



## Siren Speaker

These specially designed, weatherproof, electronic siren speakers are recognized as the quality and performance standard for mobile emergency audible warning systems. When coupled with a ZhenYu siren or electronic air horn, they provide dependable, clear, penetrating voice and tone signals that quickly gain attention. The ZhenYu siren speaker line offers a wide range of models for all vehicle applications.

Magnetic circuit system using high quality neodymium magnet with good performance. It improves the conversion efficiency and sound pressure level. It has strong output, penetrating power, and far transmitting range. It's waterproof and dustproof. Use in public alarm system as terminal amplifying.

### **Parameters of Siren Speaker YHD-100**

Rated Power: 100W Rms.

Impedance: 8 or 16 Ohm

S.P.L.(1W/M): 110 dB

Frequency Response: 150-5000Hz

Horn Material: Aluminum or ABS

### Signaling Limitations:

The siren speakers provide an essential function of an effective audio-visual warning system. However, sirens are only short range secondary devices. The use of a siren speaker does not insure that all drivers can or will abide by or react to an emergency warning signal, especially at high rates of speeds or long distances. The operator of the vehicle must never take the right of way for granted and it is the operator's responsibility to

proceed safely.

The effectiveness of the siren speaker is highly dependant on the correct mounting and wiring. The installer must read and follow manufacturer's installation instructions and warnings in the manual. The vehicle operator should verify the siren speaker is securely fastened to the vehicle and properly functioning.

Maximum sound output will be severely reduced if any objects are in front of the speaker. If your installation has obstructions in front of the speaker, drive even more cautiously.

**Sound Hazards:**

Effective siren speakers generate loud sound pressure levels (120db) that can potentially cause permanent hearing damage. Installers and those around the vehicle need to be aware of the dangers and wear hearing protection whenever the siren speaker is operating. Vehicle operators and occupants should asses their exposure to siren noise and determine what steps need to be taken to prevent hearing damage.

ZhenYu electric is a professional manufacturer and producer of Siren speaker in China. We have accumulated a wide range of clients and experience over the 15 years of our business. Our Siren speakers have already been exported to Europe, South America, Middle East, Southeast Asia, and Africa. We have clients in Mexico, Thailand, Russia, Algeria, Philippines, Kazakhstan, Iran, Saudi Arabia, Nigeria, Singapore, Indonesia, Malaysia, The United Arab Emirates, South Africa, Australia, Brazil, and Sudan. High quality products and reasonable pricing is the pillar for us to gain the clients' recognition continually. At the same time, we keep researching and developing siren speakers more adaptable to the market demands to gain the recognition of more clients. We can also manufacture the products according to the clients' needs.

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