

# Tempest™ T-112

## Features

- ▶ **Omni directional siren with 360° sound coverage pattern.**
- ▶ **Rated 112 dB at 100 ft.—effective range up to 1/2 sq. mile to 68 dB.**
- ▶ **Standard—3 different tone signals, local test, and cancel.**
- ▶ **System can be configured for AC operation, DC operation, or True UPS backup.**
- ▶ **UL Listed.**
- ▶ **Factory sealed motor bearings eliminates greasing and maintenance.**
- ▶ **48 VDC Motor Design provides unmatched reliability for years of foolproof operation.**
- ▶ **Stainless steel hardware.**
- ▶ **Certified no maintenance warranty on siren unit.**
- ▶ **5 Year Parts Warranty.**
- ▶ **Motor control, radio decoder, and electrical disconnect can be prewired and assembled to one mounting channel for ease of installation.**
- ▶ **Screened air intake and output.**



**T**he latest in innovative emergency notification products from **ASC**. With 60 years of experience in the warning system industry, **ASC** has produced the **Tempest™** to be the most Reliable and Functionally Dependable Siren System on the market.

Available in low-cost AC operation, DC battery pack operation, and True UPS design with AC Power as the main supply source and DC battery backup in the event of power failure.

**Tempest™** is the only AC/DC siren that has the ability to test the battery package on a weekly or monthly siren test as a UPS-type of system. Other manufacturers provide DC operation only with trickle charging for battery packages or AC/DC conversion where the batteries are exercised only when AC power fails. Many times that is too late to find out that the batteries are not ready for operation.

**ASC** can also provide all electrical control components such as the Siren Control, Radio Decoder (optional), and Service Disconnect to one mounting channel which is pre-wired at the factory. This mounting configuration reduces field installation mistakes and installation time and cost.

**We challenge you to compare our sirens & control systems with any manufacturer's!**



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# Tempest™ T-112

The **Tempest™** series of Emergency Alerting products are used for the notification of the public or employees during severe weather situations, hazardous material incidents, wild fires, and other disaster scenarios.

In conjunction with the FCC, FEMA, and the National Weather Service's Emergency Alerting System to notify people indoors, the **Tempest™ Siren Series** is used to notify people outdoors of impending danger.

## Siren Design Characteristics

The **Tempest™ T-112** is designed to be maintenance free. Many composite components are used to reduce or eliminate the damaging effects of harsh environmental conditions. All **ASC** sirens and High Powered Siren Systems are constructed using stainless steel hardware.

The **Tempest™ Series** of Sirens utilizes a 48 VDC DC motor, with factory-sealed bearings which increase reliability and efficiency.

Pricing and specifications are subject to change without notice. Decibel ratings meet ANSI-S-12.14-1992 and ISO 3746 specifications, and were produced under ideal weather test conditions. Actual decibel output may vary depending on site-specific variables, including weather. Systems should be designed accordingly.



## SYSTEM SPECIFICATIONS

Acoustical Characteristics	Rating
Tempest-121	112dB @ 100 ft.
Electrical	
AC Power Voltage	120/240 V DC 50/60Hz
Operational Voltage	48 V DC
Battery Charge Current	4 Amps. (max.)
Duty Cycle	15 Minutes
Battery Backup Cycle	21 Days (standby)
Environmental	
Operating Temperature	-40°C to 60°C
Wind Speed	150 Mph
Size and Weight (per level)	
Height x Diameter	36" X 23"
Siren Weight	175 lbs.
Control Cabinet (std)	210 lbs.

## SIGNAL FORMAT

**ALERT**



**ATTACK**



**FIRE**

