# Motor Siren



## Product Overview

DKKI Motor Siren is a compact, high-performance alert system engineered for the demanding conditions of molten metal factory floors. Operating on 230V AC, it delivers a powerful 110 dB pulsating signal using a robust wind-screw metal motor. Its red, rust-proof housing ensures long-term durability against heat, dust, and corrosion. Designed for rapid activation and precise sound projection, the siren clearly signals the end of temperature measurements, even in extremely noisy environments. With vertical angle adjustability and IP54 protection, the DKK Siren is a reliable, industrial-grade solution for safety-critical operations.

## Key Features

- 110 dB output ensures clear alerts in loud environments
- Rust-proof red housing resists corrosion and harsh conditions
- Activates in under 0.5 seconds for rapid response
- 180° vertical adjustment enables precise sound direction
- Compatible with standard 230V AC electrical systems
- Wind-screw motor delivers consistent acoustic performance
- IP54 rating protects against dust and water splashes
- Compact design fits easily into tight industrial spaces
- Pulsating buzzer pattern enhances signal recognition
- Low maintenance with durable mechanical construction

## Why DKKI

- Proven success for over three decades
- ISO 9001:2015 certified quality
- In-house testing under real operating conditions
- Free expert support and comprehensive training
- On-site consulting and troubleshooting
- Fast order processing with flexible logistics
- Standard products, customizable options
- Transparent partnerships that build trust
- Proactive customer engagement

## Application Areas

- Molten metal factories requiring loud, reliable alert systems
- Industrial plants with high ambient noise levels
- Foundries signaling temperature measurement completion
- Manufacturing zones needing durable safety sirens
- Hazardous workspaces demanding fast, clear audio alerts

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## Technical Specifications

| Parameter | Description |
|---|---|
| Operating Voltage | 230 V AC power input for standard systems |
| Power Consumption | Approximately 40 watts during operation |
| Dielectric Strength | 500V AC  50/60 Hz for one minute |
| Sound Output | 110 dB measured at one meter distance |
| Propagation Distance | Up to 150 meters in open environments |
| Sound Pattern | Pulsating buzzer for high recognition |
| Motor Type | Wind-screw metal motor construction |
| Motor Speed | Operates at 1000 revolutions per minute |
| Housing Material | Red-coated metal with anti-rust finish |
| Protection Rating | IP54 splash and dust resistance rating |

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