WGE Weatherproof Low-profile Strobes and Horn Strobes

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BOSCH
Invented for life

- Wide voltage range, 16 to 33 VDC or FWR
- 75 cd strobe meets ADA 4.28.3 requirements
- Listed for outdoor use when used with the GOELP outdoor enclosure
- Jumper selection for high or low frequency and for temporal Code 3 or continuous tone patterns
- Separate horn and strobe functions; silences horn while strobes remain flashing

The Gentex WGE family of weatherproof low-profile strobes and horn strobes offer dependable visible and audible alarms. The horns have a synchronizable (using the AVSM Synchronization Module) chime and whoop tones. You can select high or low volume and choose a 2400 Hz (remote signaling) tone or a low frequency (1500 Hz to 3000 Hz) mechanical sounding tone where doors could prevent hearing the other tone. They are easily field-changeable from temporal Code 3 to a continuous tone. They are shipped from the factory on the temporal lower frequency mode, and come standard with a rugged die-cast metal mounting plate. The strobes have a low operating current and a minimum flash rate of 1 Hz regardless of the input voltage.
These devices are equipped with the SuperSlide feature to test supervision and the Instant Voltage Verification feature for measuring voltage drop draw. The GOELP Low-profile Outdoor Enclosure that creates a surface-mount look is included with each unit. The unit and GOELP enclosure must be used together to meet the UL outdoor listing.

Certifications and approvals

Gentex Corporation hold these listings and approvals:

Region	Certification	
USA	UL	ULSZ: Audible-signal Appliances (ANSI/UL 464), ULSZ7: Audible-signal Appliances Certified for Canada (CAN/ULC-S525), UVAV: Visual-signal Appliances for Fire-protective Signaling Systems (ANSI/UL 1638), and UEES7: Visual-signal Appliances Certified for Canada [CAN/ULC-S526 (1987)]
	CSFM	see our website

Installation/configuration notes

Compatible Products
The following products are compatible with these strobes:

Control Panels:

Active[1]: FPA-1000 family and FPD-7024 family

Legacy[1]: D10024A, D9412, D8024, D7024[2], and D7022[3]

Synchronization Modules:
AVSM-R and AVSM-W
[1] For synchronization, use the AVSM-R or AVSM-W Synchronization Modules with these control panels.
[2] When used with a D7039 Multiplex Expansion Module, the D7024 becomes an addressable fire alarm control panel (FACP).
[3] The D7022 must be set for 24 VDC operation and requires the AVSM-R or AVSM-W Synchronization Modules for synchronization.

Mounting Considerations

For an outdoor application or a severe environment (NEMA 3R) application, the WGES Strobes in GOELP Outdoor Enclosures are to be mounted on a flat wall on a universal electrical box. The enclosure is supplied; the electrical box is not supplied.

Wiring

Notice

Do not use these units in coded or pulsed signaling circuits.

The input terminals accept wires with diameters between 18 AWG and 12 AWG (ISO 0.75 mm^2 and 4 mm^2).

Parts included

Quant.	Component
1	Strobe or horn strobe with finish plate
1	Die-cast mounting plate
1	GOELP low-profile outdoor enclosure
1	Plastic test card
1	Hardware pack
1	Literature pack

Technical specifications

Environmental Considerations

Temperature (Operating):	
• Indoor	+32°F to +120°F (0°C to +49°C)
• Outdoor	-31°F to +150°F (-35°C to +66°C)

Mechanical Properties

Candela Rating	75 cd
Dimensions (HxWxD):	
without GOELP enclosure	5 in. x 4.5 in. x 2.5 in. (12.7 cm x 11.4 cm x 6.4 cm)
with GOELP enclosure	5.75 in. x 4.75 in. x 3.25 in. (14.6 cm x 12.1 cm x 8.3 cm)

Power Requirements

Strobe Current (maximum)	180 mA RMS; 245 mA FWR
Voltage (Input):	
• nominal	24 VDC or FWR
• range	16 VDC or FWR to 33 VDC or FWR

All hardware and software product names used in this document are likely to be registered trademarks and must be treated accordingly.

Ordering information

WGEC24-75WRLP Weatherproof Low-profile Horn Strobe (red)
This red low-profile, wall-mount horn strobe offers dependable visible and audible alarms for all outdoor needs.
Order number **WGEC24-75WRLP**

WGEC24-75WWLP Weatherproof Low-profile Horn Strobe (off-white)
This off-white low-profile, wall-mount horn strobe offers dependable visible and audible alarms for all outdoor needs.
Order number **WGEC24-75WWLP**

WGES24-75WRLP Weatherproof Low-profile Strobe (red)
This red low-profile, wall-mount strobe offers dependable visible and audible alarms for all outdoor needs.
Order number **WGES24-75WRLP**

WGES24-75WWLP Weatherproof Low-profile Strobe (off-white)
This off-white low-profile, wall-mount strobe offers dependable visible and audible alarms for all outdoor needs.
Order number **WGES24-75WWLP**

Accessories

AVSM-R Synchronization Control Module (red)
Synchronization module for use with all Gentex synchronizable notification appliances except the HS24 Series and the ST24 Series.
Not Available.
Order number **AVSM-R**

AVSM-W Synchronization Control Module (white)
Synchronization module for use with all Gentex synchronizable notification appliances except the HS24 Series and the ST24 Series.
Not Available.
Order number **AVSM-W**

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