

APPLICATION:

The ELK-130 is an exceptionally loud, industrial grade siren driver utilizes an intense sweeping yelp sound. With its wide operating voltage range, loudness, and the capability of powering from one source while being triggered from another, the ELK-130 is like no other loud siren. This unique driver is ideal for security, early warning, crowd protection, and many other applications.



FEATURES:

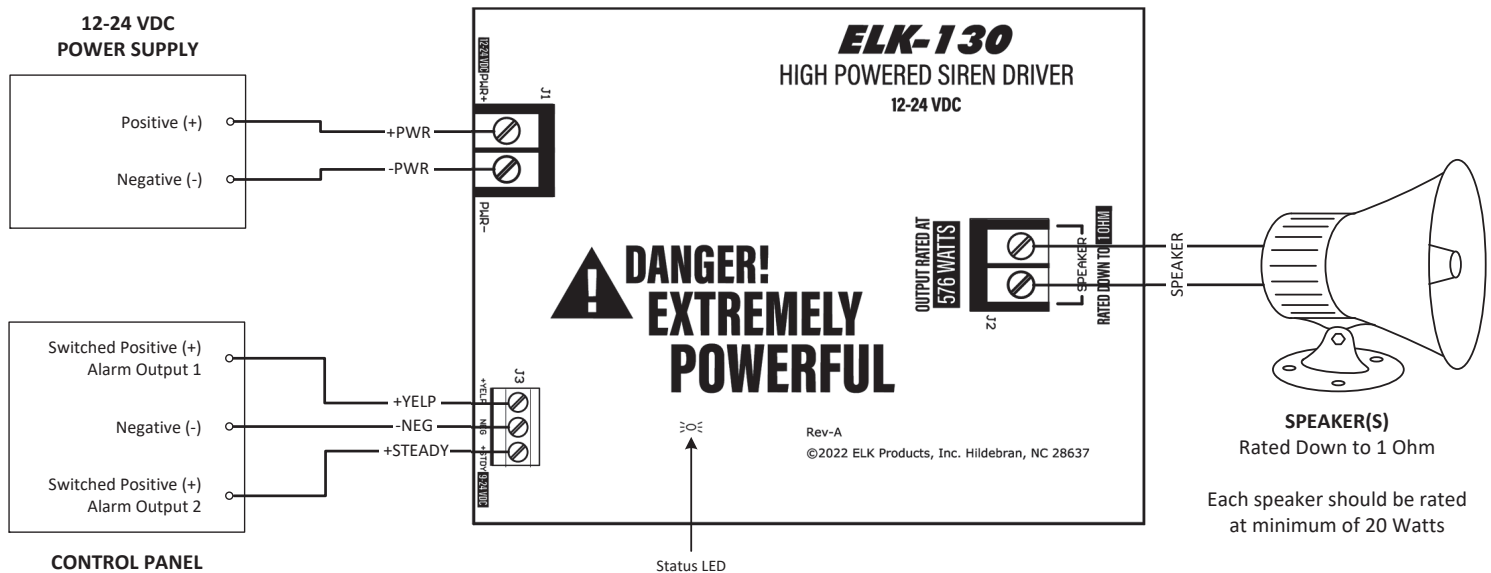
- Extremely Powerful - Over 500 Watt Output
- Intensely Loud, Attention Getting Sound
- 2 Sounds - Yelp or Steady
- Heavy duty terminals for power input and speaker output to accomodate larger wire gauges
- Includes fused, dual connection battery wires (ELK-W120) to allow connection of back-up battery to control and driver power terminals
- Lifetime Limited Warranty

SPECIFICATIONS:

- Output: 130 db @ 1 meter, 24VDC
- Trigger Voltage: 9-24 VDC
- Operating Voltage: 12-24 Volts DC
- Speaker Load: Rated down to 1 Ohm
- Size: 5.13" x 4" x 1.06"
- RoHS Compliant

Features or Specifications subject to change without notice.

HOOKUP DIAGRAM



FCC AND IC COMPLIANCE STATEMENT:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guar-

antee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- This device may not cause interference.

- This device must accept any interference, including interference that may cause undesired operation of the device

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

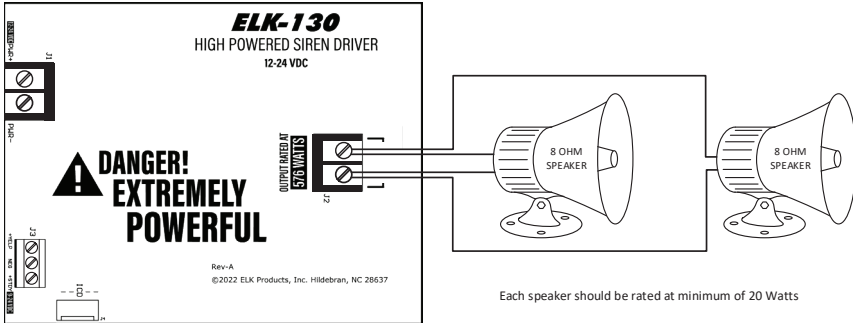
- L'appareil ne doit pas produire de brouillage;
- L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CAN ICES-3 (B)/NMB-3(B)

INSTALLATION INSTRUCTIONS

- BEFORE MAKING ANY CONNECTIONS ensure the control panel and power supply are powered down.**
- Connect the SPEAKER terminals to 1 or more alarm type speakers (see diagrams for multiple speaker hookup examples). Speaker output is rated down at 1 Ohm. The current draw of the driver varies based on the speaker load and operating voltage. **DO NOT EXCEED the output ratings of the control or power source.** The chart below shows the estimated current draw based on speaker load and operating voltage.
- Connect the Yelp and/or Steady inputs to positive (+) switched alarm outputs on the control. Then connect the NEG input to the negative of the control or power source. **OBSERVE POLARITY!**
NOTE: Should both inputs become triggered at the same time the Steady will take priority and override the Yelp.
- Connect the positive (+) of a 12-24 VDC power source to the PWR+ terminal. Connect the negative (-) of the power source to the PWR- terminal. **OBSERVE POLARITY!**

Two 8 Ohm Speakers - Parallel wired = 4 Ohm load.

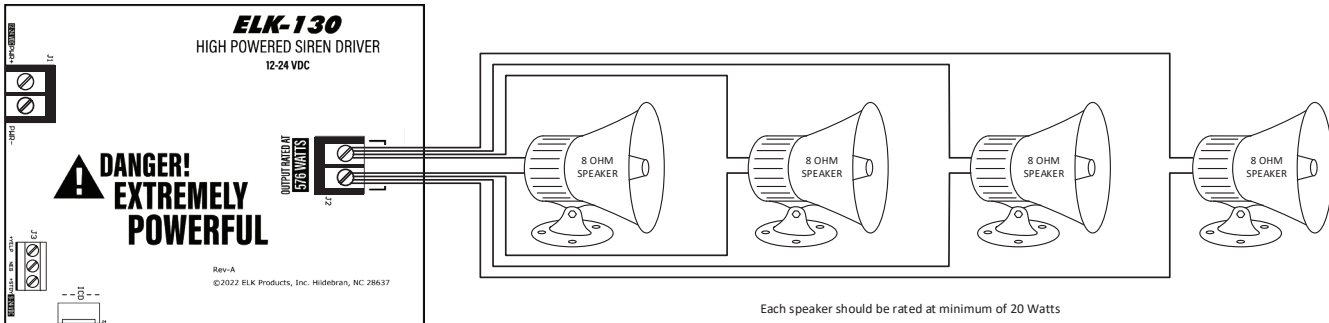


Voltage	Total Speaker Load	Current Draw	Wattage
12 VDC	8 Ohms	1.5 Amps	18
12 VDC	4 Ohms	3.0 Amps	36
12VDC	2 Ohms	6.0 Amps	72
12VDC	1 Ohm	12 Amps	144

Status LED

Slow Blink	Normal operation
Rapid Blink	Power trouble (over current, over voltage, or under voltage)

Four 8 Ohm Speakers - Parallel wired = 2 Ohm load.



Powering ELK-130 from Control Back-up Battery

