Step 1: Route the antenna connector of the cable through the nylon loop at the bottom of the MAST harness from the back to the front.

Step 2: Open the harness and route the antenna connector of the cable from bottom of the harness to the top inside the two elastic nylon straps until the antenna connector is visible and accessible.

Step 3: Connect the antenna connector of the cable to the base of the antenna securely, ensuring the two are not cross threaded or overly tightened. Tools are not recommended for this process.

Step 4: Once fully threaded into the antenna base, pull the cable back downward through the elastic nylon until the base of the antenna is seated against the black nylon strap. The black nylon strap is used to keep the cable and antenna from sliding out of the harness during vigorous movements.
Step 5: Close the 2” Velcro strap around the antenna to secure it from sliding up and out of the elastic straps and then secure the 1” Velcro strap. The 1” Velcro Strap is used to secure the 3’ flex whip when being carried in the stowed configuration.

To extend the flex whip antenna, simply release the 1” Velcro strap to allow the 3’ flex whip to fully extend for increase range.

Step 6: Attach the other end of the cable to the antenna connector of the radio securely, ensuring the two are not cross threaded or overly tightened. **Tools are not recommended for this process.**

Step 6A: **Version 2 or Version 4 DOJ**

M.A.S.T. kits come with a quick-disconnect adapter, which should be installed in the same fashion. The end of the cable should then be attached to the quick disconnect adapter.

Step 7:

Please refer to the supplemental MALICE™ clip instructions concerning its proper use when securing the M.A.S.T. harness to PALS/MOLLE™ gear.