



User manual JPam_NEO_V1

Introduction:

The JPam_NEO_V1 timer is a device designed and manufactured specifically for electric-powered control line flying.

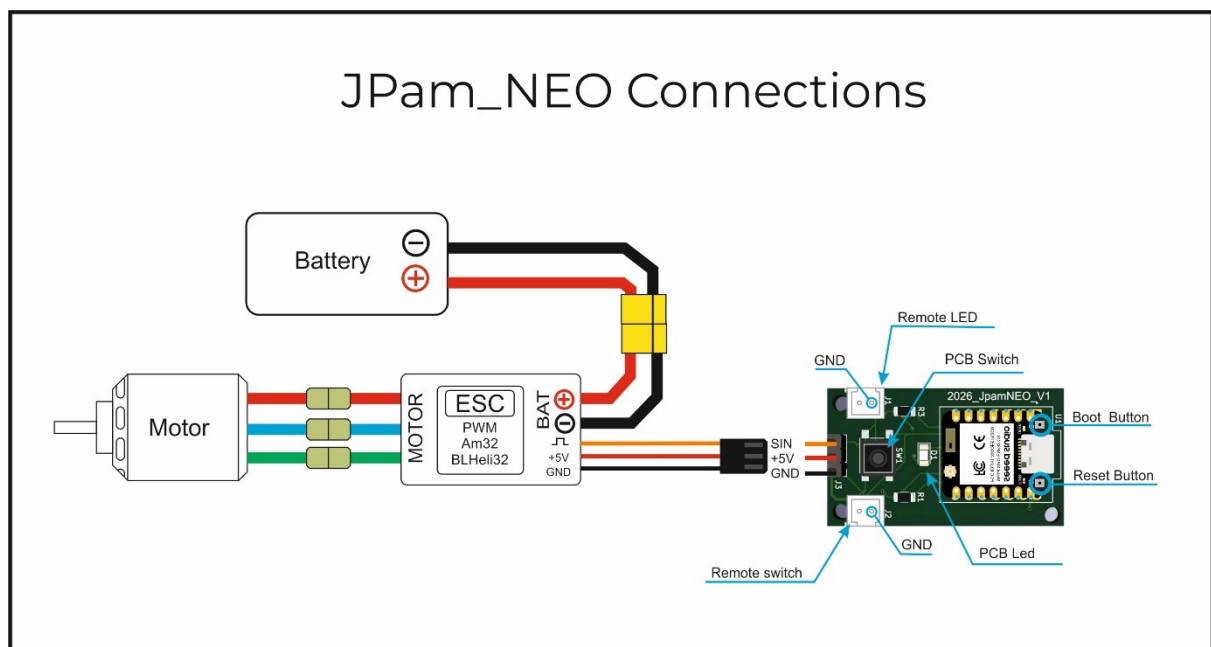
Within the JPam_NEO series, it is the most basic timer. It includes essential functions and is mainly intended for training models and/or basic models that do not require highly demanding motor power control, such as high-level competition aerobatic models.

Flight parameters are configured through the JPam_NEO_App mobile application, which can be downloaded free of charge from the Google Play Store.

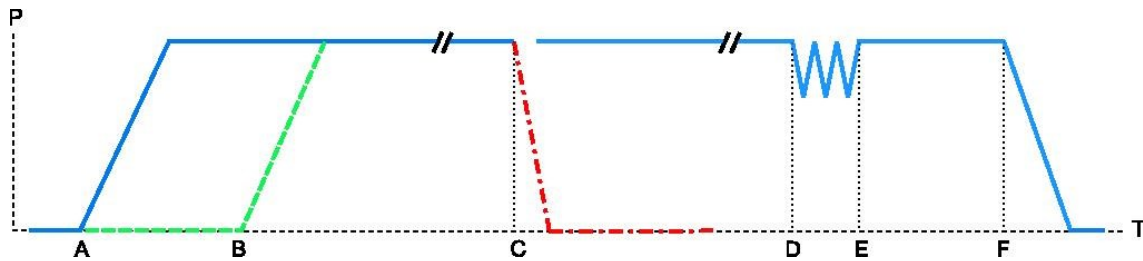
Features:

- Motor power control from 10% to 100% of maximum power.
- Flight time control from 10 seconds up to 6 minutes.
- Start button and emergency stop button.
- Immediate start or programmable delayed start up to 60 seconds. If 0 seconds is programmed, there will be no delay and the motor will start spinning immediately.
- Power control with battery discharge compensation during the last quarter of the programmed flight time.
- Programming mode to allow ESC programming through the mobile app.
- End-of-flight time warning: 3 power reductions 10 seconds before the end of the programmed time

Connections:



Operation:



- A Start- ON button
- B Delayed start
- C Emergency stop - ON button
- D End-of-flight time warning
- F End of flight time
- A-B Programmable up to 60 s
- E-F 6 seconds.

The button will only act if it is held down for more than 1.5 seconds, in order to avoid false starts. While the motor is running, an emergency stop can be performed by pressing the button again for more than 1.2 seconds. Once the motor has stopped, the timer returns to its initial state.

All programming settings must be set to the desired values before pressing the start button. However, if the connection between the mobile phone and the timer is maintained, motor power control, flight time and delay remain active while the motor is running. They can therefore be adjusted if the model is held before takeoff.

Led states:

Standby: Timer on standby, short flash every 3 seconds

While pressed: Very rapid flashing (50 ms), then it switches to medium flashing. After 1.5 seconds, release the button and the delay time begins.

Delay time: Medium flashing (100 ms)

During flight: Slow flashing (750 ms)

Stop warning: Three consecutive power drops 6 seconds before the flight ends and rapid LED flashing (50 ms) Please refer to the mobile app user manual.

Oterino Original wishes you happy flights.

