

Instruction Sheet

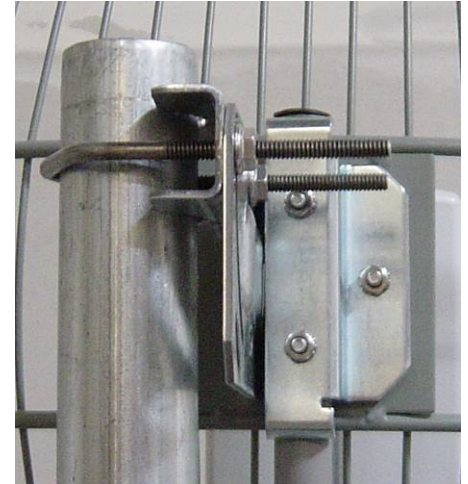
GDxx-TR TrangoFOX™ Gain Booster 2.4 to 5.8GHz Operation

Step 1: Attach L Bracket to Antenna Reflector Backplate using single short Carriage Bolt, stabilizer bracket and locking nut. If the L bracket is assembled with the U-Bolt towards the top it will give Downtilt, if the L bracket is assembled with the U-Bolt towards the bottom, it will give Uptilt. The antenna reflector small wires should be vertical as shown for vertical polarity.

Step 2: Install the support arm by installing the two long Carriage Bolts thru the antenna reflector backplate, then thru the L bracket, then thru the support arm and thru the stabilizer bracket. Install 2 lock nuts and tighten all 3 lock nuts.

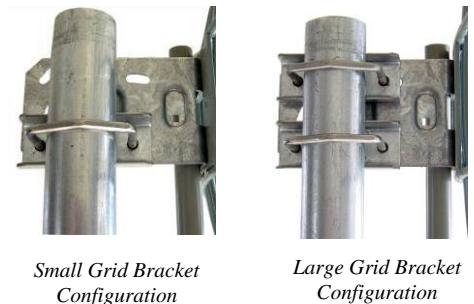
Step 3: Install the radio unit as shown using two stainless steel clamps and Screws. Radio unit is installed so that it is pointing towards the grid reflector.

Step 4: For the GD22-TR and GD26-TR, it is sufficient to use 1 U-Bolt and pole clamp. For the GD29-TR, it requires 2 U-Bolts and pole clamps for increased stability. This reduces tilt but should still give adequate tilt for most installations.



Specifications

Parameter	Model	Min	Typ	Max	Units
Frequency Range		2400		5850	MHz
Gain @ 5GHz	GD22-TR GD26-TR GD29-TR		19 24 27		dBi
Gain @ 2.4GHz	GD22-TR GD26-TR GD29-TR		14 18 22		dBi
3dB Beamwidth	GD22-TR GD26-TR GD29-TR		12V, 8H 8V, 6H 5V, 4H		Deg
Front to Back	GD22-TR GD26-TR GD29-TR	18 22 22			dB
Operating Temp		-40		+70	Deg C
Pole Size		1" (25)		2" (50)	In (mm)
Weight	GD22-TR GD26-TR GD29-TR		3 (1.4) 6 (2.7) 11 (5)		Lbs. (kg)
Dimension (W x L)	GD22-TR GD26-TR GD29-TR		11.8" x 15.7" (300 x 400) 16.8" x 24" (427 x 610) 28.5 x 36" (724 x 914)		In (mm)
Bracket Tilt			+/-45		Deg



Wind Loading	100 MPH	125 MPH	100MPH with ½" Radial Ice
GD22-TR	10	16	48 lbs
GD26-TR	20	31	99 lbs
GD29-TR	41	64	257 lbs

