



Rural Training Center-Thailand: Technical Paper

ศูนย์ฝึกอบรมชนบท-ประเทศไทย: ทางเทคนิคกระดาษ

## Low-cost 2-way Mast Level

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A challenge in the field is being sure temporary push up masts are set up straight. Fence post levels can cost from \$4-\$14. A trip to 99¢ Store can produce a low-cost alternative.

I used two Torpedo levels, a piece of scrap angle aluminum and some glue to make a 2-way mast level. The angle aluminum is the guide to properly mount the torpedo levels at a right angle to each other.

The push up mast is held inside the corner of the angle aluminum. You simply observe the two bubble vials until both are centered and the push up mast upright.

Depending on your mast mount, make the necessary adjustments and lock the mast in place. The 2 bubble vials gives you simultaneous indicators to help assure a straight set up. Anyone trying to do this with one torpedo level knows what a challenge that can be. 🌐



*Two torpedo levels and a scrap of angle aluminum.*



*Glue the torpedo levels to the angle aluminum.*



*Hold the mast inside the angle aluminum.*



*Watch the bubbles in the levels and adjust as needed.*

