RTC FIRE STATION WARNING SYSTEM

Solar or AC-Powered Flasher Assembly

When there's an emergency across town and every second counts, an RTC Fire Station Warning System can help ensure a fast and safe exit rom the station and entrance into your community. Choose the all new FlashCube™ — our self-contained, energy-efficient, all-in-one flasher solution that is scalable to fit any location and flash time requirement — or the traditional 12" flashing beacon application.

FEATURES

— Reliable 900 MHz communications
— Top of pole mounted solar array
— Poly or aluminum heads with 12" LED modules
— 4.5" spun-aluminum or black powder-coated pole with break-away base
— 30"H x 30"W fire station sign 18"H x 24"W fire station text sign
— Gel-cell battery rated as non-spillable
— Natural or black powder-coated .125" 5052 heavy-duty aluminum cabinet
— Flashers are digitally bound to other flashers in the system to ensure accurate communication between flashers
— Spread spectrum, frequency-hopping radios prevent outside radio interference
— Up to 6 flashers can be used in the system with the master radio

Helping First Responders Since 1987

RTC Manufacturing, Inc.

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

RTC Manufacturing, Inc., 1016 Enterprise Place, Arlington, Texas 76001 |

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COMPLIANCE

— Circuit board: 502598FCB NEMA certified

— Solar regulator: for use in CII, Div 2, Gp ABCD hazardous locations, operating temperature -40 to +85°C

COMPONENT MANUFACTURER WARRANTIES

— All RTC components carry a five-year limited warranty in materials and workmanship. Radios carry a one-year standard manufacturer's warranty and batteries carry a two-year standard manufacturer's warranty

PREEMPTION OPTIONS

— RTC uses GTT Opticom (IR and IntelliGreen) for its preemption communication

COMMUNICATION FLOW (ILLUSTRATED BELOW)

FLASHING CYCLE INITIATED WITH THE MASTER RADIO PUSH BUTTON

— When a push button that has been hard-wired to a master radio inside the fire station is pressed, the master radio transmits a signal (shown in red) to trigger the beacons on any flasher in the network

— The beacons flash until the end of the pre-set master radio timing cycle

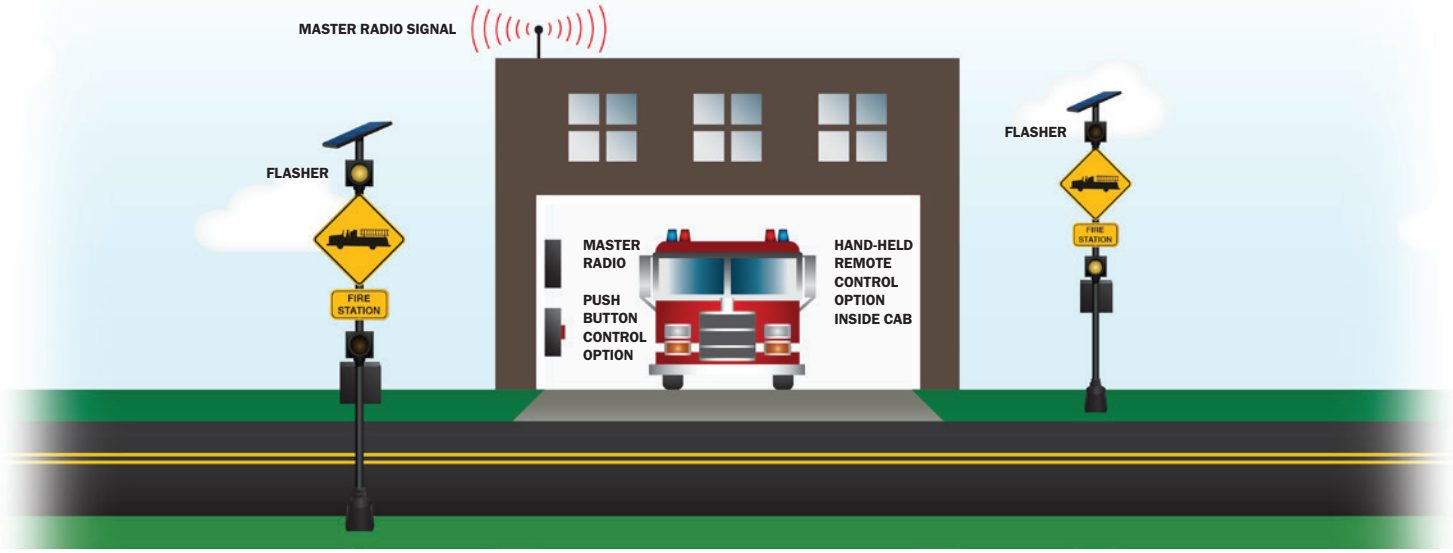
FLASHING CYCLE INITIATED WITH A REMOTE CONTROL BUTTON

— When a linear hand-held remote control inside a fire truck is pressed, a signal is transmitted to the master radio; in response, the master radio transmits a master radio signal (shown in red) to start the flashing cycle on any flasher in the network

— The beacons flash until the end of the pre-set master radio timing cycle

SPECIFICATIONS

	DESCRIPTION
RADIO	902-928 Frequency-Hopping, Spread-Spectrum (FHSS) with Time Division Multiple Access (TDMA) functionality
POWER	12VDC 18ma at rest, 84ma transmit
SOLAR ARRAY	20 watt standard, 30 to 40 watt as needed
BEACON	12"single-section polycarbonte or aluminum head
POLE	Pelco 4.5" x 15' spun-aluminum or black powder-coated pole, square break-away base with 12" x 14.5" dia. bolt pattern with plastic door, reinforcing collar and anchor bolts
SIGNS	Engineering grade sheeting - optional diamond grade (yellow or fluorescent yellow-green) or optional high-intensity prismatic (yellow or fluorescent yellow-green)
BATTERY	12 volt gel-cell battery, 58ah, rated non-spillable, 37lbs., 9.125"H x 5.5"W x 9.38"D
CABINET	.125" 5052 heavy-duty aluminum sheet, neoprene door gasket, Number 2 APL lock, screened vents, 17"H x 14.75"W x 18.5"D
CONTROL PANEL	Mounted with 900 MHz radio, 502598FCB interface panel and 10-amp solar regulator with Low Voltage Disconnect (LVD) to protect the battery from over-discharge



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