

BEACON/SOUNDER COMBINATION UNITS

EExd(e), Heavy Duty Industrial & Marine, Weatherproof



Example of installed
combination unit



XB11/DB3

Example shown is for illustration only.
Other combinations are available.

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.

- ★ *Zones 1, 2 and safe area use.
- ★ *ATEX approved Ex II 2GD.
- ★ *UL listed Class I, Div. 1 & 2, Groups C & D.
- ★ IP66 and 67.
- ★ *Certified temperature -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 115dBA output at 1 metre.
- ★ All stainless steel (316), epoxy painted back plate.

*Model dependent.

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Standard Products

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 (≤ 10W).
- ★ Sounder: Standard: DB3 (long flare) ≤ 115dB(A) at 1 metre.
Option: DB3 (short flare) ≤ 108dB(A) at 1 metre.
- ★ Dimensions (mm): 420 (height) x 220 (width) x 337 (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 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 (≤ 10W). LED (≤ 192cd)
- ★ Sounder: Standard: DB1 HP ≤ 110dB(A) at 1 metre.
Option: DB1 P ≤ 106dB(A) at 1 metre.
- ★ Dimensions (mm): 351 (height) x 228 (width) x 205 (depth).
- ★ Options: Refer to data sheet. Specify when ordering.

Note: Example only – actual arrangement may vary (contact sales office)

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 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, EExdIICT5.
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).
Option: Filament (10W). Fluorescent (≤ 10W). LED (≤ 192cd)
- ★ Sounder: Standard: DB3 (long flare) ≤ 115dB(A) at 1 metre.
Option: DB3 (short flare) ≤ 108dB(A) at 1 metre (also available close coupled).
- ★ Dimensions (mm): 420 (height) x 220 (width) x 337 (depth).
- ★ Options: Refer to data sheet. Specify when ordering.

Note: Close coupled unit only available ATEX certified.

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 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: 12V, 24V d.c., 110V, 240V a.c.
- ★ Beacon: Standard: XB13 (Xenon 10J).
- ★ Sounder: Standard: DB12 ≤ 110dB(A) at 1 metre.
Standard: DB15 ≤ 115dB(A) at 1 metre.
- ★ Dimensions (mm): 300 (height) x 195 (width) x 220 (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

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

All the above specifications, dimensions, weights and tolerances are nominal (typical) and MEDC reserve the right to vary all data without prior notice. No liability is accepted for any consequence of use.

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