

# The CATWEAZLE LC scanunit

Small scanunit for lowcost alternative projectorsystems. Galvanometers without fragile torsionbars. Scan-angle 40 deg. optical. Very good performance for mid-speed scanning up to 18.000 pps. Compact driver layout for two channels XY. Requires external power supply +/- 18VDC unregulated.

Adjustable servo gain, damping, phase and input gain. A special dynamic damping curcuit prevents galvos from overshooting at wide angles but increases speed at small angles.

## Attention!

- Always ground driver on a metal plate. Driver requires metal plate for ground wiring.
- Always wire the galvanometers with a ground cable to the drivers ground. Never run galvos without extra ground!
- Do not use more than +/-10V input signal to avoid damage at the scanners.
- Never run the driver without required cooling mount (coming with driver)
- Never use the scanunit for other things than designed
- Supply only the recommended voltage to this equipment. Supplying any other voltage could cause a fire or electric shock
- It is dangerous to use this device if any sign of malfunction is apparent, such as strange noise, unusual odor, or smoke. In such cases, immediately turn off the power and contact your local dealer.

## Driverboard layout, vers. 1.2

