



## MIDDLETON SOLAR LP01 LEVELLING PLATE APPLICATION NOTE

The LP01 Levelling Plate is an accessory for the APT-02, AST-02, AST-03, and AST-03T Solar Trackers. The LP01 has three adjustable feet and a bubble level vial. It provides a means to adjust the Tracker to be precisely level.

### Installation to the Tracker



- 1) Place the LP01 on a horizontal platform that has a 10mm hole .  
Pass the M10x70 setscrew (with washer & hex nut) up through the platform hole and Tracker Pan Mount.
- 2) Place the Tracker vertical stub axle into the Pan Mount.  
Loosely secure the M10 setscrew to the stub axle  
A locating pin inside the Pan Mount must align with a hole in the stub axle.
- 3) Adjust the three LP01 feet so that the bubble level is centered.
- 4) Proceed with the Tracker alignment as per the Tracker User's Guide.

### Specification

plate dimensions	Ø150mm x 8mm
bubble level resolution	0.1°
construction	aluminium & stainless steel
weight, complete with fasteners	0.5kg