STEP 1: CONTENTS

The FlashCube™ will arrive on a shipping pallet. Remove the corrugated box, open and remove all the contents.

The FlashCube™ box contains:
A — FlashCube™ with visor attached
B — Solar panel with wiring attached
C — Plastic bag containing two long bolts with nuts and three short bolts

Also on the shipping pallet:
D — Battery (one or two) with the required leads already attached

TOOLS NEEDED FOR INSTALLATION
— 1/2" wrench
— 9/16" wrench
— scissors

STEP 2: INSTALLING THE FLASHCUBE™, SOLAR PANEL AND BATTERIES

1. Place the FlashCube™ on top of a pre-installed pole. Position the FlashCube™ to face traffic in accordance with MUTCD Guidelines. Anchor the FlashCube™ to the pole using the three short bolts and tighten them securely with a 1/2" wrench.

2. Place the solar panel on top of the FlashCube™ by threading the solar panel wire through the pole on top of the FlashCube™. Rotate the solar panel so that the solar face is facing South. Align the closest four holes on the solar panel mounting pole with the four holes on the pole on top of the FlashCube™.

3. Take the battery (or optional batteries) from the pallet. They will have battery leads already connected to them. Place each battery in the bottom section of the FlashCube™ with the positive (red) side of the battery in the back and the negative (black) side of the battery closest to the door. If there is a second battery, install it in the same way.

STEP 3: CONNECTING WIRES, FINAL INSTALLATION

Inside the FlashCube™, there are four wires labeled “AP22”, “SOLAR”, “BATTERY 1”, and “BATTERY 2”. The AP22 wire will already be connected to the AP22 on the top shelf of the FlashCube™.

1. Connect the wire labeled “SOLAR” to the wire attached to the solar panel that was previously threaded through the top of the FlashCube™ in Step 2. Each “male” connector will only fit with its proper “female” connector. Once connected, push the connected wires to the back of the drop-down shelf of the FlashCube™ so they are out of the way.

2. Connect the battery lead (already connected to the battery) to the wire labeled “BATTERY 1”. If a second battery (optional) is part of the configuration, connect its lead with the wire labeled “BATTERY 2”. Make sure to push batteries to the very back of the cabinet to prevent the drop-down shelf from coming in contact with them when pulled out.

3. Use scissors to cut the shipping zip-tie on the interior side of the FlashCube™ that is securing the drop-down shelf. It will have a tag labeled “REMOVE BEFORE USE”. The tag may be discarded after removal. The shelf will now pull forward and hinge downward for easy access to the AP22 time switch.

4. Test the FlashCube™ by pressing 1+12# on the AP22 to program the flasher to turn on. Press 1+12# again to turn the flasher off. Refer to the AP22 manual for the detailed programming of the time switch.