

# Powercall DX-5100 100 Watt Electronic Response Siren



Thank you for your purchase of the new Powercall DX5100 Electronic Siren. This siren is made to be hooked to ONE speaker, preferably 100 Watts and must be an 8 Ohm speaker as noted on our website.. **DO NOT HOOK THIS UNIT TO 2 SPEAKERS OR YOU WILL DAMAGE THE SIREN.** We also do not recommend 11 ohm siren drivers as our sirens are made to push 8 ohm units. Drivers are available at [www.powercallsirens.com](http://www.powercallsirens.com)

\*Brown/Brown—16 Gauge Speaker wire from the siren to the Siren Speaker. There is no polarity. We do not recommend using existing speaker wiring of a vehicle as it may be a smaller gauge which could cause future problems. Please use at least 14 or 16 Gauge Speaker Wire. Smaller speaker could put too much stress on the siren.

White (optional) - Connect to Park switch or door switch. This function is ground activated. Used typically in police vehicles, i.e., door opens after a pursuit and siren automatically shuts itself off vs. continuously going off after pursuit. If this function is not used, cut the white wire off. **(Not commonly Used)**

Yellow (optional) - This is the "Horn Ring" wire. Hook this wire to your horn (Negative Trigger) and each time you hit your horn, it will cycle through each sound.

Orange (optional) - Connect to 12V activated horn. **Not typically used.** Mostly used for vehicles with a 12V horn vs a Negative horn as shown above on the Yellow Wire.



# Powercall DX5 V.26A 100 Watt Electronic Response Siren

Blue—Route one of these to one side of the two-way radio and the other to the second side of the 2-way's output. If you get a garbled sound after installation, reverse the wires as the polarity may be off. Radio re-broadcast is usually controlled by the volume of the unit and/or the volume. Make sure your siren is wired to a strong power and ground source to avoid any road noise. If you experience road noise, try a better ground or power location. Certain vehicles may require additional noise suppressors to alleviate road whine or noise.

Black—Hook this wire to Ground. Make sure this is a solid ground. Scrap away any paint or primer to ensure a good grounding source.

Red—Connect the red wire of the siren to a 12 volt power source. Please **DO NOT** connect our siren to a fuse box source. Your 12V source must be the battery or a heavy power source capable of handling the sirens draw. The sirens current draw during operation is approximately 8 amps. The current draw of the siren when power is applied, but no functions are selected is approximately .03 amps.

This unit holds a 2 year parts and labor warranty. Contact David Fierstien for any questions at the numbers below.

## **OR QUESTIONS OR WARRANTY ISSUES**

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