









Alpha Version Notes:

Setup is proven against PRO-1600RGB from Laserworld, but DOES NOT adhere to ILDA specification.

Improvements From Alpha:*

ILDA Standard Conformance

74HC4503 is deprecated and must be replaced

PCB must be finalized and tested for conformance
(Alpha was in a breadboard)

Move to External Power and regulation (USB fluctuates due to loads)

Changes Needed For ILDA Conformance**

+/- Signals need to be differential not ground referenced

Separate Power supply to account for lax current spec
(USB cannot meet the maximum circumstance)

* List is non-exhaustive and seeks to use proven ICs from the Alpha version

** See ILDA standards to confirm. These are the most glaring issues.
Other non-important conformance may be additional IO connections on the DB-25 Connector, etc.