

RCmart International, Inc.

LEXI Airborne System

Thank you for choosing RCmart products. Please read the instruction carefully and thoroughly in order to obtain proper operation and maximum performance from LEXI Airborne System..

LEXI SERVO (2.5g):

- Specifications: Size: 20.0 x 6.5 x 11.3mm
Weight: 2.5g
Torque: 150g.cm@4.8V
165g.cm@6.0V
Speed: 0.11sec/60°@4.8V
0.10sec/60°@6.0V
Input Voltage: DC 4.8 V ~ 6.0V
Optimal Voltage: DC 5.0V
- LEXI servo is compatible with any PPM or FM modulation hobby transmitter.
- The servo builds a micro-JST lead. It can be modified and changed to different types (i.e. JR/Futaba lead).
- Warning:
 - Turn off power before adjust/screw the servo horn.
 - Do not turn servo horn by hand.
 - Do not screw servo horn over tighten.

NUKE RECEIVER (RX)

- NUKE receiver has about 150m range on the ground, it will be reduced by about 30% if RX is operated with an electric motor.
- NUKE receiver (72Mhz) has auto shift selection circuit that automatically reads the transmitter signal and adjusts for the signal type (Futaba / Hitec vs JR / Airtornics).
- NUKE receiver has basically been designed for an indoor use, so please do not use it other than ultra-micro aircraft.
- Operating voltage of the receiver are between 3.5V~7.0V.
- Please use micro crystal (UM-1).
- Do not cut the antenna or coil it. Cutting or coiling may badly reduce its range.
- Do not get wet or expose to moisture.
- NUKE receiver is to be protected from vibration or shock with sponge or other foam material.
- Perform a range test on the ground before attempting each day's flying session. Check the battery voltage on both the transmitter and receiver battery packs.
- It is very important to observe proper polarity on the connectors and wires.
- Always turn on the transmitter first, then the receiver switch. Make sure that your system and servos are functioning normally and properly.
- Switch the receiver off first, then the transmitter.

NUKE ELECTRONIC SPEED CONTROLLERS (S-5A1 & S-5A2)

- Must install supplied two capacitors to the motor.
- NUKE ESC S-5A2 is to be operated within 7.2V~12V range (S5A1 / 2.7V~4V).
- NUKE ESC has BEC (3.3V/0.5A) circuit.
- Auto-cutoff for these speed controllers is based on a percentage (72%) of a fully charged battery.
- Continuous current is 5A, surge current is be to 7A.
- After connection of a charged battery, move the stick back to low position. Then advance the stick to high position and move the stick back to low position again. Need to keep the stick in the low position for 2~4 seconds, now electronic arming is completed. If the motor would not start to run, switch the throttle reversing switch on the transmitter.
- Follow the input and output wiring carefully. Double check the plug wiring polarity and order before connecting the ESC to the receiver.
- Do not attempt to operate the ESC outside of its specifications.
- Do not get wet or expose to moisture.

RCmart International warrants LEXI Airborne System to be free from defects in materials and workmanship.