"Wireless" Traffic Control Solutions
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Tempe, Arizona 85281-2929
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A brief guide to Fire Station Flashers

Fire station flashers come in two basic formats: Type 1 and Type 2 systems.

Type 1 consists of flashing amber or red lamps. A Type 2 system consists of flashers where both red and amber lamps are used in the same signal face, and follow a specific sequence for the lamp cycle.

When filling out the following forms, start by selecting a Type 1 or Type 2 flasher format.

Next choose the activation method: Activation methods consist of a handheld radio transmitter, wall mount transmitters or a combination of the two. Fire station flashers can also be activated optically using both TOMAR and OPTICOM optical pre-emption equipment.

All systems include an omni-directional clear confirmation strobe. It should be noted that the standard manner in which these systems are installed does not allow the truck driver to see the face of the lamps. The addition of the clear confirmation strobe allows the driver to have some sense of the system status.

Please use these pages as a guide and don't hesitate to call Solar Traffic Controls at 480.449.0222. Our staff will be happy to go over your requirements and help you select the proper system.

Also, please consult your city or state roadway agency/department of traffic for any prerequisites they may have.

Thank you for considering Solar Traffic Controls products.

Solar Traffic Controls Fire Station System and Requirements Form
Return to STC via FAX at 480-449-9367

Name: _____

Agency: _____

Phone: (_____) _____ Fax: (_____) _____ Cell: (_____) _____

Application Site: _____ *(City, State)*

8" Type 1 Fire Station Flashing Beacon Systems

Lamp Size: **8″**

Color: ☐ **Amber** ☐ **Red**

Number of Lamps: ☐ **1** ☐ **2**

Run Time:

_____ **Average truck runs/day**

_____ **Seconds flashing/activation**

Optional Items:

☐ **Spun Aluminum Pole Kit, 4.5" O.D.**

☐ **W11-8 Diamond Sign**

☐ **Mast Arm Installation**

12" Type 1 Fire Station Flashing Beacon Systems

Lamp Size: **12″**

Color: ☐ **Amber** ☐ **Red**

Number of Lamps: ☐ **1** ☐ **2**

Run Time:

_____ **Average truck runs/day**

_____ **Seconds flashing/activation**

Optional Items:

☐ **Spun Aluminum Pole Kit, 4.5" O.D.**

☐ **W11-8 Diamond Sign**

☐ **Mast Arm Installation**

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Name: _____

Agency: _____

Phone: (_____) _____ Fax: (_____) _____ Cell: (_____) _____

Application Site: _____ *(City, State)*

12" Type 2 Fire Station Flashing Beacon Systems

System is dark in standby. Yellow flash upon activation, followed by yellow solid interval, followed by flashing or solid red interval. Includes omni-directional strobe lamp.

Lamp Size: **12"**

Color: **Amber and Red**

Number of Signal Heads/Pole:

☐ **1** ☐ **2**

Run Time:

_____ **Average truck runs/day**

_____ **Seconds flashing/activation**

Optional Items:

☐ **Spun Aluminum Pole Kit, 4.5" O.D.**

☐ **Mast Arm Installation**

☐ **1** ☐ **2** **W11-8 Diamond Sign(s)**
(All signs are diamond-grade.)

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Name: _____

Agency: _____

Phone: (_____) _____ Fax: (_____) _____ Cell: (_____) _____

Application Site: _____ *(City, State)*

Transmitter/Detection Units

Handheld Transmitters

Single button unit with rubber duck antenna and belt clip.
Runs on two 9VDC batteries.

Number of units requested: _____

Wall Mount AC Transmitter Unit

Radio transmitter unit with radio
Includes mushroom switch, AC/DC power supply
Radio and 38 feet of RF cable with antenna
Detailed instructions
Compatible with expansion button

_____ **27.255 Mhz radio (standard)**

_____ **900 Mhz Frequency Hopping Spread Spectrum radio**

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Name: _____

Agency: _____

Phone: (_____) _____ Fax: (_____) _____ Cell: (_____) _____

Application Site: _____ *(City, State)*

Optical Activation Units

Solar-Powered Optical Activator Unit with Radio

Self-contained unit with optical detector and 2.5" confirmation lamp

Includes radio transmitter with RF cable and antenna.

Designed for installation at end of station driveway, single bay or across the street from a multi-bay station

_____ **OPTICOM-based detector**

_____ **Strobe Switch-based detector**

_____ **Average number of Runs/Day**

_____ **27.255 Mhz radio (standard)**

_____ **900 Mhz Frequency Hopping Spread Spectrum radio**

Optional Items:

☐ **Spun Aluminum Pole Kit, 4.5" O.D.**

AC-Powered Optical Activator Unit with Radio

Control unit with AC/DC power supply, optical detector, enclosure for 4.5" O.D. pole, 2.5" confirmation lamp, radio package with antenna

_____ **OPTICOM-based detector**

_____ **Strobe Switch-based detector**

_____ **Average number of Runs/Day**

_____ **27.255 Mhz radio (standard)**

_____ **900 Mhz Frequency Hopping Spread Spectrum radio**

Optional Items:

☐ **Spun Aluminum Pole Kit, 4.5" O.D.**

☐ **Battery Backup**