

Power support:

The transmitter is fed by 8 1.5AA battery. and the receiver use 750Mah/8.4V nickel hydrogen battery.

Antenna:

The transmitter and receiver utilize different antenna. Dipole antenna for transmitter, wire line antenna for receiver.

The pulse signal provided by IC(EM78P458) will modulate one carrier circuit which consists of one crystal oscillator, R25, audio (BD139) , choke and so on. on top of this, the carrier frequency(72MHz) will be transmitted in FM mode.

RF(around 72MHz) signal will be received by the receiver of helicopter. And then those signal will be demodulated and transferred into digital signal which will be decoded by the above mentioned IC(EM78P458) .In result, it can control the driver machine connected. Thus ascending, descending, turn right, turn left, rotate etc, all kinds action can be done.