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.
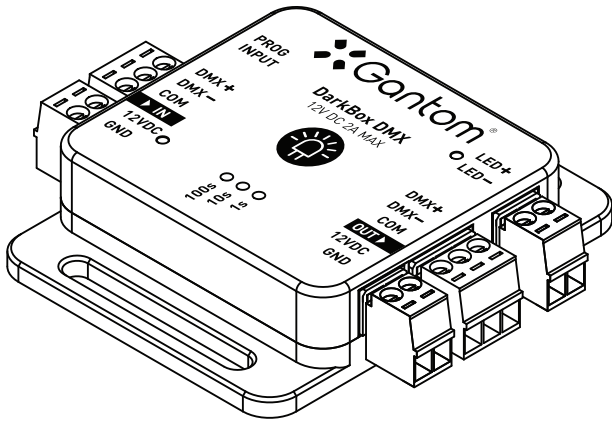
FEATURES

- ☑ 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

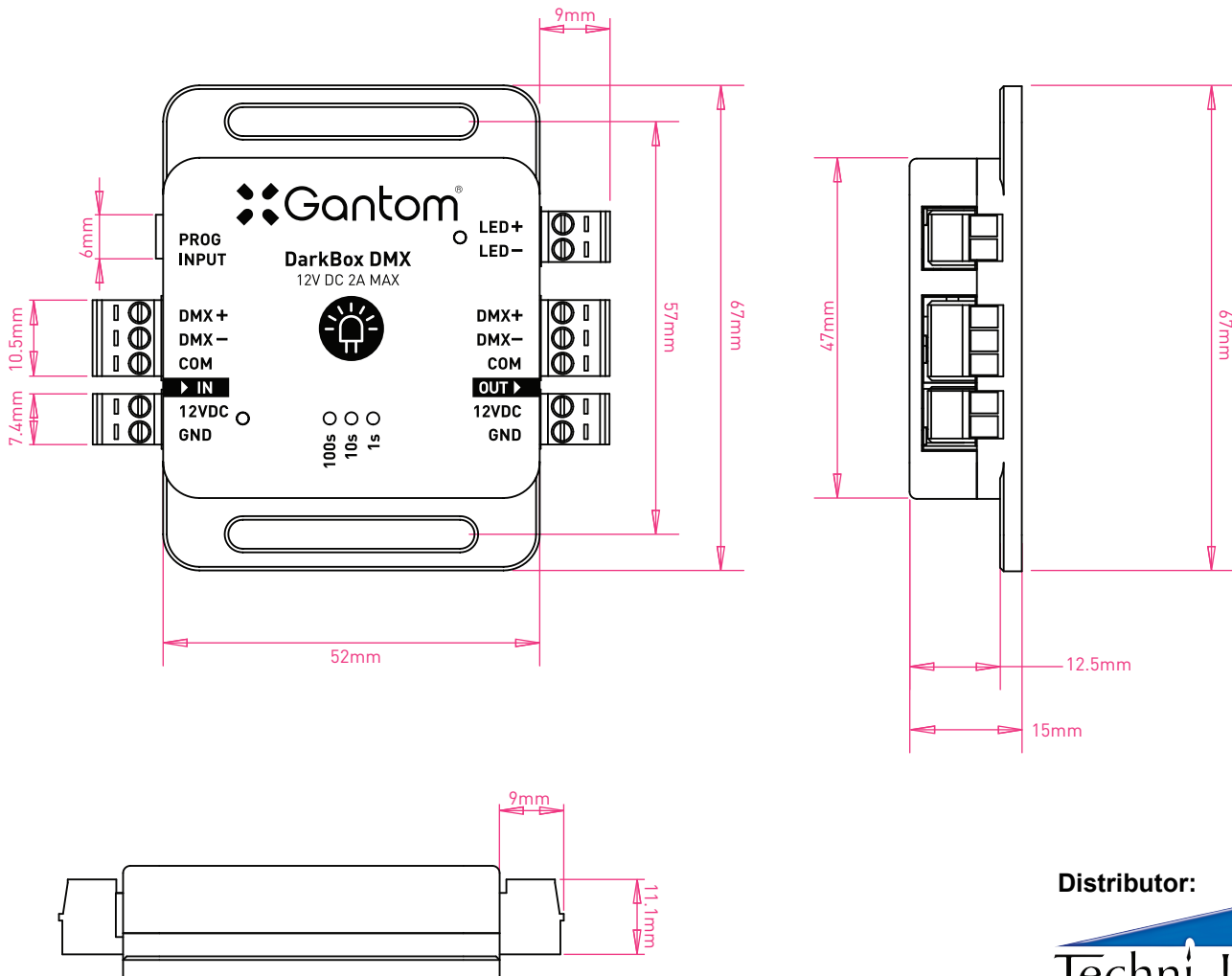| INPUT	12VDC
OUTPUT	12 PWM output, up to 2A load
DIMMING	PWM
DIMENSIONS	71mm (2.8") x 67mm (2.6") x15.5mm (0.6")
POWER CONNECTOR	Phoenix type screw terminal
SIGNAL CONNECTOR	Phoenix type screw terminal
IP RATING	IP30

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

9mm

6mm

10.5mm

7.4mm

57mm

67mm

52mm

47mm

67mm

12.5mm

15mm

9mm

11.1mm

DarkBox DMX
12V DC 2A MAX

PROG INPUT

LED+
LED−

DMX+
DMX−
COM
IN
12VDC
GND

DMX+
DMX−
COM
OUT
12VDC
GND

100s 10s 1s

Distributor:

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