HORNETTM



Economical All Hazard Siren System

Whelen's HORNET Series All Hazard Sirens provide an economical alternative for replacing outdated electro-mechanical sirens.

SYSTEM FEATURES

- **HORNET** Speaker assembly
- Two-Compartment (Type I) natural finish aluminum cabinet
- Speaker includes one high efficiency 400 watt speaker driver
- 50' Cable
- Battery powered. Minimum of 15 minutes of full power output with batteries of our recommendation
- AC temperature compensated 5 amp battery charger
- Local controls or remote controls
- One power amplifier
- Rotor
- Electronic siren controller
- Tone generator
- Timer
- Local control push-buttons
- SI TEST®
- Low Battery alarm
- Battery tray
- Lightning arrestor
- Six standard public warning tones: Wail, Whoop, Attack, Hi-Lo, Alert, Airhorn

SYSTEM OPTIONS

- **Solar Option** 2 each, 80 watt panels, with brackets and solar regulator
- Batteries 2 each Whelen approved batteries. Check Whelen's web site, www.whelen.com for other recommended batteries
- Pole Top Bracket

SIREN ACTIVATION CONTROLS

Our VHF High and UHF siren activation control packages include the following:

- Radio
- Radio interface
- Tone squelch
- 2-3dB gain omni-directional antenna with bracket
- 35' of RG58 antenna cable
- Polyphaser
- SI TEST
- Low battery alarm (two-way only)

Other features are dependant upon one or two-way controls. Whelen equipment can be interfaced with many different types of two-way radio communications products and systems. The following is offered as standard options. Contact the factory for special applications.

The following are available as standard options. **BOLD BLUE** indicates the Whelen Model:

ONE-WAY CONTROLS

- HAUXIN Auxiliary board for contact closure activation
- HD2030LL 10 digit DTMF landline activation
- HD230NV 10 digit DTMF VHF high band narrow band / 150-170 Mhz
- HD230NU 10 digit DTMF UHF narrow band / 450-470 Mhz
- HORTT Two-tone sequential option

TWO WAY CONTROLS

- HAUXCS Two-way contact closure activation and status board
- **HC2030LL** Two-way landline activation
- HC230NV 10 digit DTMF VHF high band narrow band / 150-170 Mhz
- HC230NU 10 digit DTMF UHF narrow band / 450-470 Mhz

OPTIONS

- HFSKXMOD Converts the siren activation controls to FSK format
- HSTATUS Cabinet window LED status indicator
- HPGINT Paging interface to interface Whelen tones with existing paging systems
- HINTRU Intrusion alarm (available with two-way only)



TYPE I Electronic Cabinet with optional Batteries (BSETHOR)

HORNETTM



Specifications

Component	Height Inches (CM)	Width Inches (CM)	Depth Inches (CM)	Weight Lbs. (kg)
HORNET Speaker & Rotor	41.0 (104.2)	30.5 (77.5)	23.0 (58.4)	100 (45.4)
Electronics Cabinet Type I	32.5 (82.6)	22.5 (57.2)	10.5 (26.7	67 (30.5)*
Pole Top Bracket (Optional)	See Drawing			71 (32.3)

^{*} Less batteries. Two batteries, Delco DC74, add 90 Lbs. (40.9kg)

Electrical

- Battery Charger Input: 120VAC, 60Hz, 7A Fuse
- Battery Charger Output: 28VDC, 5A #
- Batteries: 2-12V, 60AH Lead Calcium (user supplied)
- Standby Current: 40mA,
- Operating Current: 22A, 24VDC
- Power Amplifier Output Power: 400 watts
 - # U.L. recognized component

Environmental

Operating temperature: -35C to +60C ■ Storage temperature: -65C to +125C ■ Humidity, non condensing: 0 to 95%

Ordering Information

BASIC SYSTEM INCLUDES ALL OF THE FOLLOWING

■ HORNET - Speaker assembly & electronics cabinet

- HAUXIN (one-way) / HAUXCS (two-way) Auxiliary boards for contact closure activation
- HD2030LL / HD230NV / HD230NU One-way radio controls
- HC2030LL, HC230NV/ HC230NU Two-way radio controls
- **HORTT** Two-tone sequential
- HFSKXMOD FSK format
- HSTATUS Cabinet window LED status indicator
- HPGINT Paging interface to interface Whelen tones with existing paging systems
- HINTRU Intrusion alarm
- HSBC80 Solar power •
- HPTB Speaker pole top bracket
- **BSETHOR** One pair of batteries

NOTES

• Solar power option includes 2 - 80 watt panels, mounting bracket and regulator

Hornet Acoustic Performance

Wattage: 400 watts

Estimated Range: 2400 ft / 730 m

MASS NOTIFICATION PRODUCTS

Whelen Engineering Company, Inc.

51 Winthrop Road Chester, Connecticut 06412-0684 860-526-9504 800-637-4736 Fax: 860-526-4784 www.whelen.com iowsales@whelen.com

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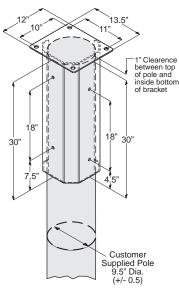








"Our Mass Notification Products Speak for Themselves"™



Optional Model HPTB Pole Top Bracket Mount Dimensions