

sparkfun

EL Inverter - 3v

COM-10201

★★★★☆ 1



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EL Inverter - 3v
project on
hackster.io



EL Wire Motorcycle Helmet

by Mark Easley

Description: EL inverters allow you to drive EL wires. This particular EL inverter accepts 3V input and outputs 110VAC to drive EL wire. The wires both terminated with JST PH connectors. These are designed to plug directly into our EL Escudo or EL Sequencer. You can drive EL wires with them directly, but you may need to re-terminate them.

These work well because they accept anywhere from 2.7-4.2V, so you can use them with batteries quite easily.

Note: The inverters that we are currently shipping are not labeled input/output on the body. Instead, the new units have a red/black pair (supply voltage) and a black/black pair (output voltage). New pictures are forthcoming.

Note: Some real world testing revealed that this inverter can easily drive a 3m length of EL wire. When adding a second 3m length, the two get a bit dimmer, but still close to full brightness. At 3 3m lengths, you can only tell all three wires are on if the room is dark. The inverter can light up 4 strands, but they are barely visible in normal light and very dim in the dark as well.