

# SAFETY/SIGNALING OPTIONS

## FOR HIGH-PERFORMANCE DOORS

### ✓ BASIC SAFETY/SIGNALING DEVICES

Warning lights can be used to signal to traffic the door status, movement or issues. The Rytec's System 4® Controller includes a wide variety of configurable signaling outputs that the user can define based on their specific traffic interaction needs.

- ▶ Traffic Lights; Red/Yellow/Green
- ▶ Traffic Lights; Red/Green
- ▶ Strobe Lights\*
- ▶ Rotating Lights\*

Typically used in industrial environments or applications where traffic rates are higher. Careful selection in applications with a high population of other signaling lights is necessary to insure distinction.



360 Sounder/Strobe Lights



Traffic Light

### ✓ ENHANCED SAFETY/SIGNALING DEVICES

#### PATHWATCH® SAFETY LIGHT SYSTEM

The original **Pathwatch** system set the standard for door-to-traffic signaling and is standard on most Rytec high-performance doors.

#### PATHWATCH® II SAFETY LIGHT SYSTEM (PATENT PENDING)

The next-generation **Pathwatch II** system projects a pair of red stripes across the door threshold during a variety of user definable events. Available for both Rytec System 4 door controllers as well as existing doors with System 3 controllers. The Pathwatch II uses steady, slow flashing and fast flashing modes to indicate door activities such as door is about to close, pathway is not clear to pass, door is in automatic/faulted mode and door is closing.



Pathwatch on side column



Pathwatch II above door



Pathwatch II at threshold



#### COUNTDOWN CLOCK

Countdown clock signals traffic how much time is remaining before door begins closing. Adjustable time is set in the System 4 controller and automatically synchronizes the clock to the set time value. Includes articulating mounting bracket.



#### AUDIBLE ALERT SYSTEM

Rytec's new audible alert system stores and plays back pre-recorded or user created messages that can be played during various door activities.

#### RYTEC'S SYSTEM 4® CONTROLLER FLEXIBILITY

The flexibility offered in the System 4 door controller allows for a wide variety of message triggers. Combined with the user recordable message feature, the examples are endless. "Attention this door is about to close, please clear the doorway", "Welcome to our dealership", "Thank you for visiting our showroom", "The door is in airlock mode, please wait for the airlock to clear". The system can even be set to announce "You are in the doorway, please clear the opening" when traffic is blocking the light curtain or photo eye safety devices.

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### ADVANCED<sup>3</sup> LIGHT CURTAIN SAFETY SYSTEM

- ▶ Intelligent signal processing provides continuous monitoring for improved door performance and longevity
- ▶ Mounted in the door's travel path for most complete coverage
- ▶ Registers activity up to a height of 6 feet 6 inches from doorway threshold
- ▶ System 4<sup>®</sup> Controller and light curtains are in constant communication – providing advanced operation and diagnostic information
- ▶ Sensitivity adjustment for improved functionality in direct sunlight

#### Specifications

- Power Supply: 24Vdc
- 3" maximum spacing between individual beams of light curtain with beams closer together near floor line
- Light curtain emitter and receiver communicate directly with each other and with door controls via RS485 protocol
- Beams blocked within 15" from the leading edge of door result in hard reversal in shortest time and distance possible; beams blocked further than 15" from leading edge of door result in soft reversal to reduce wear on motor and door parts



### RY-WI<sup>®</sup> WIRELESS SYSTEM

- ▶ Stationary unit located in the head, is wired to the absolute encoder and System 4 controller providing two-way safety communication between control box and bottom bar of door
- ▶ Eliminates coil cords reducing maintenance costs
- ▶ Durable construction and heavy-duty mobile unit
- ▶ Uses significantly less power in an automatic sleep mode for extended battery life
- ▶ Platform enables modifications and upgrades in minutes

#### Specifications

- Power Supply: 24Vdc
- 3.7V lithium thionyl chloride battery
- 2,400 to 2,480 GHz range
- Robust technology allows system to operate in environment from -40°F to 185°F (mobile/stationary units)
- Directional antennae frequency eliminates signal interference and cross talk
- Smart battery indicator provides advanced warning when power is low and automatic sleep mode prolongs battery life



◀ Watch All Rytec Testimonials

Specifications subject to change  
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