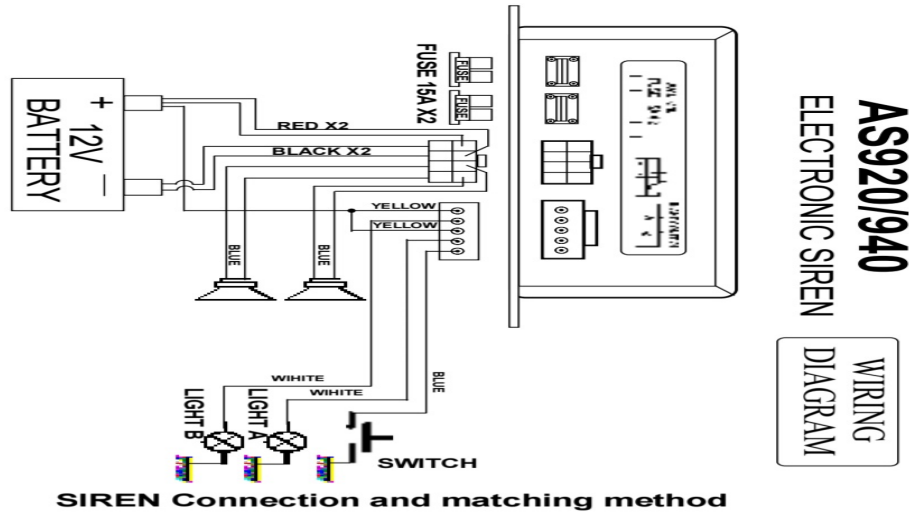


# AS920 Electronic Siren Amplifier Installation Guide

## Wiring Diagram & Installation



### SIREN Connection and matching method

#### A: 8 core plug connection method:

- 1 two green wires connected to a horn.
- 2 two blue wires to the other 2 speakers
- 3 two black line 12V battery anode, not ground.
- 4 two red line 12V positive electrode of a battery.

#### B: 5 core plug connection method

- 1 red line to connect the battery cathode, yellow line group A positive line B lights, white lights were two positive group.
- 2 lights of the battery anode cathode is connected with the ground.

- 3 wheel car horn to cut the string and horn end connected to the green line, blue line terminal is connected with the steering wheel.
- 4 wheel press alarms sound whistle, do not need this function can not take the green and blue lines.

#### C: pairing settings (paired with factory):

- 1 clear all passwords: turn on the power switch to the standby state, press the front panel in 5 seconds, the red light flashes for 4 times, clear all the original password.
- 2 pairs of code: open the host power switch into the standby state, according to the main front panel hole Press the button, the red lights off, press any buttons on the remote control, flashing red light two, the host A sound, that is, the success of the code, please turn off the use of re open.
- 3 with the data line models, you can use the data cable to connect the remote control and the host, the boot will automatically complete the pairing

Follow the wiring diagram above for correct installation of the AS920 / AS940 Electronic Siren Amplifier. Ensure all power connections are fused correctly and that polarity is strictly observed.

### Important Installation Notes:

- Red wires: 12V positive (fused).
- Black wires: Battery negative / ground.
- Yellow wires: Light control outputs (Group A / B).
- Blue wires: Speaker connections.
- Ensure siren speakers and lights are securely mounted before power-up.
- Double-check all wiring before switching on the system.

# Wireless Remote Controller Operation & Information



## 1. Product Overview

This document provides instructions for the Coxswain Wireless Remote Controller, designed for use with compatible police siren systems including models AS820, AS830, AS920, AS940, T9, and S8. The remote allows for wireless control of siren tones, horn functions, and connected LED warning lights.

## 2. Setup and Pairing

Before operating the wireless remote controller, it must be properly paired with the main siren unit:

- Ensure both the siren unit and remote controller are powered on.
- Locate the one-meter black line on the main siren unit.
- Connect the USB end of this cable to the remote controller power port.
- The system will automatically complete the pairing process.

**Important:** If the siren unit and remote were not purchased from the same vendor, compatibility and pairing cannot be guaranteed.

## 3. Operating Instructions

### 3.1 Siren Tones

Supports 10–18 siren tones depending on model:

WAIL/L, WAIL-T, YELP, WA-WA – Standard warning patterns

HI-LO – High / low frequency toggle

CO CO – Co-co tone

AUTO – Automatic tone sequence

D/S, RIO – Model-specific tone functions

### 3.2 Horn & Shout Functions

HORN: Activates horn sound.

Shout Function: Allows voice amplification through the siren speaker, typically activated by a dedicated or

press-and-hold button.

### **3.3 Power Control**

SIREN ON/OFF – Main siren power toggle

RIO ON/OFF – RIO function toggle

Additional ON/OFF buttons may control LED warning lights.

## **5. Troubleshooting**

### **Remote Not Responding / Not Pairing**

- Re-pair the remote using the setup procedure.
- Check power to both the siren unit and remote.
- Verify all wiring connections.
- Confirm compatibility with your siren model (AS820, AS830, AS920, AS940, T9, S8).