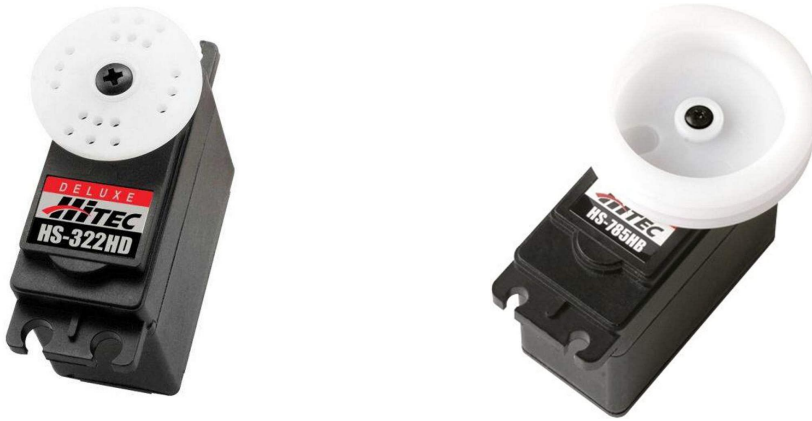# Independence R/C Sailing Model Remote Control Suggestions

Radio gear is a changing subject, currently a good choice is the Spektrum – SPM1010. This is a two-stick transmitter which comes with a receiver (Suitable receivers are also available separately and can be used with this radio.)

I have had good luck purchasing from Tower Hobbies (http://towerhobbies.com/ 800-637-4989) also Horizon Hobbies (https://www.horizonhobby.com/ 800-338-4639)
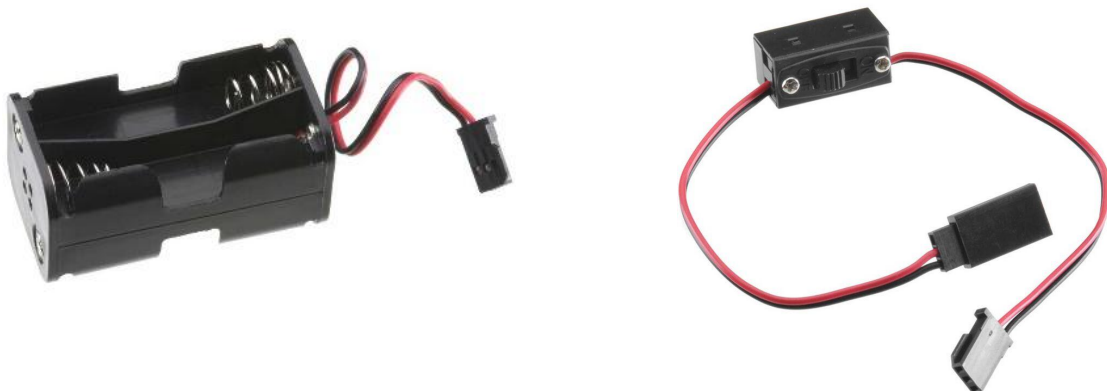
I recommend the Hitec Model HS-785HB sail servo which has a drum for winding the sail sheets mounted atop a self-contained motor-gearbox-control unit. The drum makes several rotations to adjust the sails from full-in to full-out. The Instructions from CLC describe the installation of this winch.

 For a steering servo, I use a simple standard size servo such as a Hitec model, HRC33322S

Other electronic stuff include a battery or battery holder to power the receiver and servos. I use 4 AA cell alkaline batteries which slip into a holder. This used to come with the radio set but now must be found separately. Both web stores offer one for $2.99 part number TACM2020.   Also useful is a power switch like part number TACM2000. All these parts use a standard "Futaba J" connector which fit together and into the receiver.

I plug the battery into the battery slot on the receiver, the sail winch into slot #1 and the steering servo into slot #2.

To set up the radio for sailing, you will have to do some modifications. The transmitter control sticks should be modified to allow you to control the in and out of the sails.

This is easily done by removing the back of the radio transmitter and turning a screw on the left hand up and down stick to relax the spring which centers the stick and to tighten the ratchet spring which holds the stick where you set it. See page 11 of the manual (for English.)

One must "bind" the receiver to the transmitter. This requires pushing the button with the logo on the receiver and the bind button on the transmitter, see page 7 in the manual.