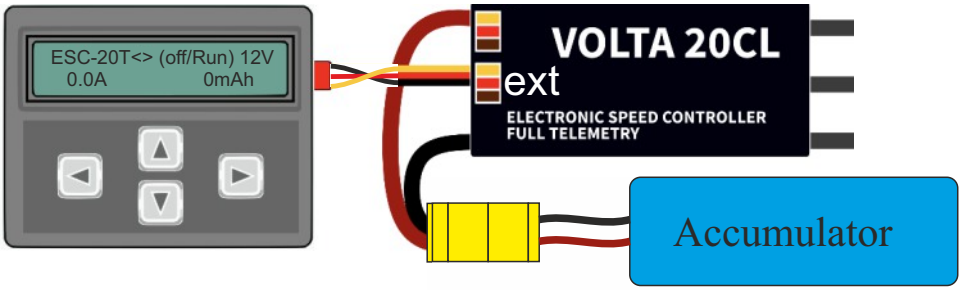
Volta CL Sequence for Control Line Model



* When setting up, we recommend removing the propeller and ensuring the motor is firmly installed.

* Language change – press “down” (Actual values appear), press “right” (Common settings appear),
press “down” 14 times – Language – select the desired language using the “left” and “right” buttons.

By connecting the flight battery (2–5s), the control line sequence automatically starts.
On the display, < > and Run flash alternately. By pressing both the left and right buttons simultaneously,
the sequence stops and < > and Off flash alternately on the display. By pressing < > again, the sequence
resumes and < > and Run flash alternately. The sequence can be stopped in the same way at any time,
even when the motor is running. When the sequence starts and the motor spins up, the current values –
RPM, battery voltage, current, and consumed capacity – are automatically displayed. If the ESC is controlled
from the receiver throttle channel, the sequencer automatically disconnects and functions as a standard ESC.

* Keep in mind that measured values on the ground at zero airspeed may differ significantly from flight values. *

Pressing the “down” button enters the main menu. Use < > to select options:

- Actual values: pressing “down” (and “up”) shows actual values, measured minima and maxima, which can be reset by pressing left and right simultaneously. By pressing “up” repeatedly,
you return to the initial screen.

- General settings: use “down” to scroll the list:

- ESC mode: set to “Control line seq.”

- Min RPM: defines the minimum working RPM before motor shutoff, and also
the minimum RPM during flight time warning oscillation (see Warning type).

- Max RPM: defines the maximum RPM at the end of flight time (see Warning type).
* Value may be limited by motor/prop capabilities or ESC protection settings. *

- Startup acceleration: time to accelerate from zero RPM to working RPM

- Working RPM: motor RPM during flight

- Start delay: delay between battery connection and motor spin-up

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- Warning type: two options, selected with < >
- Max RPM – for the set warning time, the motor runs at max RPM
- Oscillation – the motor alternately increases and decreases RPM between min and max values at a fixed oscillation rate

- Governor gain (P): defines linear proportional relation between actual RPM, set RPM, and throttle. Affects response to sudden load changes. If too high, motor may buzz and oscillate. Default = 5. Adjust only slightly, by experienced users.

- Governor gain (I): defines how quickly the difference between set and actual RPM is corrected over time. If too low, RPM will settle slowly. If too high, RPM will fluctuate heavily. Default = 10. Adjust only slightly, by experienced users.

- Startup sound: beep or phase test after battery connection, set with < >

- Standby beeping: on/off, set with < >

- Endpoints: defines input signal range from receiver if connected. Recommended = Auto. Use Manual only if issues occur.

- Capacity reset: three options, set with < >
- On power-up – shows previous consumed capacity, resets when motor starts
- Voltage change – useful when flying multiple flights on one pack. Capacity accumulates until a new (charged) pack is connected.
- Manual – never resets, must be cleared manually.

- Language: English, Czech, French, Italian, German

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