



SPECIFICATION SHEET: TPSB-100

This Is An Original Product From Fulham Co., Inc

Description: This product is a tool for programming the parameters of LED drivers. Such as the Current, Voltage, DMX Address, Dimming Curve, LED Groups, Terminal Resistor, Lowest Dimming Percentage.

This Tool Box Will Operate The Following LED Drivers:

T1M1UNV105P-40E, T1M1UNV105P-40F, T1M1UNV105P-60E, T1M1UNV105P-60F.
T1A1UNV105P-40E, T1A1UNV105P-60E,

ELECTRICAL DATA

Input Characteristic		
Input Voltage	5V	MINI-USB
Input Voltage Range(%)	+.25/-.55	
Maximum Input Current(A)	200mA	
Setting Interface Supported		
0-10V	Yes	
DALI	Yes	
DMX	Yes	
Setting from PC	Yes	
Setting parameters	Current, Voltage, Address, Dimming Curve, LED Groups, Terminal Resistor, Lowest Dimming Percentage, SNID	
Reading parameters	Current, Voltage, Address, Dimming Curve, LED Groups, Lowest Dimming Percentage, Total Runtime, Driver Type, SNID	
Setting Port Characteristics		
Communication Bus Supported		
LED Driver Pogramming Comms.	Yes	
DALI	Yes	
DMX	Yes	
Communication Bus Power Output		
Max Current(A)	0.1	
Output Max Voltage(V)	13	
Communication Signal Rating		
LED Driver Pogramming/DMX		
Input High(V)	>8	
Input Low(V)	<1	
Output High(V)	>8	
Output Low(V)	<1	
DALI		
Input High(V)	>9 and <15	

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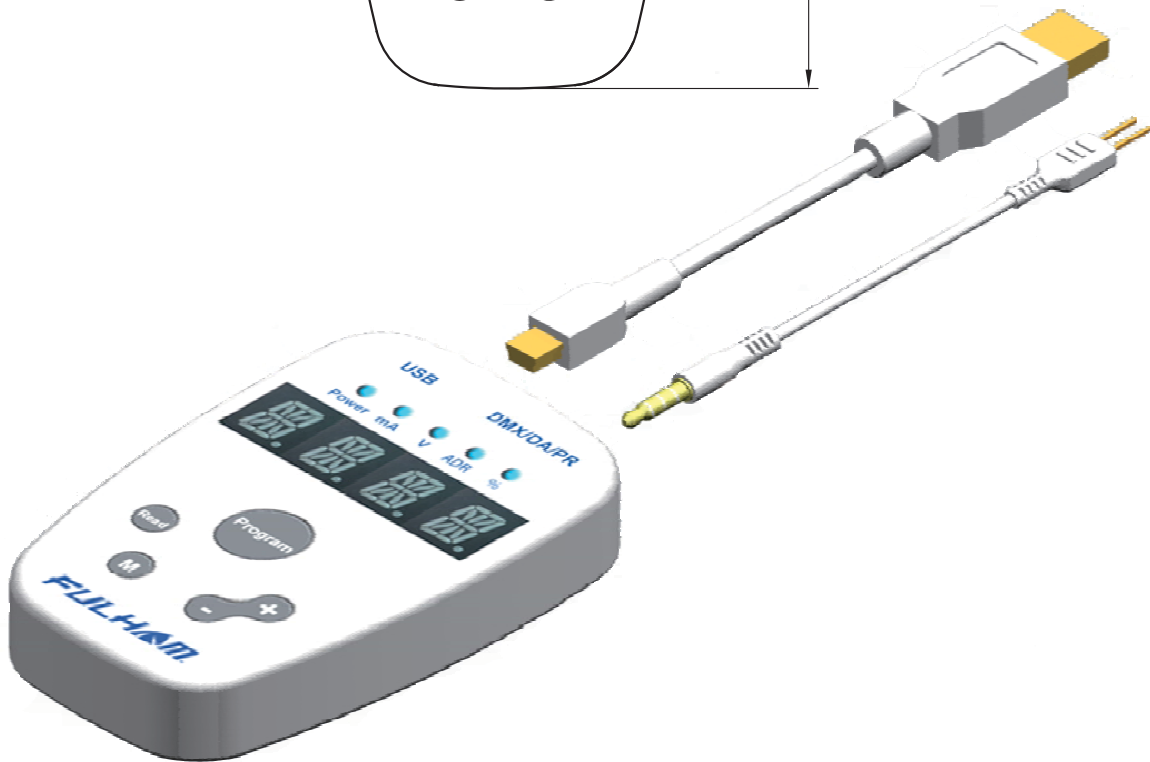
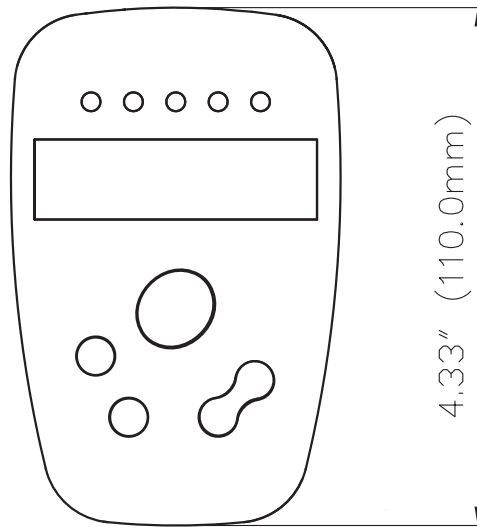
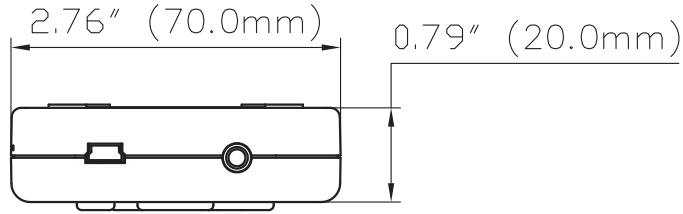
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Input Low(V)	<6 and >-6	
Output High(V)	>9	
Output Low(V)	<6	
Communication Baud Rate(bps)		
LED Driver Pogram ming/DMX	19200	
DALI	1200	
Hot Plug	Yes	
No Load Open Voltage on Port	Max Voltage	
		13V
Operator Interface		
Display		
Led Digital Display	4 digits Blue LED Display	alphanumeric
Pilot Lamp	5 Blue LEDs	power,mA,V,ADR,%
Buttons		
Small Buttons	4pcs (M,+,-,Read)	to adjust parameter value,and read parameter of the current driver
Big Buttons	1pc(Program)	to program driver
Sound		
Buzzer	Yes	for notifications
Environmental Requirements		
Max. Ambient Temperature(°c)	50	
Humidity(%)	5-95	
RoHS	Yes	
Maintainability and Reliability		
Product Life	50000Hrs	
Warranty	5	
Indicator Definition		
LED	Explanation	Exam ple
Power:	Light on means power on	
mA:	Light on means setting current	maximum output current
V:	Light on means setting voltage	maximum output voltage
ADR:	Light on means setting address	DMX Address
%:	Light on means setting min-dim percentage	minimum percentage of the dimming current
BUTTON		
Program:	Manually programing/Optional of manually and automatically programming with long 1second pressing	
Read:	Read the parameters of the current driver	
M:	Setting the parameters/save the parameters with long pressing	
+/-:	Select the parameters list/ Setting the parameters	
JACK		
USB:	+5v Power Supply/PC Communication	
DMX/DAL/PR:	connect to the dimming connectors of DMX, Dali or Driver Programming interface	

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MECHANICAL DATA



Where : L = Length, W = Width, H = Height, Tolerance=±0.02"

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