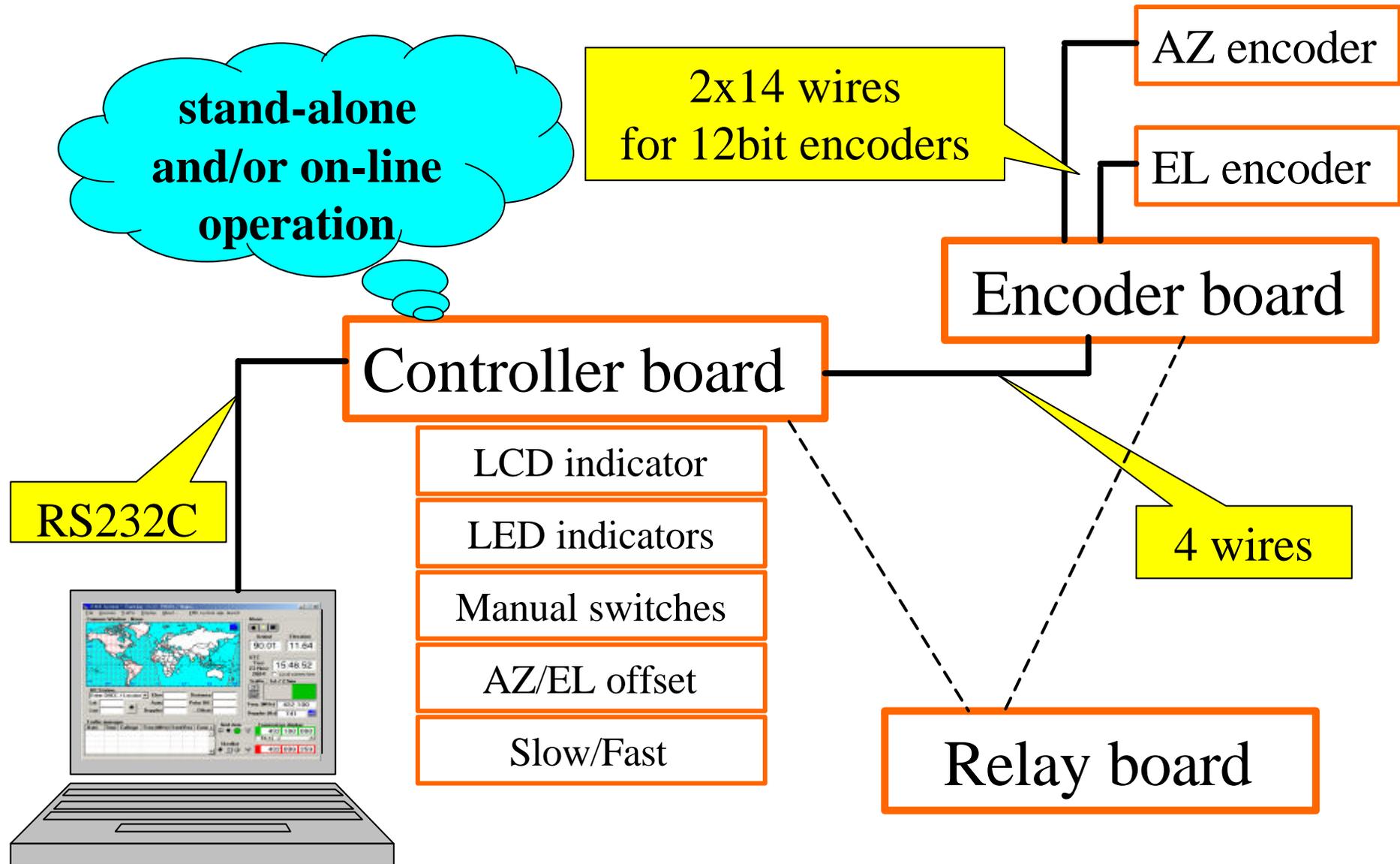


F1EHN interface boards

features:

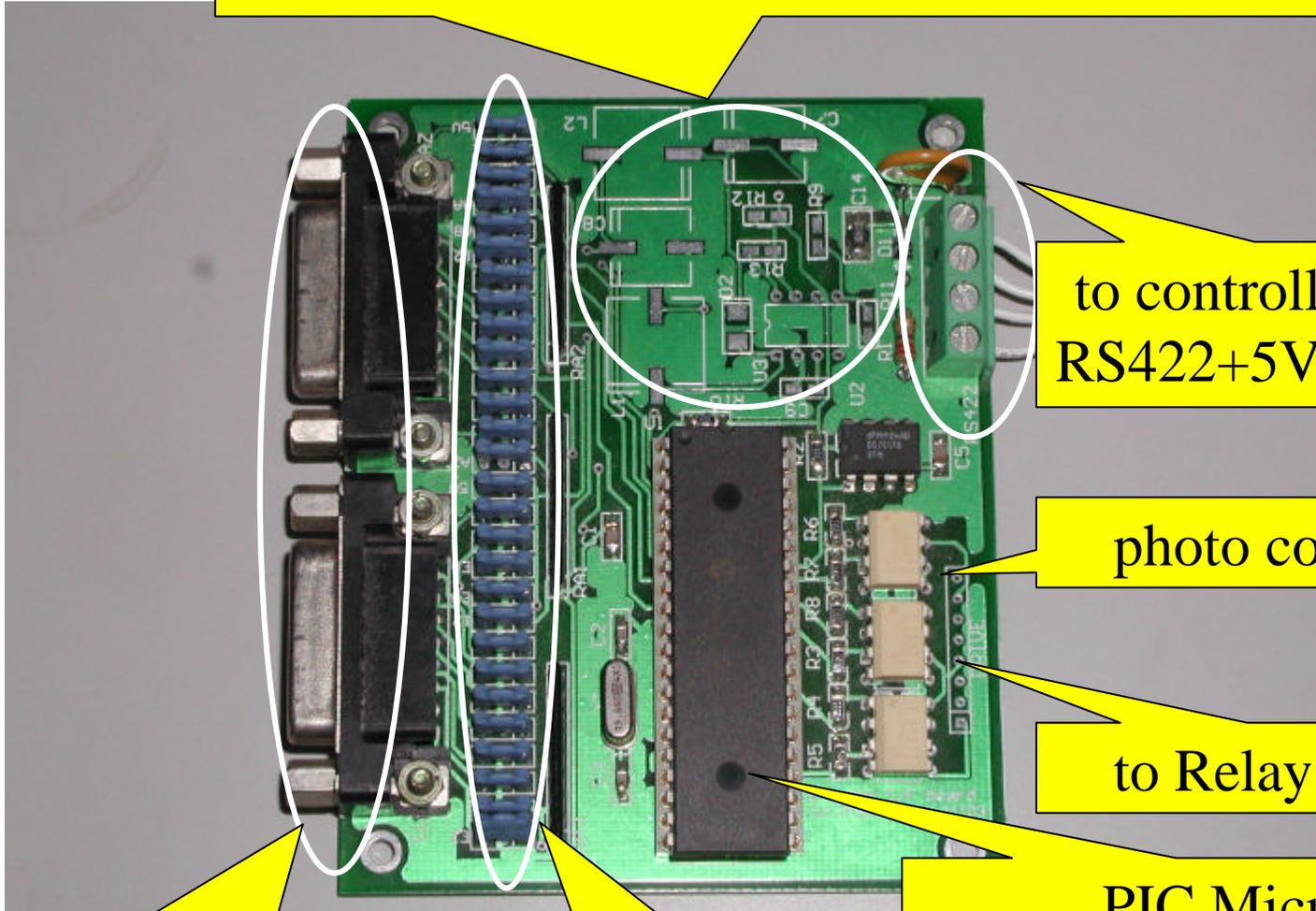
1. **Stand-alone** without PC or
On-line operation controlled by F1EHN software
2. Economy and easy **4-wire interface** between
shack and antenna (two pairs of twisted pair cable)
3. Quick **manual controls** for AZ/EL and fast/slow control
without mouse clicking
4. **Manual offset control** compensating encoder reading
without editing a setup file
5. Relay board can be connected to either control board at
shack or encoder board at antenna (pin compatible)

Boards and PC setup



Encoder board at antenna

DCDC converter (5V to 12V for 12V encoders)



to controller board
RS422+5V(4 wires)

photo couplers

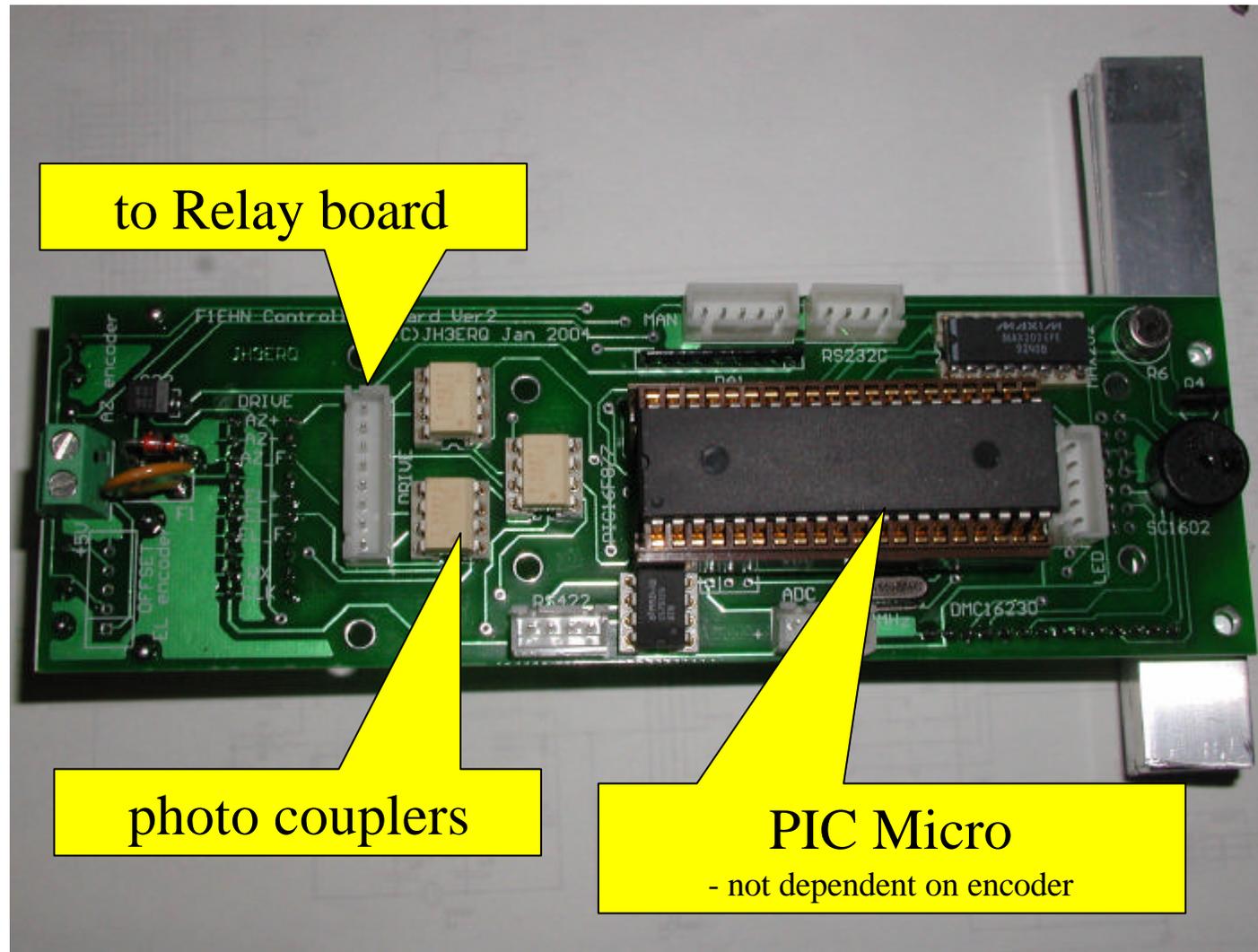
to Relay board

PIC Micro
- software tailored for the encoder

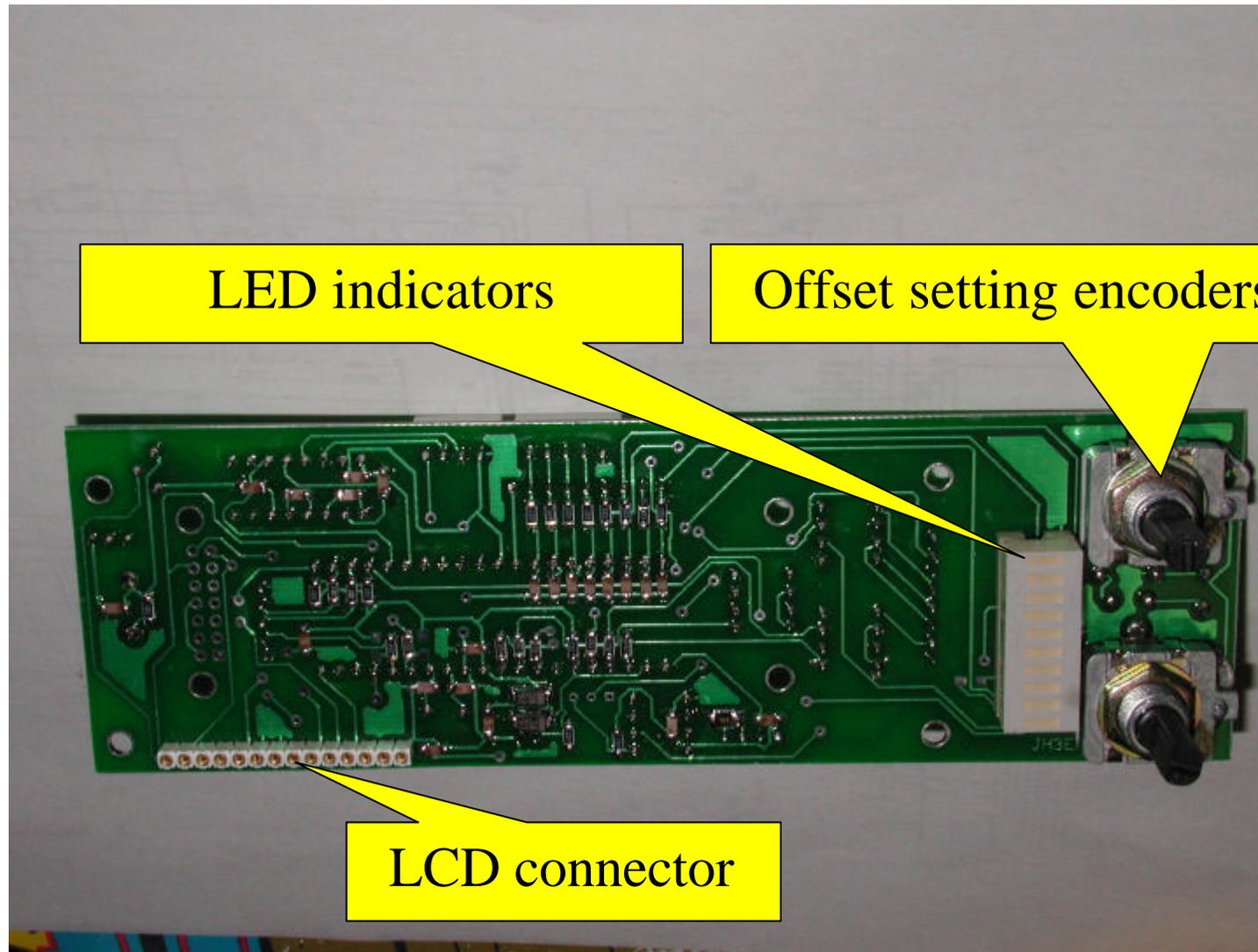
to AZ/EL Encoders

EMI filters

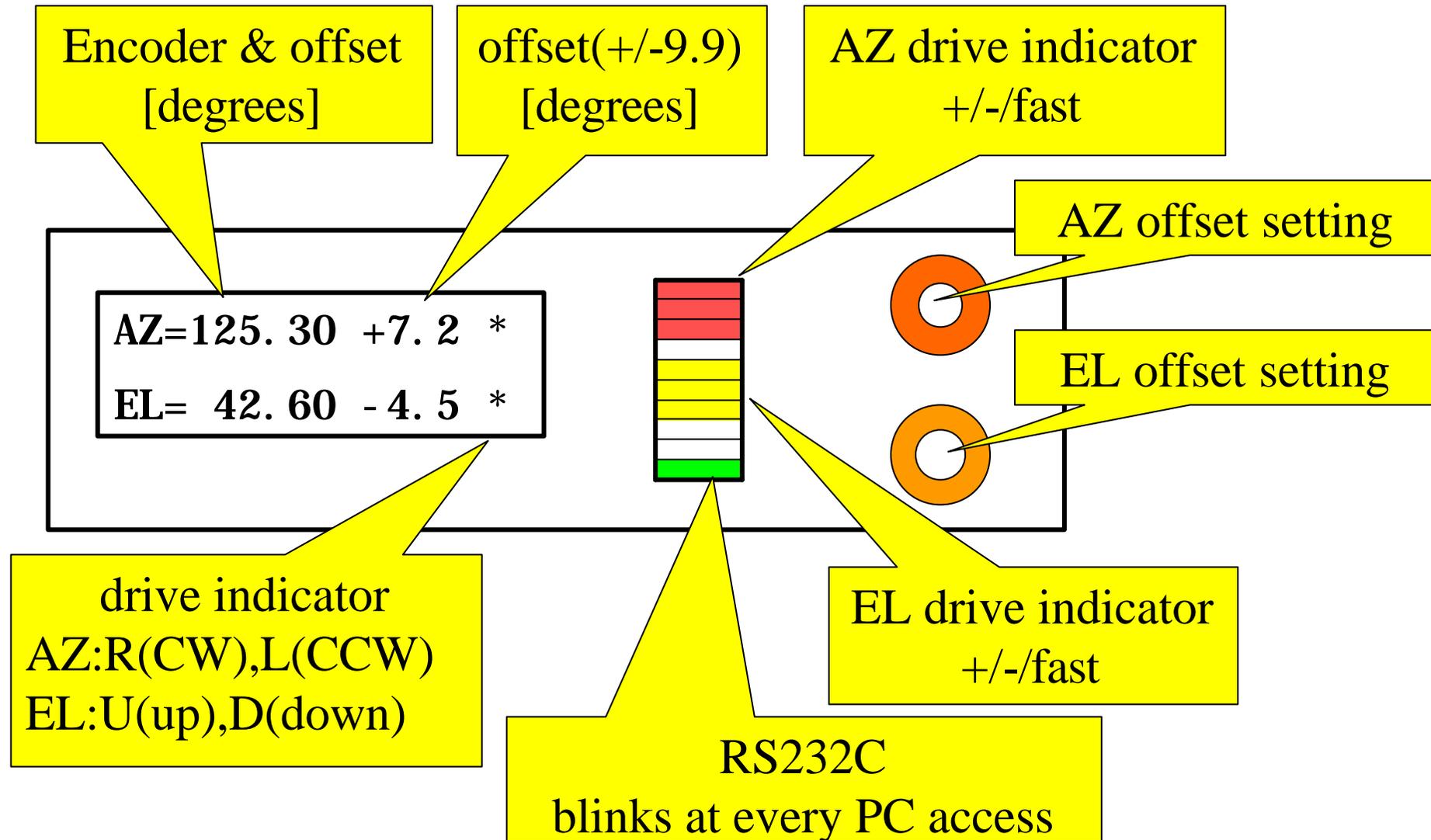
Controller board (rear side)



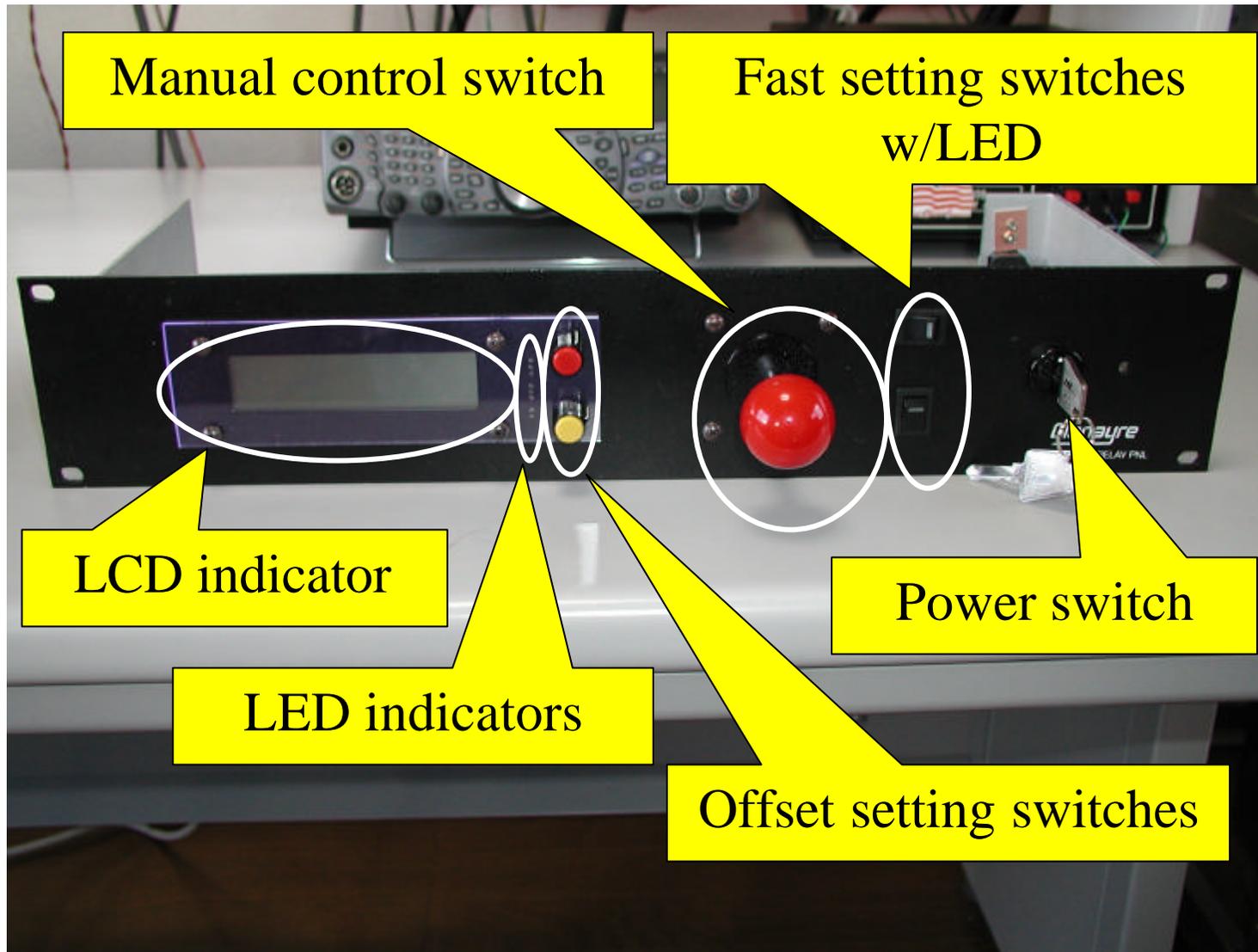
Controller board (front side)



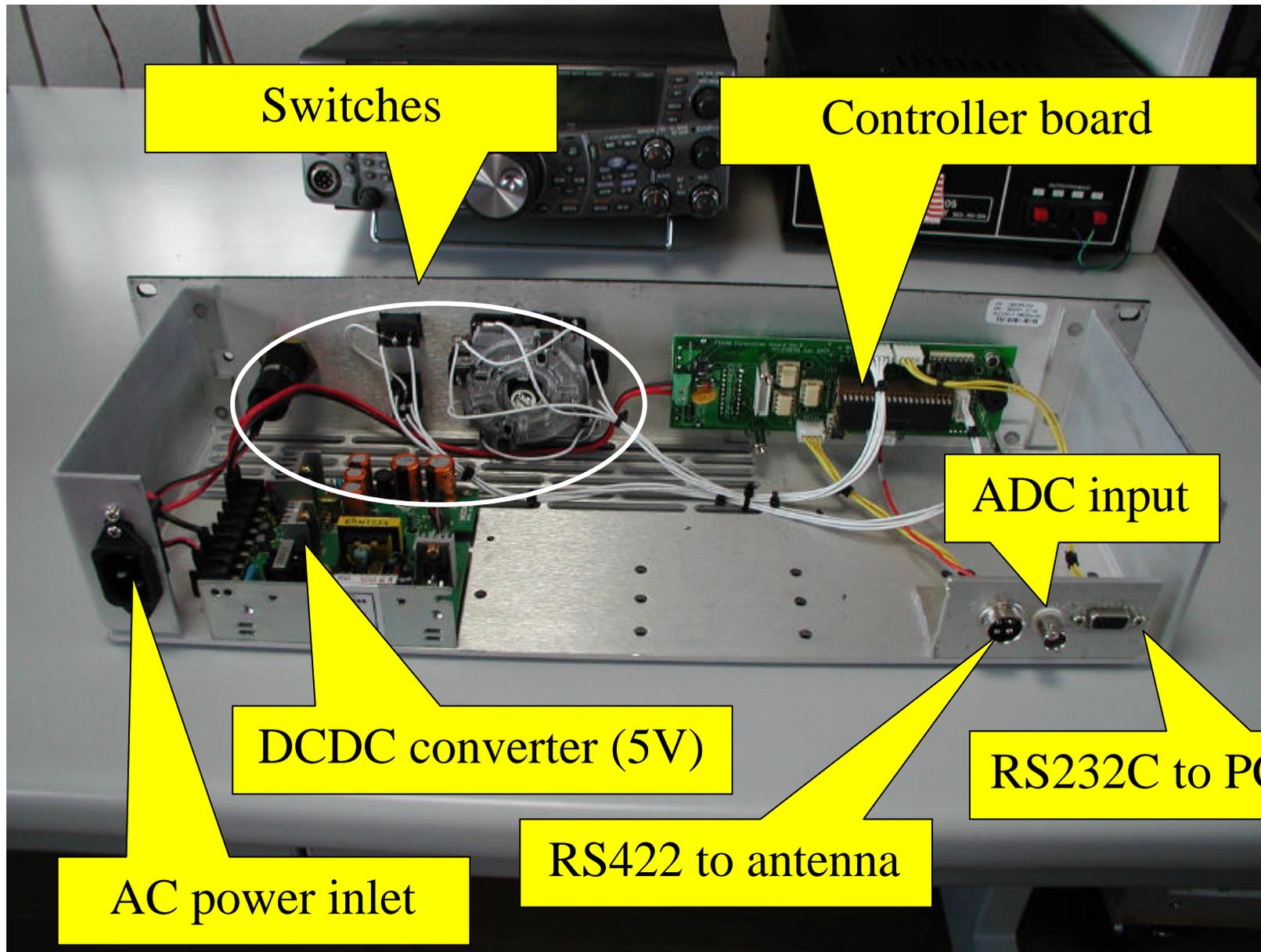
Controller front panel



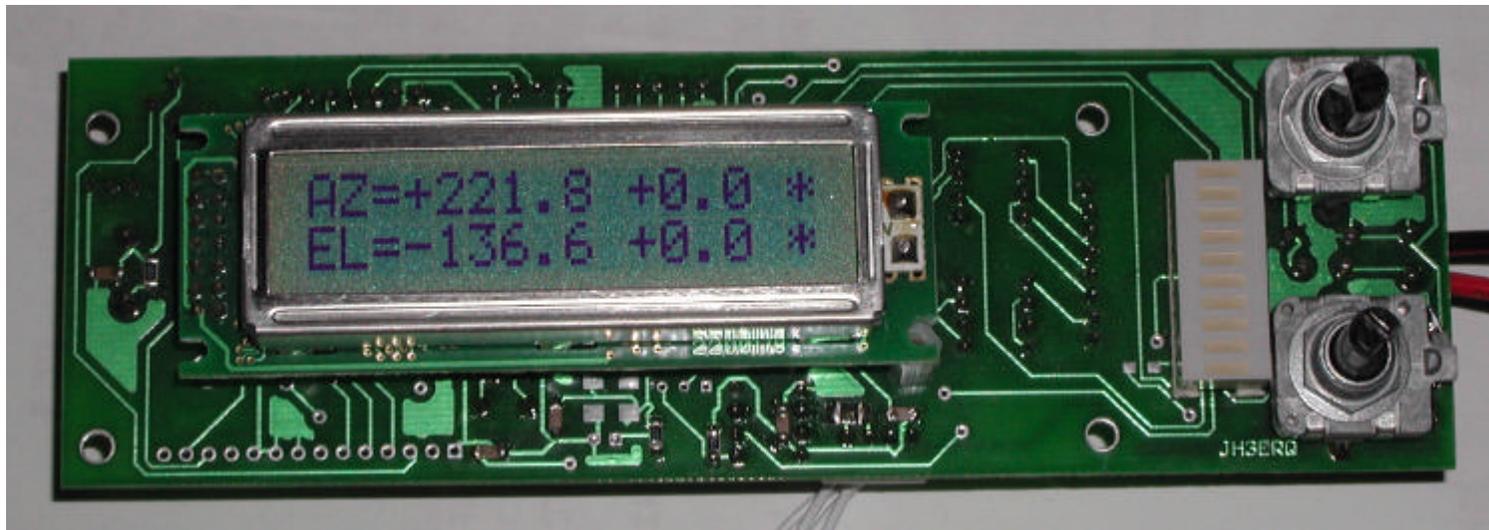
Controller at JR4ZZS



Controller rear view



smaller LCD with LED back light (SC1602)



large-character LCD without back light(DMC16230)

