

PEDESTRIAN CROSSING SYSTEM

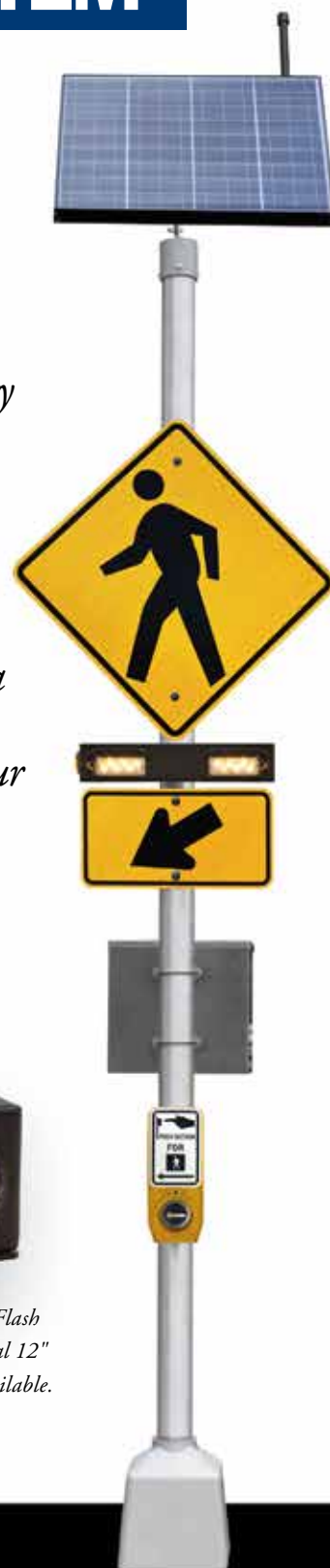
Solar or AC-Powered Flasher Assembly

RTC manufactures a full line of solar and AC-powered pedestrian crossing systems.

These systems can be activated by a variety of push button options or the time of day using RTC's AP22 time switch. Choose from our MUTCD compliant RRFB or a traditional 12" circular beacon. RTC is your proven supplier of solar and AC technology and traffic control systems.



Rectangular Rapid Flash Beacon or traditional 12" circular beacons available.



Pedestrian Safety Since 1987



RTC

RTC Manufacturing, Inc.

RTC-Traffic.com | contact our team at **Info@RTC-Traffic.com** for more information | TOLL-FREE **800.782.8721**

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PEDESTRIAN CROSSING SYSTEM

Solar or AC-Powered Flasher Assembly

FEATURES

- Solar and battery sizing engineered to fit your installation site
- APS or standard push-button activation
- Optional AP22 time-switch control for time of day (TOD) operation
- Optional centralized communication using RTC Connect™ software
- RRFB is MUTCD compliant
- 900 MHz communication between beacons
- Standard spun aluminum 4.5" pole and breakaway base with collar
- Multiple advance-warning beacons can be added and activated by one push of a button
- Color options to meet agency specifications
- Pedestrian signs available in yellow or fluorescent yellow-green
- Up to 6 remote flashers can exist in a pedestrian crossing system; one is typically on the opposite side of the street from the master flasher; others are often located in medians and on other areas along the side of the street
- All flashers in a network are programmed to communicate exclusively with each other, avoiding the possibility of errant radio signals triggering a flasher
- Spread spectrum, frequency-hopping radios prevent outside radio interference
- Pedestrian crosswalk push-buttons are hard-wired to the radio in the cabinet
- Highest-quality Polara™ Bulldog™ push-buttons used for activation

COMMUNICATION FLOW



CROSSING REQUEST INITIATED AT THE MASTER FLASHER

- When the pedestrian crosswalk button is pressed on the Master Flasher, the Master Radio transmits a signal (shown in red) to trigger the beacons on the Master Flasher and on all Remote Flashers in the network
- The beacons flash until the end of the pre-set timing master radio timing cycle — timing is field configurable



CROSSING REQUEST INITIATED AT A REMOTE FLASHER

- When the pedestrian crosswalk button is pressed on the Remote Flasher, the Remote Radio transmits a signal (shown in blue) to the Master Flasher; in response, the Master Radio transmits a signal to trigger the beacons on the Master Flasher and on all Remote Flashers in the network to start the flashing cycle on all Remote Flashers in the network
- The beacons flash until the end of the pre-set timing Master Radio timing cycle — timing is field configurable

