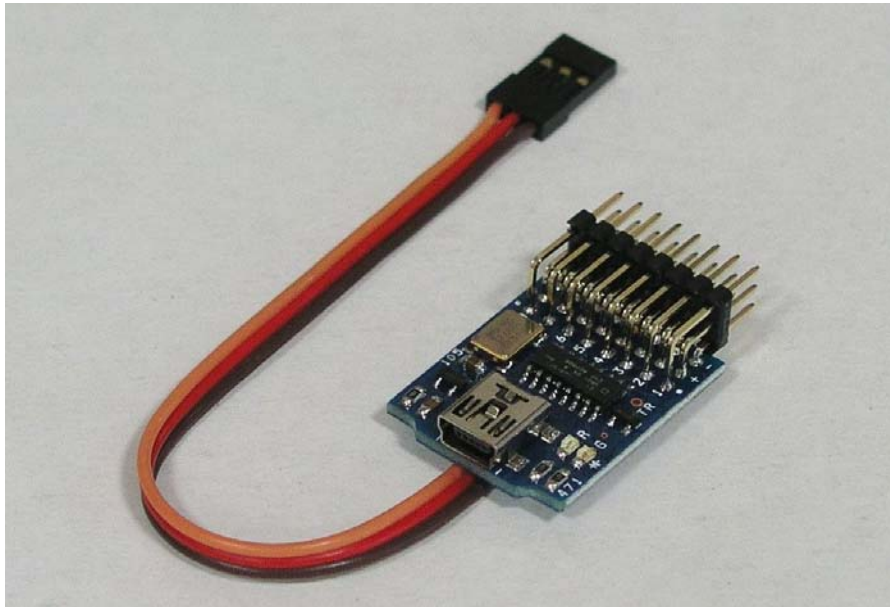


USB programmable retract & door Sequencer

SC271



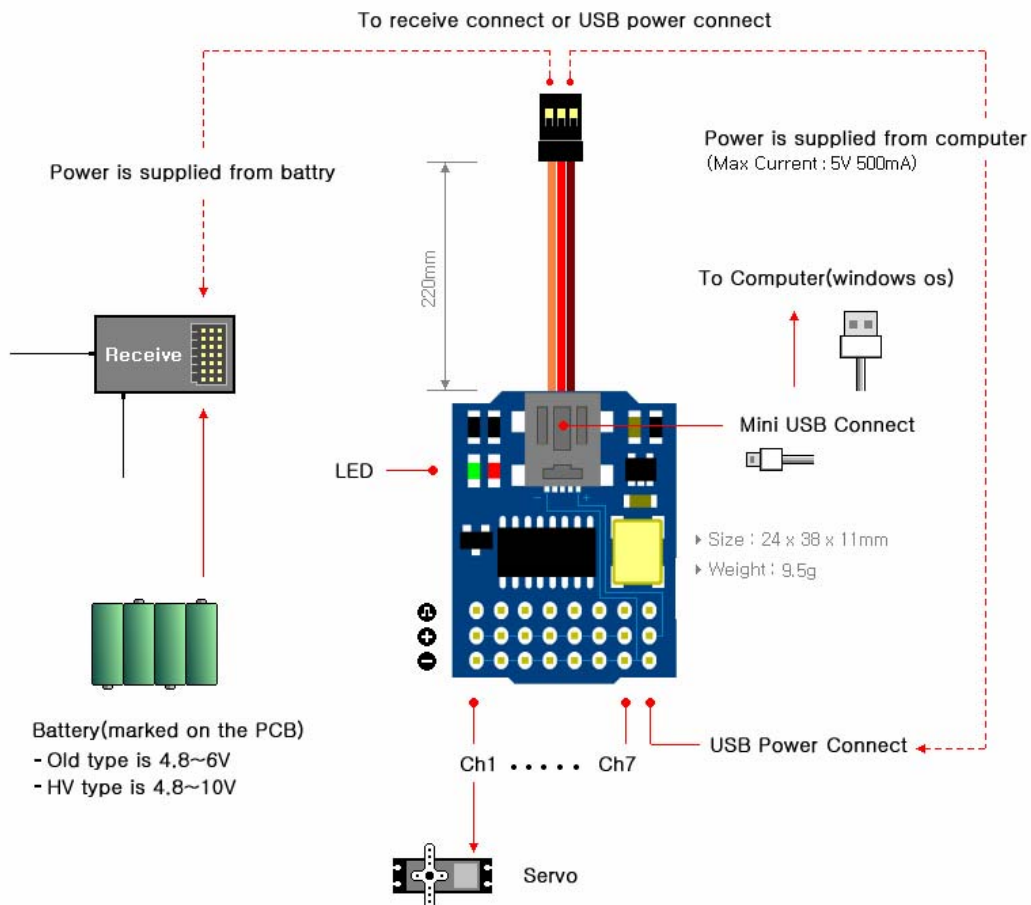
> Product Overview

R/C Planes with door on landing gear needs to be controlled sequentially. You can do this if there are extra channels on a receiver. However, if there is not enough channel, nor 'Delay Mix' feature, you can use this "Sequencer" to control.

> Specification

- input 1CH : Connect to Landing gear channel on receiver
- output 7CH : Connect to Landing gear and door servomotor(controlled separately)
- voltage : Marked on the PCB(Old Type is 4.8~6.0V, HV Type is 4.8~10V)
- weight : 9.5g
- servomotor speed : Max~2sec/60deg
- delay feature : 0.1~5.0s(can successively use delay feature)
- Adjustable servomotor trim by computer using USB port(Download sequence program)

> Circuit



> Manual for Sequencer

1. We encourage to absorb programmed commands by connecting to a computer before usage.
2. Prepare up to 7 servos for R/C, Mini USB cable(not included), a computer(windows OS only) and setting program.
3. If you connect 3 pin connector of the sequencer to the port(with 'U' mark) on the circuit, you can control servo with power from USB connection to the computer.
4. For the first use, remove wheels from landing gear to prevent a bump between doors and wheels.
5. After setting the program, pull out the 3 pin connector and put into the receiver and check the motion by moving the transmitter switch.

> Manual for Program settings

This program is operated only on Windows OS and no driver installation needed.

[List Box]

Command List: List of commands in this program.

Landing Gear Down: Sequence program operated when landing gear goes down.

Landing Gear Up: Sequence program operated when landing gear goes up.

[Menu]

File->Open: Open sequence program from a folder.

File->Save: Save a sequence program into a file.

DATA->Write: Upload the sequence program into the Sequencer.

DATA->Read: Read the sequence program from the Sequencer.

[Buttons]

Add: Add commands in the list to the listbox.

Edit: Edit the details of the commands.

Erase: Erase a command.

UP: Move the command up.

Down: Move the command down.

Run: Run the program saved in the Sequencer.

It runs not from the program on the screen but from the Sequencer. Press 'DATA->Write' to upload the program to the Sequencer.

[Commands]

Servo Speed: Command for adjusting the speed of servomotor.

Time Delay: Set the time delay(0.1s~5s) needed before servomotor stops.

If more delay needed, you can use multiple Delay commands.

Move[n]: Command for the movement of servomotors. 'n' is the number of servo output connector.

'Full Speed' Check button is for checking the maximum movement speed with no influence of 'Servo Speed' command.

Servomotor speed can be controlled, but it is recommended for Landing Gear(wheels) to be full speed.