

TW-MKL

L-Bolt Mounting Kit Instructions

Introduction

These instructions cover installing the TW-MKL kit into a concrete base, as well as steps to prepare for installing the aluminum tower and intercom.

TW-MKL L-Bracket Mounting Kit Contents

Four L-Bolts
Eight 3/4" Hex Nuts
Eight 3/4" Washers
One Printed Template

It is recommended to transfer the provided template to a piece of wood between 1/2" and 1" thick. This will make it easier to properly position the L-bolts into the poured concrete foundation.

TW-MKL Installation

Intercom and electrical wire conduits should be run through the foundation and into the 4" diameter hole at the center of the tower base module. These cable runs must be run separately, not in the same conduit. It is the responsibility of the installer to ensure that all applicable electrical codes are met.

Pour the foundation at least 2 feet in diameter and 3 feet deep, being sure to account for local building codes and the frost line.

Install the 4 L-bolts below the grade with 5" projecting above the grade (see drawing below). Use the template to properly position the L-bolts within the concrete foundation.

Once the foundation has set, remove the template. Install one 3/4" hex nut and one washer on each L-bolt 2 to 2-1/2" above grade to the top of the washer. This will allow for a 1/2" air gap between the foundation and tower base to allow airflow and prevent moisture problems. Verify that the nuts are level.

