

## Suntrack controller

### Heliostat suntrack system technical information:

- Adapter 12/ 24V using 1 Watt average
- Controller casing IP40.
- Sensorless system, al by calculations
- Uses GPS for time, date and position on earth
- Software accuracy 0.01°
- Hardware accuracy 0.0125°
- Remote control 433mhz, range 50meters open field
- 24h/365day operation, auto continue after power loss.
- Internal processor 128K 32mhz
- Uses reliable and rock solid motors of dish antennas
- Mirror maximum 120cm 5Kg
- All setting are stored in non volatile rom
- Default 5 meter CAT-5 cable between controller and motors, other length on request.

### For users who want to use their own motors:

- Motors 12 or 24 volt max 3A
- Use incremental encoder of at least 20 pulses per °
- Use end switches to learn operation area
- USB-RS232 connection for adjusting parameters
- Fast customer support

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