DC-16 "MegaWicks"

PN: 31916

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DESCRIPTION

The "MegaWicks" kit is a purpose-programmed DC-16 controller board that gives you control of up to 16 WickLED modules. Power-on sequencing of the outputs is determined by the configuration of jumpers A0 and A1. Flicker rate can be controlled with a Prop-Pot when the Baud jumper is installed.

Kit Components

- DC-16 "MegaWicks" board
- 16 WickLED modules
- 12vdc power supply
- Pop-Pot and 14" connection cable

The Prop-Pot is connected to the Serial header of the DC-16 using the Prop-2 side of the Prop-Pot.

NOTE: *The DC-16 pcb has been programmed with the MegaWicks application and no longer behaves like a standard DC-16. To restore original DC-16 functionality you must order the DC-16 programming upgrade option. See www.efx-tek.com for details.*

Power-Up Sequences

A0 = Out, A1 = Out
All outputs are instantly on and flickering.

A0 = In, A1 = Out
Outputs sequence on in linear order from OUT1 to OUT16.

A0 = Out, A1 = In
Outputs sequence on, two-at-a-time, from the middle (OUT8 and OUT9) outward (to OUT1 and OUT16).

A0 = In, A1 = In
Outputs sequence on in a ping-pong fashion; OUT1, OUT16, OUT2, OUT15, etc.

Connections

EFX-TEK recommends using wire-nuts to group WickLED common wires (white stripe) for connecting to the V+ terminal on the DC-16. For clarity, only two of the 16 WickLEDs are shown connected in the diagram below.

Note that when using the Prop-Pot to control flicker rate the Prop-2 side must be used and the Baud jumper installed on the DC-16.