

Suntrack controller

Heliostat suntrack system technical information:

- Adapter 12/ 24V using 430 milliwatt average
- Controller casing IP40. Use an external housing for outdoor use
- Sensorless system, al by calculations
- Uses GPS time and date and position
- 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 256K 48mhz
- Uses reliable and rock solid motors of dish antennas
- Mirror maximum 120cm
- All setting are stored in non volatile rom
- Custom firmware possible
- Optional wind sensor, to put the system in parkposition

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- connection for adjusting parameters
- Fast customer support

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