

DARKBOX DMX V2: DMX EFFECTS GENERATOR



The DarkBox DMX is an ultra compact and scalable single output DMX tunable LED dimmer. The DarkBox DMX also has a variety of built-in patterns (blink, strobe, candle flicker, power surge flicker, and pulse) for special effects lighting without the need to program complex DMX signals. This device occupies 3 DMX channels, which controls brightness, speed, and mode, respectively.

The V2 features a new machined aluminum body to protect the unit in harsh environments as well as an upgraded MOSFET that allows for higher current capacity and protects against output short circuits.

FEATURES

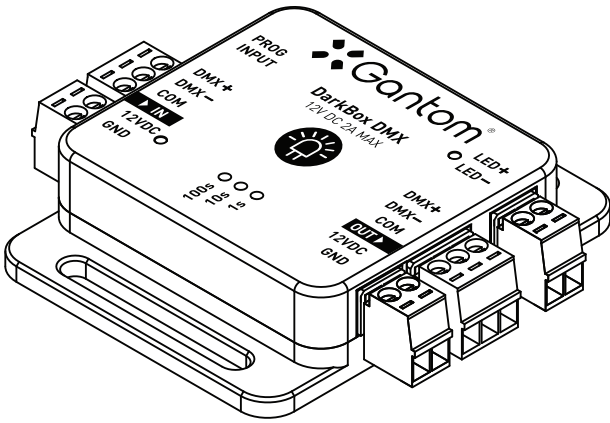
- ✓ Makes any dimmable 12VDC LED flicker, strobe, blink, surge, pulsate, or dim
- ✓ Fully tunable speed and brightness for any mode
- ✓ Standalone operation without DMX signal is possible if tuned and programmed with the DMX Programmer app
- ✓ LED indicator displays output mode even without external LEDs attached
- ✓ Non-repeating algorithm for unique and realistic flicker patterns

SPECIFICATIONS

INPUT	12VDC
OUTPUT	12 PWM output, up to 2A load
DIMMING	PWM
DIMENSIONS	71mm [2.8"] x 67mm [2.6"] x 15.5mm [0.6"]
POWER CONNECTOR	Phoenix type screw terminal
SIGNAL CONNECTOR	Phoenix type screw terminal
IP RATING	IP30

SKU NUMBER

DarkBox DMX V2 DB22



DMX CHANNEL DETAILS

Channel	Name	Level	Description
Ch 1	Brightness Level	0-255	Dim to bright
Ch 2	Speed	/	If Ch 3 is 0, Ch 2 controls blink speed If Ch 3 is not 0, Ch 2 controls speed of function
Ch 3	Built-in Functions	32-64 65-96 97-127 128-159 160-191 191-255	Fade in Fade out Pulsing Surge Strobe Flicker

