GDS-450X Alarm Station Annunciator

Integrated Two-Strobe Plus Horn Configuration
Suitable for Class I Division 2 Hazardous Areas

* Convenient one or two strobe plus horn configuration

* Super-bright strobes with 360° all-around visibility

* Optional rated 108 db(A) horn with 25+ programmable tones

* All components suitable for Class I Div 2 Hazardous Areas

* Choice of red. amber, blue, clear, purple or green strobes

* Corrosion-resistant stainless steel mounting plate

* Pre-wired with screw-terminal interface for easy installation

* Mounting holes for wall mount or poles up to 2" in diameter

* User-programmable electronic horn with multiple tones

* Quick-connect wiring option makes field installation foolproof

* Easy interface to all GDS Corp controllers or gas detectors

* Available in both 24VDC and 110VAC configurations

* Adjustable horn volume for smaller or confined spaces

* Suitable for both indoor and outdoor applications

* Manufactured in USA

GDS-450X Alarm Annunciators
The new GDS-450X Alarm Station Annunciator provides a convenient way to install one or two-strobe plus horn alarm stations that enhance employee safety and provide both audible and visual indication of alarm conditions.

The GDS-450X utilizes the Tomar 4375 hazardous area xenon strobe for maximum warning visibility in all directions. Available in multiple colors, the Model 4375 includes a shatter resistant Lexan™ lens and produces up to 800,000 peak candle power (depending on color). The Model 4375 is CSA certified for Class I Division 1 areas and is rated NEMA 4X and constructed to IP66 ingress protection.

The GDS-450X strobe + horn configuration also includes a high output (108 dbA) electronic horn with more than 25 programmable sound patterns that include continuous, pulse and alternating tones of different frequencies. This makes it easy for users to adjust the horn output such that it can be clearly heard above common background noise. The horn is UL Listed for Class I Division 2 hazardous areas and is ATEX certified.

The GDS-450X Alarm Station also includes a standard external wiring junction box that supports up to three 3/4" NPT conduit entries and provides easy field wiring termination. A 'quick-connect' option is also available that includes pre-wired male connectors in

GDS-450X 2 - 1 / 1 / 1 - 1 - 0
Dual Strobe + Horn Configuration

the alarm annunciator and a matching quick-connect female connector for use with the primary alarm device.

GDS-450X Alarm Station Annunciators are suitable for use with the GDS Corp C1 *Protector*, C2 *Protector*, C2 *Quad Protector and* C64 *Protector* Display & Alarm Controllers and the C2/TX Wireless Site Manager Controller.

The GDS-450X Alarm Station Annunciator is ideal for adding warning devices at:

* *Gates, driveways & entrances to monitored areas*
* *Crew quarters or storage areas where warnings may be missed*
* *Noisy locations around rigs or manufacturing facilities*
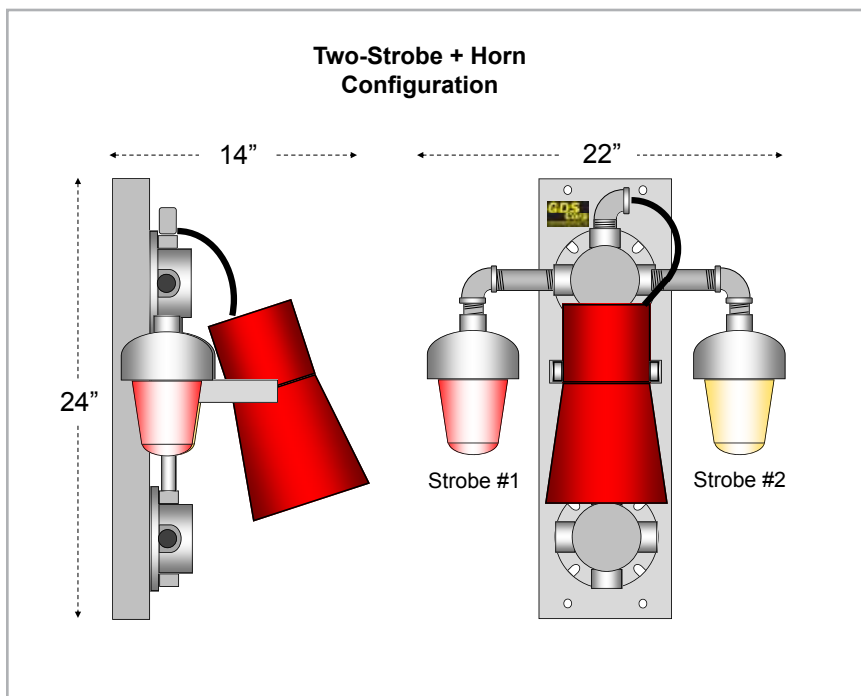* *Ancillary support areas or 'shelter in place' locations*

GDS-450X Alarm Station Specifications

Power Input	DC Version: 12-48 VDC: Strobes: 0.6A @ 24VDC each; Horn: 0.38A @ 24VDC AC Version: 120-240VAC: Strobes: 0.2A @ 120VAC; Horn: 0.124A @ 120VAC
Visual Output	One or two Tomar 4375 series Hazardous Location Warning Lights with shatter-resistant Lexan™ lens. High power 8-joule xenon strobe tube produces 200 Effective Candela (ECP) and up to 800,000 Peak Candlepower. Rated NEMA 4X and constructed to IP 66 ingress protection. UL listed and CSA certified for use in areas rated Class I Division 2, Groups A, B, C & D. Flash rate 80 flashes per minute. Colors available include red, amber, blue, clear or purple.
Audible Output	Optional horn sounder, 108 dB(A) at 10 feet. UL listed for use in areas rated Class I Division 2, Groups A, B, C & D. Twenty-seven plus 5 programmable tones. Red color standard.
Operating Temp	-40°C to +65°C (strobe + horn or strobe only)
Materials	Strobe: Epoxy-coated aluminum + Lexan lens Horn: Corrosion-free non-metallic GRP Mounting plate: 304 stainless steel
Dimensions	24" x 22" x 14", 35 lbs 61 cm x 56 cm x 36 cm, 15.8 kg
Warranty	2 years from date of purchase

Two-Strobe + Horn Configuration

Strobe #1   Strobe #2

Order Code

GDS-450X A - B / C / D - E - F

"A"	STROBE #1 1 = Red Strobe 2 = Amber Strobe 3 = Blue 4 = Clear 5 = Purple 6 = Green
"B"	STROBE #2[1] 0 = None 1 = Red Strobe 2 = Amber Strobe 3 = Blue 4 = Clear 5 = Purple 6 = Green
"C"	HORN[1] 0 = None 1 = Multi-tone Horn, 108dB(A) Max @ 10'
"D"	POWER INPUT 1 = +12 to +48VDC ("DC") 2 = 120 to 240 VAC ("AC")
"E"	WIRING OPTION[2] 1 = Wiring junction box with screw terminals 2 = Quick-connect male + female (no cable)
"F"	MOUNTING HARDWARE[3] 0 = None 1 = Stainless steel U-bolts, nuts and washers for poles up to 2" dia

NOTES
Note 1: Strobe #2 and horn are optional.
Note 2: Quick-connect cables sold separately
Note 3: Mounting hardware includes stainless steel U-bolts, nuts and washers.