

Explosionproof & Hazardous Location, Heavy Duty Industrial & Marine, Weatherproof



Introduction

This range of audio/visual combination units may be assembled from MEDC's range of beacons and sounders. Mounted on a sturdy, drilled, painted, stainless steel plate, the units are pre-wired as standard such that a single input operates both the sounder and beacon simultaneously.

Units are available for use in potentially explosive atmospheres and dedicated units are now available for use in industrial and marine environments.

Authorized Distributor:
GasDetectorsUSA.com
Houston, TX USA
832-615-3588
sales@GasDetectorsUSA.com

Features

- *UL listed Class I, Div. 1 & 2, Groups C & D.
- *ATEX approved.
- NEMA 4x & 6, IP66 and 67.
- *Certified temperature: -67°F to $+158^{\circ}\text{F}$
 -55°C to $+70^{\circ}\text{C}$.
- Corrosion free GRP beacon/sounder.
- Beacon available as xenon, filament, fluorescent or LED.
- Xenon: up to 21J.
- Filament: up to 100W.
- Fluorescent: up to 39W.
- LED: up to 192cd.
- Sounder: up to 105dBA output at 10 feet.
- All stainless steel (316), epoxy painted back plate.

**Model dependent.*

Other combinations of beacons and sounders are available – please contact sales office for detailed specifications.



Specification

1. XB11/DB3 – Explosionproof Xenon 5J; Sounder up to 115dB(A), all GRP corrosion free products.

Certification:	ATEX: Ex II 2GD, EExdIIBT5. UL: Class I, Div. 2, Groups C & D.
Voltage:	24V d.c., 110V a.c., 240V a.c.
Beacon:	Standard: XB11 (Xenon 5J). Option: Filament (10W). Fluorescent ($\leq 10W$).
Sounder:	Standard: DB3 (long fl are) $\leq 105dB(A)$ at 10 feet. Option: DB3 (short fl are) $\leq 98dB(A)$ at 10 feet.
Dimensions:	16 $\frac{1}{2}$ " (height) x 8 $\frac{2}{3}$ " (width) x 13 $\frac{1}{4}$ " (depth).
Options:	Refer to data sheet. Specify when ordering.

Ordering information – Standard product. Specify options 1 to 4

Product	1. Certification	2. Voltage	3. Lens colour	4. Finish
XB11+DB3	ATEX UL	see above	Red Amber	Natural Black or Red



2. SM87HXB/DB1 – Explosionproof Xenon 5J; Sounder up to 110dB(A), LM25 or stainless steel construction, red finish.

Certification:	ATEX: Ex II 2G, EExdIIBT4(T3). UL: Class I, Div. 1, Groups C & D.
Voltage:	24V d.c., 110V a.c., 240V a.c.
Beacon:	Standard: SM87 (Xenon 5J). Option: Filament (10W). Fluorescent ($\leq 10W$). LED ($\leq 192cd$).
Sounder:	Standard: DB1 HP $\leq 100dB(A)$ at 10 feet. Option: DB1 P $\leq 96dB(A)$ at 10 feet.
Dimensions:	13 $\frac{3}{4}$ " (height) x 9" (width) x 8" (depth).
Options:	Refer to data sheet. Specify when ordering.

Ordering information – Standard product. Specify options 1 to 5

Product	1. Body Material	2. Certification	3. Voltage	4. Lens colour	5. Finish
SM87HXB+DB1HP	LM25 or Stainless Steel	ATEX UL	see above	Red Amber	specify



3. SM87HXB/DB3 – Explosionproof Xenon 5J; LM25 or stainless steel, Sounder up to 115dB(A), GRP construction, red finish.

Certification:	ATEX: Ex II 2G, EExdIIBT5. UL: Class I, Div. 2, Groups C & D.
Voltage:	24V d.c., 48V d.c., 110V a.c. to 240V a.c.
Beacon:	LM25 or stainless steel.
Sounder:	Corrosion-free GRP.
Beacon:	Standard: SM87 HXB (Xenon 5J).
Sounder:	Option: Filament (10W). Fluorescent ($\leq 10W$). LED ($\leq 192cd$) Standard: DB3 (long fl are) $\leq 105dB(A)$ at 10 feet. Option: DB3 (short fl are) $\leq 98dB(A)$ at 10 feet.
Dimensions:	16 $\frac{1}{2}$ " (height) x 8 $\frac{2}{3}$ " (width) x 13 $\frac{1}{4}$ " (depth).
Options:	Refer to data sheet. Specify when ordering.

Ordering information – Standard product. Specify options 1 to 5

Product	1. Body Material	2. Certification	3. Voltage	4. Lens colour	5. Finish
SM87HXB+DB3	LM25 or Stainless Steel	ATEX UL	see above	Red Amber	specify



4. XB13/DB12 or XB13/DB15 – Heavy Duty Industrial & Marine Xenon 10J; Sounder DB12 (DB15) up to 110dB(A) (117 dB(A))

Applications:	Harsh Industrial & Marine Environments.
Voltage:	24V d.c., 110V a.c., 240V a.c.
Beacon:	Standard: XB13 (Xenon 10J).
Sounder:	Standard: DB12 $\leq 100dB(A)$ at 10 feet. Standard: DB15 $\leq 105dB(A)$ at 10 feet.
Dimensions:	11 $\frac{3}{4}$ " (height) x 7 $\frac{2}{3}$ " (width) x 8 $\frac{2}{3}$ " (depth).

Ordering information – Standard product. Specify options 1 to 3

Product	1. Voltage	2. Lens colour	3. Finish
XB13/DB12	see above	Red Amber	Natural Red

