LP-289ai 123 Assembly and Setup Manual.

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This manual is intention is to help the user to assemble and set-up the LP-289ai, we recommend you to configure the equipment before you physically mount it in place.

1

Please check package contents as shown in figure 1:

Figure 1

2

Prepare the base for mounting on the mast or wall as shown in figure 2 :

a In case the base is not assembled, proceed to insert the hex nut in the locking recess, present the arm and proceed to insert the screw with the locking washer in the hole opposing the nut, do not screw tightly as you will need to change the adjustment later once in place.

Figure 2

b Proceed to turn the radio over and place the connector oriented to you as shown in figure 3:

Figure 3

c Proceed to attach the swivel base as shown in figure 4:

Figure 4

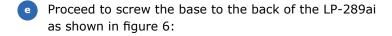**d** Prepare the screws and locking washers as shown in figure 5:

Figure 5

e Proceed to screw the base to the back of the LP-289ai as shown in figure 6:

Figure 6

f If fixing the base to a wall, you can use the included ramplugs and screws as shown in figure 7.

Figure 7

g If fixing the base to a Mast, use the U clamps designed for this purpose. Place the base on the mast, slide the U clamps and screw the nuts and washers on each screw end of the U clamp, proceed to fix all the nuts with the proper tool in a symmetrical way as shown in figure 8:

Figure 8

h Proceed to fix the radio to the base, by fixing the arm first with the screw, lock washer and nut as shown in figure 9:
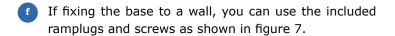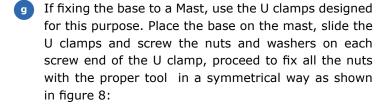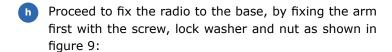
Figure 9

i You can now proceed to align the radio against the other destination antenna or radio and fix all screws tightly so the assembly doesn't move, please see figure 10:

Figure 10

3

Prepare the connection cable to the PoE injector of the LP-289ai.

a Prepare a UTP Cat5e or higher category cable by splicing the jacket as shown in figure 11:

Figure 11

b Prepare the cable as shown in figure 12 for a water tight junction.

Figure 12

c Proceed to comb the wires as per the (568B o 568B) norm; it is important to mention that connection must be the same for both ends, Please see figure 13:
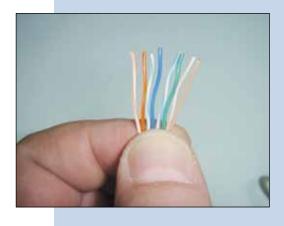
Figure 13

d Proceed to cut the excess wire and and insert the plug as shown in figure 14, use the proper crimp-tool as shown.
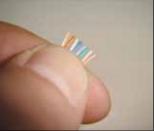

Figure 14

e Connect the end of the cable to the LP-289ai , slide the components and screw tightly as shown in figure 15:

Figure 15

f The other end of the cable must be connected to the: **To ODU** output of the PoE injector.

g Please remember that the PoE injector is not weatherproof, hence it must be in a safe and weather protected enclosure or inside the premises. A conduit to carry the cable to the radio is highly recommended.