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Honeywell WAVE-2F

Honeywell Ademco WAVE-2F Flush Mount Siren Instruction Manual

Model: WAVE-2F | Brand: Honeywell Ademco

1. PRODUCT OVERVIEW

The Honeywell Ademco WAVE-2F is a flush-mount siren designed for integration into security systems. Its compact and versatile design allows for discreet installation within a standard double-gang electrical box. The siren provides a high-decibel output to alert occupants and deter intruders, offering both steady and warble sound patterns.



Figure 1: Honeywell Ademco WAVE-2F Flush Mount Siren

2. KEY FEATURES

- **Model Name:** WAVE-2F - Honeywell Ademco
- **Design:** Hinged case design for easy installation, fits standard double-gang electrical box.
- **Wiring:** Easy terminal block wire connections.
- **Performance:** Sound pressure output - Steady: 106dB at 12VDC, 1 meter - Warble: 106dB at 12VDC, 1 meter.
- **Mounting:** Mounts in standard double-gang electrical box, compact and versatile for various mounting options.

3. INSTALLATION

The WAVE-2F siren is designed for straightforward installation. It is intended to be flush-mounted within a standard double-gang electrical box.

3.1 Mounting

1. Ensure power to the installation area is disconnected at the circuit breaker.
2. Prepare a standard double-gang electrical box in the desired location.
3. The siren features a hinged case design. Open the case to access the mounting holes and terminal block.
4. Secure the siren's backplate to the electrical box using appropriate screws.

3.2 Wiring

1. Connect the power supply wires (12VDC) to the easy terminal block connections inside the siren's case. Refer to your security system's wiring diagram for specific connections.
2. Ensure all connections are secure and properly insulated.
3. Close the hinged case of the siren.
4. Restore power to the installation area.

4. OPERATION

The WAVE-2F siren operates in conjunction with your security alarm panel. When triggered by the alarm panel, it will emit a high-decibel sound.

4.1 Sound Patterns

- **Steady Tone:** Produces a continuous 106dB sound.
- **Warble Tone:** Produces an alternating 106dB sound.

The specific sound pattern (steady or warble) is typically selected via the wiring configuration or settings on your alarm control panel. Consult your alarm panel's manual for details on configuring siren output.

5. MAINTENANCE

The WAVE-2F siren requires minimal maintenance. Regular checks can help ensure its continued reliable operation.

- **Cleaning:** Periodically wipe the siren's exterior with a soft, dry cloth to remove dust. Do not use abrasive cleaners or solvents.
- **Power Supply:** Ensure the 12VDC power supply to the siren is stable and uninterrupted.
- **Functionality Test:** Test the siren's functionality as part of your overall security system's routine testing schedule.

6. TROUBLESHOOTING

If the siren is not functioning as expected, consider the following:

- **No Sound Output:**
 - Check the 12VDC power supply connection to the siren.
 - Verify the wiring connections at the terminal block are secure.
 - Ensure the alarm panel is correctly configured to trigger the siren.
- **Incorrect Sound Pattern:**
 - Consult your alarm panel's manual for instructions on selecting steady or warble tone output.

If issues persist, contact a qualified security system technician.

7. SPECIFICATIONS

Specification	Value
Model Number	WAVE-2F
Brand	Honeywell Ademco
Current Draw	500mA max @ 12VDC
Sound Pressure Output (Steady)	106dB @ 12VDC, 1 meter
Sound Pressure Output (Warble)	106dB @ 12VDC, 1 meter
Mounting Type	Flush Mount (Standard Double-Gang Electrical Box)
Item Weight	7.2 ounces
Package Dimensions	4.7 x 4.7 x 2.4 inches
Color	White
Control Method	Remote (via alarm panel)
Voltage	12 Volts

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your complete security system or visit the official Honeywell Ademco website. Keep your purchase receipt for warranty claims.