

### POWER ALARM® PROGRAMMABLE MULTI-SOUND INDUSTRIAL SIGNALS

The POWER ALARM® siren is a heavy duty industrial audible alarm designed to operate under adverse industrial conditions such as shock, vibration, or transient voltage surges. The models 1000 and 1100 POWER ALARMS are supplied with a plug-in single channel programmable sound module that generates 8 different rotary switch selectable sounds plus 4 additional sounds that can be selected remotely by customer switch. Remote feature requires RJ45-6 remote control cable. See chart below for details.

- 120 db at 4 ft.
  - NEMA 4 circuitry enclosure.
  - 100% all metal speaker, weatherproof construction.
  - Speaker and plug-in programmable sound module included.
  - -55 to + 60 degree C temperature range.
- 8" tall X 6" wide X 3" D enclosure  
10 1/2" L X 19 1/2" tall X 10" W speaker, 15 lbs. Total.

Model Number	Voltage/Amps
1000-120	120/240AC, .5/.25
1100-12/24	12/24 DC, 3.15
1100-250	250DC, 0.25

- PARTS & ACCESSORIES ("/" factory installed options)
- MULTISOUND Multi-Sound plug-in module
  - 1001 Speaker
  - 1000-PCB 120VAC printed circuit board
  - 1100-PCB 250 VDC printed circuit board
  - 1100-PCB-12/24 12/24VDC printed circuit board
  - /SSA NEMA 4 stainless steel enclosure
  - RJ45-6 Remote Control Cable

### EXPLOSION PROOF POWER ALARM® PROGRAMMABLE MULTI-SOUND SIGNAL

The single sound channel EXPLOSION PROOF POWER ALARM® is a solid state audible device with a hard wired single channel programmable sound module that generates 8 different rotary switch selectable sounds plus 4 additional sounds that can be selected remotely by customer switch. Remote feature requires RJ45-6 remote control cable. See chart below for details.

- 117 db at 4 ft, 109 db at 10 ft.
  - 120 X 60 degree sound dispersion.
  - Weatherproof construction, fiberglass horn & cast aluminum housing
  - -55 to + 85 degree C temperature range
  - NEMA 4X Marine rating.
- 14"W X 6" Tall X 17 1/2"L, 24 lbs.

Model Number	Voltage/Amps
1002WEP-120	120VAC, 0.2
1002WEP-240	240VAC, 0.1
1002WEP-24	24VDC, 0.8
1001-WEP	EP Speaker w/o circuitry
RJ45-6	Remote Control Cable

Multisound Siren Module Standard Rotary Switch Single Tone Selection Chart		RJ45-6 Remote Control Cable Selections		
Switch Selection	Operation	Remote Control	Operation	Priority
0	Selects Remote Control Operation	Orange Wire	Horn - Steady	1
1	8 Tone Parade Sequence	Black Wire	Two-Tone - Alternating	2
2	Wail - Conventional Siren	Red Wire	Yelp - Rapid Siren	3
3	Yelp - Rapid Siren	Gray Wire	Wail - Conventional Siren	4
4	Two-Tone - Alternating			
5	Whoop Ascending Low-High			
6	Yeow - Descending High-Low			
7	Horn - Steady			
8	Beep - Slow Intermittent Horn			
9	Stutter Rapid Intermittent Horn			

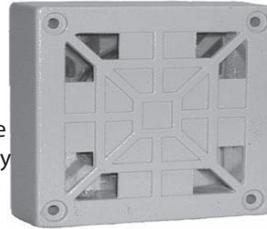
# HORNS, SIRENS & BELLS



TAR-115 115 VAC Indoor Telephone Actuated Relay

## TELEPHONE ACTUATED RELAY

This solid state relay is designed to actuate any 115 VAC device up to five amps rated current during the on time of the telephone ring cycle. The sturdy plug-in design is simple to install and is well suited for indoor industrial applications. FCC registered and UL listed. Operates on standard 90 Volt, 20 Hz telephone network ringing voltages. Low ringer equivalence rating of 0.35 A



Series 31T 115V AC Horn

## HORNS

Weatherproof resonant grill type horns ideally suited for industrial signalling applications where high sound, low current draw and dependable operation are essential.

- UL Listed.
  - 96 db @ 10 ft.
  - Gray is standard, Red is available.
- 31T-115-S 120 AC, 160 mA

### Accessories:

- BB-S Indoor Surface Back Box
- WBB-S Weatherproof Back Box



## STROBE-BELL COMBINATION

To enhance the bell tone signal a flashing strobe has been combined with a 6" bell and integrated on a single mounting plate for indoor applications.

- UL listed.
- Gray is standard, optional red color for housing and bell.
- Horizontal or vertical strobe position.



## STROBE HORNS

The strobe horn has the same specifications as the standard resonant grill horn, except for the addition of a flashing strobe light.

- 95 db @ 10 ft. UL Listed.
  - White is standard, Red is available
- 6185B-EB-21-120-60 120AC  
6234B-E-21-24-DC 24DC

SBH-120 120 AC Strobe/Bell with 6" vibrating bell and horizontal 15 cd strobe

- 15 cd (candela) is standard, available in 15/75 cd
- 6" is standard bell size, available in 4", 5", 8" & 10"
- Vibrating is standard, single stroke bells available

- 6234B available only with " Fire" on panel
- Current Draw (Strobe): 30 mA @ 120 AC, 59mA @ 24 DC
- 15/75 cd (candela) is standard, 30/75, 60/75, 75 & 110 are available
- Strobe and Horn can be operated together or separately.

### Accessories:

- 3017B-0-21 Indoor Surface Back Box
- 3014B-0-21 Weatherproof Back Box
- 3047B-0-21 2.7" D Indoor Flush/Surface Back Box



## FLASHER-BELL COMBINATION

The Flasher/Bell is designed for heavy-duty interior and exterior applications with a choice of AC or DC Models. The added feature of a flashing incandescent lamp will enhance the audio bell tone signal.



## MULTI-TONE SIGNAL

The Multi-Tone Electronic Signal is field selectable to provide eight distinct tones, with optional flashing strobe light. UL Listed.

- 91-97 dba @ 10 ft.
- White is standard, Red is available
- For indoor use only

- 1035 120VAC 4" Vibr, .10A
- 1233 12 VDC 4" Vibr, .34A
- 1234 24 VDC 4" Vibr, .20A
- 1034 24 VAC 4" Vibr, .40A
- 2035 120VAC 6" Vibr, .34A
- 2233 12 VDC 6" Vibr, .34A
- 2234 24 VDC 6" Vibr, .20A
- 2034 24 VAC 6" Vibr, .40A

- 2045 120 VAC 6" puls, .10A
- 2243 12 VDC 6" Puls, .34A
- 2244 24 VDC 6" Puls, .20A
- 2044 24 VAC 6" Puls, .40A
- WP Weatherproof Housing

Horn, bell, chime, siren, slow whoop, temporal, hi-lo, & single stroke bell.

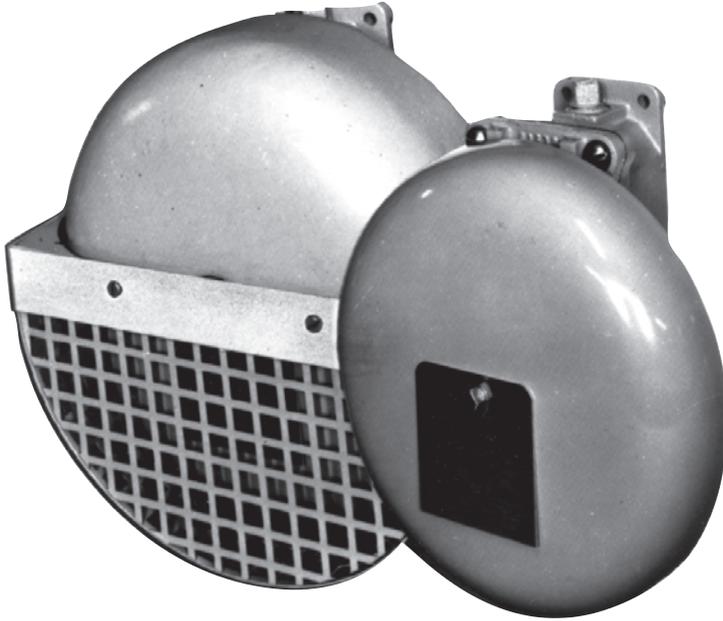
- 15/75 cd (candela) is standard, 30/75, 60/75, 75 & 110 are available
- Current Draw: Horn varies depending upon tone chosen, Strobe = 59 mA
- Strobe and Horn can be operated together or separately

- MT4-12/24-S 12/24 DC, 8 Tone Horn w/o strobe
- MT-241575W-NW 24 DC, 8 Tone Horn with 15 cd strobe
- MT4-115-S 115 VAC 8 Tone Horn w/o strobe

### Accessories:

- IOB-W Surface Back Box for MT Series
- BB-S Surface Back Box for MT4 and 31T Series

# EXPLOSION PROOF BELLS & AC DC BELLS



## EXPLOSION-PROOF BELLS

Rugged, reliable cast construction features hinged cover, cast back box for surface mounting with 1/2" threaded conduit entrances on top and bottom of housing and protective hood and guard for outdoor models.

UL listed for Class I, groups B, C & D. Class II, groups F & G.

CVX10-115AC-S Vibrating Indoor 10" Bell, 115 VAC, .22A, 90 db @ 10'  
CVXG10-115AC-S Vibrating Outdoor 10" Bell, 115 VAC, .22A,  
90 db @ 10'

CSX10-115AC-S Single Stroke Indoor 10" Bell, 115 VAC, .125A,  
87 db @ 10'

CSXG10-115AC-S Single Stroke Outdoor 10" Bell, 115 VAC, .125A,  
87db @ 10'

CSX10-24DC-S Single Stroke Indoor 10" Bell, 24 VDC, .5A, 87db @ 10'

CSXG10-24DC-S Single Stroke Outdoor 10" Bell, 24 VDC, .500A  
87db @ 10'

## AC & DC UL LISTED BELLS

Heavy Duty, vibration resistant bells feature easy to install unique back plate that attaches to the conduit box without removing the gong.

1005 4" 120 VAC Indoor Vibrating - pig tail - .09 amps

2005 6" 120 VAC Indoor Vibrating - pig tail - .09 amps

1003 4" 12 VAC Indoor Vibrating - pig tail - .8 amps

1004 4" 24 VAC Indoor Vibrating - pig tail - .35 amps

1105 4" 120 VAC Indoor Single Stroke - pig tail - .36 amps

1203 4" 12 VDC Indoor Vibrating - pig tail - .45 amps

2204 6" 24 VDC Indoor Vibrating - pig tail - .20 amps

2025 6" 120 VAC Outdoor Vibrating - .09 amps

2223 6" 12 VDC Outdoor Vibrating - .45 amps

2224 6" 24 VDC Outdoor Vibrating - .20 amps

3025 8" 120 VAC Outdoor Vibrating - .09 amps

3223 8" 12 VDC Outdoor Vibrating - .45 amps

3224 8" 24 VDC Outdoor Vibrating - .20 amps

3226 8" 240 VDC Outdoor Vibrating - .03 amps

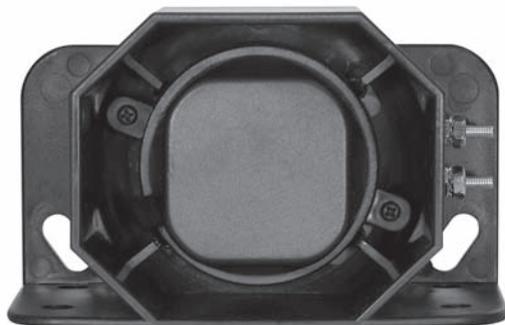
# BACK-UP ALARMS & AIR HORNS



## MODERATE dba FOR LIFT TRUCKS

The "moderate dba" family features "heavy duty" construction and multi-voltage inputs. Model "AA" has self-adjustable sound level 5db above surrounding noise. SAE J994

- 60 BPM
- Positive or negative ground
- Weatherproof
- Universal mounting
- Fiberglass reinforced nylon housing
- Temperature range -40F to 185F
- Size: 2.6" H X 4" W X 1.6" D  
3" to 3.25" centers .5 lbs.



## 107 dba MODELS

Heavy duty construction backup alarms for mobile equipment housing and "AA" self-adjusting sound level = 5db above surrounding noise. Size: 3.2" H X 5.2" W X 2.88" D  
4" X 4.375" centers 1 lb

- 60 BPM
- Positive or Negative Ground
- Universal Mounting
- Temperature range -40F + 185F



## 112 dba MODELS

- Model "AA" Self-Adjustable sound level = 5db above surrounding noise
- Universal mounting bracket
- Weatherproof
- Fiberglass reinforced nylon housing
- Size: 3" H X 5" W X 3.75" D  
2" X 4" centers 1.4 lbs



## AIR HORNS

Low pressure (40 - 150 PSI) to deliver signals with tremendous power.

- All brass construction
- Fully weatherproof
- 10 CFM @ 50 PSI, 140 db @ 1 meter
- 1061 10", 493 hz
- 1062 12", 396 hz
- 1063 15", 312 hz
- 1064 18", 246 hz
- 1085 Duplex Bracket
- 1086 Triple Bracket
- 1087 Quadruple Bracket

## AC/DC Motor Driven Sirens & Multitone Electronic Signals



### MOTOR DRIVEN SIREN

These motor driven sirens are an ideal choice for all heavy duty applications. Designed to operate under the day-to-day conditions of steel mills, motor driven sirens produce a very loud high pitched signal easily heard over surrounding noise. The fully enclosed AC/DC motor is securely mounted inside a weatherproof steel housing that includes a screen for added protection.

#### FEATURES

- 120 and 250 AC/DC input voltage models
- UL listed for 120 AC/DC
- Weatherproof
- 117 db @ 10 ft. (measured in free air)
- Extra heavy duty bracket suitable for mounting on overhead cranes
- Bright red epoxy powder coated finish
- Size: 15 11/32" L X 7 1/2" Dia. 11 lbs.

#### COMPLETE UNITS

- F-2-117-120 120 AC/DC, 2.5 amps, 117 db, motor driven siren
- F-2-117-250 250 AC/DC, 1.25 amps, 117 db, motor driven siren

#### PARTS

- F-120 120 AC/DC Motor
- F-250 250 AC/DC Motor
- F-2-8 Mounting Bracket



### COMPACT ELECTRONIC MULTITONE SIREN

Powerful, heavy duty electronic siren in a compact package, the E-4 offers 113 DB at ten feet and thirty two distinct sounds, including ISO certified and country specific warning sounds. All sounds can be obtained from a two wire supply. When versatility is a must, the E-4 is at home in a wide range of industrial, office, hotel and many other emergency signalling environments.

#### FEATURES:

- 113 DB @ 10 ft. Adjustable from 83-113 DB.
- 32 different sounds. (see below)
- Red finish 3 5/8" high X 3 5/8" wide X 2 8/9" deep made of ABS Plastic.
- Can be mounted with supplied base or with optional #4 electrical box.
- .015 amps @ 110 VAC, .008 amps @ 220 VAC.
- .06 amps @ 12 VDC, .03 amps @ 24 VDC
- Weatherproof if ceiling or wall mounted

#### SOUNDS:

Number	Description	Number	Description
1	Banshee LF Buzz	2	Banshee Fast Sweep
3	Banshee Slow Sweep	4	Banshee Continuous
5	Banshee Fast Sweep (new)	6	Medium Sweep
7	Continuous	8	Back Up Alarm
9	Alternate	10	Medium Sweep
11	Alternate	12	Bedlam Buzz
13	Bedlam Fast Sweep	14	Bedlam Slow Sweep
15	Bedlam Continuous	16	Banshee HF fast Sweep
17	Back Up Alarm HF	18	Alternate HF
19	Slow Whoop	20	Din Tone
21	French Fire Sound	22	Australian Alert Sound
23	Australian Evacuation Signal	24	US Temporal Tone
25	US Temporal Tone	26	Swedish Tone (fire)
27	Swedish Tone (all clear)	28	ISO 8201 LF
29	ISO 8201 HF	30	BT Banshee FP 1063.1
31	BT Banshee FP 1063.1	32	Bell Tone

- E-4-AC 110 or 220 AC Multitone Electronic Signal
- E-4-DC 9 to 30 DC Multitone Electronic Signal