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Walfront WALFRONT8btv9q7ek6-12

Walfront 180dB Industrial Siren Alarm with LED Stroboscopic Light (US Plug 110V) - Instruction Manual

Model: WALFRONT8btv9q7ek6-12

Brand: Walfront

1. INTRODUCTION

1.1 Product Overview

This manual provides instructions for the Walfront 180dB Industrial Siren Alarm with LED Stroboscopic Light. This device is designed for industrial safety and warning applications, featuring a high-decibel siren and a bright LED strobe light. It is rated IP65 for dust and water resistance, making it suitable for various demanding environments.

1.2 Intended Use

The industrial siren alarm is applicable in environments such as mines, stone yards, sand yards, forest yards, port machinery, mechanical and electrical industries, large and medium-sized driving vehicles, ships, wharfs, belt conveying equipment, large and medium-sized cranes, construction sites, railway crossings, workshops, banks, campuses, factories, shopping malls, and security posts.

1.3 Package Contents

- 1 x Industrial Siren Alarm

2. SAFETY INFORMATION

2.1 Important Safety Instructions

- Read all instructions thoroughly before installation and operation.
- Ensure power is disconnected from the device before performing any installation, maintenance, or troubleshooting.
- Installation should be performed by qualified personnel in accordance with local electrical codes and regulations.
- Do not expose the device to extreme temperatures outside its specified operating range of -30°C to 70°C.
- The siren produces a very loud sound (up to 180dB). Prolonged exposure to high sound levels can cause

hearing damage. Use appropriate hearing protection when testing or operating in close proximity.

- The device is rated IP65, providing protection against dust ingress and low-pressure water jets. It is not designed for submersion in water.
- Use only the specified power supply (US Plug 110V for this model). Using an incorrect power supply may damage the device or pose a safety risk.
- Keep children and unauthorized personnel away from the device during operation.

3. SETUP

3.1 Installation

The Walfront Industrial Siren Alarm is designed for wall mounting. Follow these steps for proper installation:

1. **Choose a Location:** Select a suitable wall location that provides clear sound and light transmission, free from obstructions. Ensure the mounting surface is strong enough to support the device's weight (approximately 2.97 kg).
2. **Mark Mounting Points:** Use the device's mounting holes as a template to accurately mark the drilling points on the wall.
3. **Drill Holes:** Drill appropriate holes for mounting screws (screws and anchors are not included and must be sourced separately based on wall material).
4. **Secure the Device:** Attach the siren alarm securely to the wall using suitable screws and anchors. Ensure it is firmly fixed to prevent accidental dislodgement.
5. **Power Connection:** Connect the US Plug 110V power cord to a compatible power outlet. Ensure the power source matches the device's voltage requirements.



Figure 3.1: Front-side view of the Walfront Industrial Siren Alarm with power cord.



Figure 3.2: Top-down view highlighting the mounting brackets.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Once properly installed and connected to a power source, the device is ready for operation. The siren alarm typically activates upon receiving a signal from a connected system or through its internal controls, if applicable. There is no explicit on/off switch on the unit itself, implying activation is controlled externally or by its internal logic.

4.2 Adjusting Volume and Tone

The industrial siren alarm features controls for adjusting the sound volume and selecting from various alarm tones.

1. **Volume Adjustment:** Locate the knob or button on the side of the unit designated for volume control. Rotate or press to adjust the sound level, which is adjustable from 0 to 180dB.
2. **Tone Selection:** The device offers 6 optional alarm tones. Use the tone selection control (typically a knob or switch near the volume control) to cycle through and select the desired alarm tone.
3. **Custom Voice (USB Port):** A USB port is available for advanced users to set up custom voice messages. Connect a USB device to this port to upload or configure personalized audio. Refer to the device's internal

software interface or specific instructions for detailed guidance on custom voice setup.



WATERPROOF ALARM:
Industrial sound light alarm
has novel appearance,
easy to install, waterproof
and frost proof

Figure 4.1: Side view of the siren alarm, illustrating the control knobs and USB port.

5. MAINTENANCE

5.1 Cleaning

Regularly clean the exterior of the siren alarm with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the device's finish or internal components.

5.2 Inspection

Periodically inspect the device for any signs of physical damage, such as cracks or corrosion. Check for loose connections in the wiring and ensure that the mounting hardware remains secure. Verify that the LED strobe light is clear of obstructions.

5.3 Fuse Replacement

The device includes a fuse for electrical protection. If the device fails to power on or operate, check the fuse. To replace the fuse:

1. **Disconnect Power:** Ensure the device is completely disconnected from the power source.
2. **Locate Fuse Holder:** Identify the fuse holder on the unit (refer to Figure 5.1).
3. **Remove Old Fuse:** Carefully remove the old fuse from its holder.
4. **Insert New Fuse:** Insert a new fuse of the correct rating. Using a fuse with an incorrect rating can lead to damage or fire.
5. **Reconnect Power:** Reconnect the power and test the device.



Figure 5.1: Close-up view of the fuse holder and control knobs.

6. TROUBLESHOOTING

6.1 Common Issues and Solutions

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Device does not power on	No power supply	Check power connection and ensure the outlet is functional.
Device does not power on	Blown fuse	Replace the fuse with one of the correct rating (refer to Section 5.3).
No sound or light when activated	Incorrect settings	Verify volume and tone settings are correctly configured (refer to Section 4.2).
Sound is too low or inaudible	Volume set too low	Adjust the volume control to a higher setting (refer to Section 4.2).
Strobe light not flashing	LED malfunction or connection issue	Ensure all connections are secure. If the LED is still not functioning, contact customer support.

6.2 Contact Support

If issues persist after attempting the troubleshooting steps, please contact Walfront customer support for further assistance.

7. SPECIFICATIONS

7.1 Technical Data

- **Model:** WALFRONT8btv9q7ek6-12
- **Brand:** Walfront
- **Power Frequency:** 50-60Hz
- **Working Current:** 6.7A
- **Power Supply:** 80W
- **Operating Temperature:** -30°C to 70°C
- **Volume:** 0-180dB (Adjustable)
- **Maximum Sound Power:** 60W
- **Volume Adjustment:** 6 Tones optional, adjustable sound volume, USB port for custom voice.
- **Protection Level:** IP65 (Dust and water resistant)
- **Installation Mode:** Wall mounting
- **Working Mode:** LED stroboscopic light
- **Voltage:** 110 Volts (US Plug)
- **Item Weight:** 2.97 kg
- **Parcel Dimensions:** 44.2 x 27.8 x 23.4 cm
- **Country of Origin:** China
- **ASIN:** B0CM1FC83X

8. WARRANTY AND SUPPORT

8.1 Warranty Information

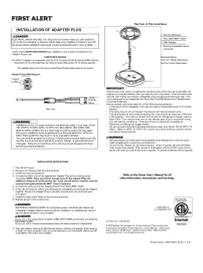
For details regarding product warranty and return policies, please refer to the terms provided by your retailer or point

of purchase. The product typically includes a return period of 31 days from the date of purchase.

8.2 Customer Support

For further assistance, technical support, or inquiries, please visit the [Walfront Store on Amazon](#) or contact your original point of purchase.

Related Documents - WALFRONT8btv9q7ek6-12

 <p>The cover of the Titan Alarm Codes Troubleshooting Guide features a white background with black text. It lists several alarm codes: Alarm 1 (No power to the machine), Alarm 2 (The machine is not in the correct position), Alarm 3 (The machine is not in the correct position), Alarm 4 (The machine is not in the correct position), Alarm 5 (The machine is not in the correct position), Alarm 6 (The machine is not in the correct position), Alarm 7 (The machine is not in the correct position), and Alarm 8 (The machine is not in the correct position).</p>	<p>Titan Ball Machine Alarm Codes Troubleshooting Guide</p> <p>A comprehensive guide to understanding and resolving alarm codes on Titan ball machines, providing step-by-step instructions for common error scenarios.</p>
 <p>The cover of the Victron Energy Blue Power & Blue Smart IP65 Charger User Manual features a blue and white design. It includes the Victron Energy logo and a list of product models: Blue Smart IP65 Charger (12.4, 12.7, 12.10, 12.15), Blue Power IP65 Charger (24.0, 24.5).</p>	<p>Victron Energy Blue Power & Blue Smart IP65 Charger User Manual</p> <p>Comprehensive user manual for Victron Energy Blue Power and Blue Smart IP65 Chargers, detailing safety instructions, quick start guide, features, charging algorithms, technical specifications, and warranty information.</p>
 <p>The cover of the First Alert ADN-12 Adapter Plug Installation Guide features a white background with black text and a diagram of the adapter plug. It includes the text 'FIRST ALERT' and 'Warning: Always use the correct plug'.</p>	<p>First Alert ADN-12 Adapter Plug Installation Guide</p> <p>Step-by-step installation instructions for the First Alert ADN-12 adapter plug, ensuring proper connection of First Alert and BRK AC hardwired smoke alarms to compatible Nest Protect systems.</p>
 <p>The cover of the Premier Hazard Sonic 9004 Remote Mount Siren Amplifier Installation Instructions features a blue and white design. It includes the text 'PREMIER HAZARD', 'Sonic 9004 Remote Mount Siren Amplifier', and 'Installation Instructions'.</p>	<p>Premier Hazard Sonic 9004 Remote Mount Siren Amplifier Installation Instructions</p> <p>Comprehensive installation guide for the Premier Hazard Sonic 9004 Remote Mount Siren Amplifier, detailing features, electrical specifications, wiring diagrams, troubleshooting, and available accessories for emergency service and utility warning systems.</p>
 <p>The cover of the Victron Energy Blue Smart IP65 Charger 6V/12V - 1.1A User Manual features a blue and white design. It includes the Victron Energy logo and the text 'Blue Smart IP65 Charger'.</p>	<p>Victron Energy Blue Smart IP65 Charger 6V/12V - 1.1A User Manual</p> <p>This user manual provides detailed information on the Victron Energy Blue Smart IP65 Charger, covering its features, operation, setup, monitoring, advanced configuration, technical specifications, and warranty. It guides users through installation, charging modes, Bluetooth connectivity, and troubleshooting for optimal battery management.</p>

CITY OF FORT WORTH
ORDINANCES
Chapter 12

Section 12-1.01. Purpose and Intent. The purpose of this chapter is to regulate the installation, use, and maintenance of alarm systems in the City of Fort Worth, Texas, to ensure public safety and efficient emergency response.

Section 12-1.02. Definitions. The following definitions apply to this chapter:

- (a) "Alarm system" means any system designed to detect, transmit, and receive signals for the purpose of alerting law enforcement or fire departments.
- (b) "Alarm company" means any person or entity that provides alarm services to customers.
- (c) "False alarm" means any alarm that is transmitted to law enforcement or fire departments that is not intended to be taken as a genuine emergency.
- (d) "Permit" means a written authorization issued by the City of Fort Worth to install or maintain an alarm system.
- (e) "Residential alarm system" means an alarm system installed in a residential dwelling.
- (f) "Commercial alarm system" means an alarm system installed in a commercial or industrial building.
- (g) "Public safety agency" means any law enforcement or fire department.
- (h) "Installation" means the process of setting up an alarm system.
- (i) "Maintenance" means the process of inspecting, testing, and repairing an alarm system.
- (j) "Testing" means the process of verifying the proper operation of an alarm system.
- (k) "Inspection" means the process of checking an alarm system for compliance with this chapter.
- (l) "Compliance" means adherence to the requirements of this chapter.
- (m) "Violation" means a failure to comply with the requirements of this chapter.
- (n) "Penalty" means a fine or other sanction imposed for a violation.
- (o) "Enforcement" means the process of ensuring compliance with this chapter.
- (p) "City" means the City of Fort Worth, Texas.
- (q) "State" means the State of Texas.
- (r) "Federal" means the United States of America.
- (s) "Person" means any individual, partnership, corporation, or other legal entity.
- (t) "Property" means any real or personal property.
- (u) "Building" means any structure used for housing, business, or industry.
- (v) "Dwelling" means a residential building.
- (w) "Business" means any commercial or industrial activity.
- (x) "Industry" means any manufacturing or service activity.
- (y) "Law enforcement" means any police or sheriff's office.
- (z) "Fire department" means any fire service agency.

Section 12-2.01. Permit Requirements. A permit is required for the installation, use, and maintenance of any alarm system in the City of Fort Worth.

Section 12-2.02. Application Process. An applicant must submit a completed application form, a site plan, and a copy of the alarm system's technical specifications to the City of Fort Worth for review.

Section 12-2.03. Fees. A fee shall be charged for the issuance of a permit, and a separate fee shall be charged for each inspection conducted by the City of Fort Worth.

Section 12-2.04. Inspection Schedule. The City of Fort Worth shall conduct inspections of alarm systems at the following intervals:

- (a) Residential alarm systems: once per year.
- (b) Commercial alarm systems: once per year.
- (c) Public safety agency alarm systems: once per year.

Section 12-2.05. Testing Requirements. Alarm systems must be tested and certified by a qualified technician at the following intervals:

- (a) Residential alarm systems: once per month.
- (b) Commercial alarm systems: once per month.
- (c) Public safety agency alarm systems: once per month.

Section 12-2.06. False Alarm Penalties. Any person who transmits a false alarm to a public safety agency shall be subject to the following penalties:

- (a) First offense: a fine of up to \$500.
- (b) Second offense: a fine of up to \$1,000.
- (c) Third offense: a fine of up to \$2,000.
- (d) Fourth offense: a fine of up to \$5,000.
- (e) Fifth offense: a fine of up to \$10,000.
- (f) Subsequent offenses: a fine of up to \$20,000.

Section 12-2.07. Enforcement. The City of Fort Worth shall enforce this chapter through the following measures:

- (a) Issuance of citations for violations.
- (b) Imposition of fines.
- (c) Suspension or revocation of permits.
- (d) Referral to law enforcement for criminal prosecution.

Section 12-2.08. Severability. If any provision of this chapter is found to be invalid or unenforceable, the remaining provisions shall remain in effect.

Section 12-2.09. Short Title. This chapter may be cited as "Chapter 12, City of Fort Worth Alarm Ordinance."

Section 12-2.10. Effective Date. This chapter shall take effect on the date of its adoption by the City of Fort Worth.

[City of Fort Worth Alarm Ordinance Chapter 12: Regulations and Procedures](#)

Official ordinance from the City of Fort Worth detailing regulations, permit requirements, fees, and procedures for alarm systems, alarm companies, and false alarm notifications to ensure public safety and efficient emergency response.