CL1 Beginner Build
Wiring Diagram

A simple mid-range build suitable for beginner builders.
Find the full article at:
www.rotorriot.com/pages/CL1-beginner-build

Parts List

CL1 Frame by Rotor Riot
FlightOne RevoltOSD FC
Hobbywing XRotor Micro 45A 4-in-1 ESC
Hypetrain Acro 2207 2450KV Motors
RaceDayQuads Mach 3 VTX
RunCam Rotor Riot JB Micro Eagle Pro
FrSky R-XSR Receiver

Do not power VTX
without antenna
installed!

Video Transmitter
RDQ Mach 3 VTX MMCX
600mW Video Transmitter

Camera
RunCam Rotor Riot JB Eagle Micro

Receiver
FrSky R-XSR Receiver

Bridge (connect)
INV and TX1

Flight Controller
FlightOne RevoltOSD V3 FC

This is not used.
Cut or remove it.

Bridge (connect)
the two elongated pads
closest to the center.

Make sure the ribbon cable
matches the pinout for
your ESC and FC.

These are not used.
Cut or remove them.

Motors
Hypetrain Acro 2207 2450KV

4-in-1 ESC
Hobbywing XRotor 45A ESC

XT-60 Connector.
Flat side is positive!

ROTOR RIOT

Version 1.0