

The Tune Up Procedures for Digital Angel CDPD System

The pager unit tune up

Configure the CDPD module so the device operates in UDP mode. Configure the IP address so the device works in a point to point mode;

Configure the falldown sensor so the device works in a reliable way to give the right alarm according to the system design. The falldown module has the standard procedures for its tune up: Affix the unit with falldown sensor on top of a 4' long pole or stick, the other end is pivoted. Let the pole fall from vertical position to horizontal position in various speeds. The falldown sensor should alarm when the fall takes 0.35 to 0.65 seconds. After fall, it should remain motionless for 30 seconds. The falldown sensor should not alarm when the fall takes less than 0.35 seconds or more than 0.65 seconds. Test is carried out in two orientations: 0 degree and 90 degree from the surface of the device. The falldown sensor should not alarm when the unit is vibrated arbitrarily.