



Gamesman

GPB380 Push Button

Product Specification

Issue 02: Date 02.10.2015



Disclaimer:

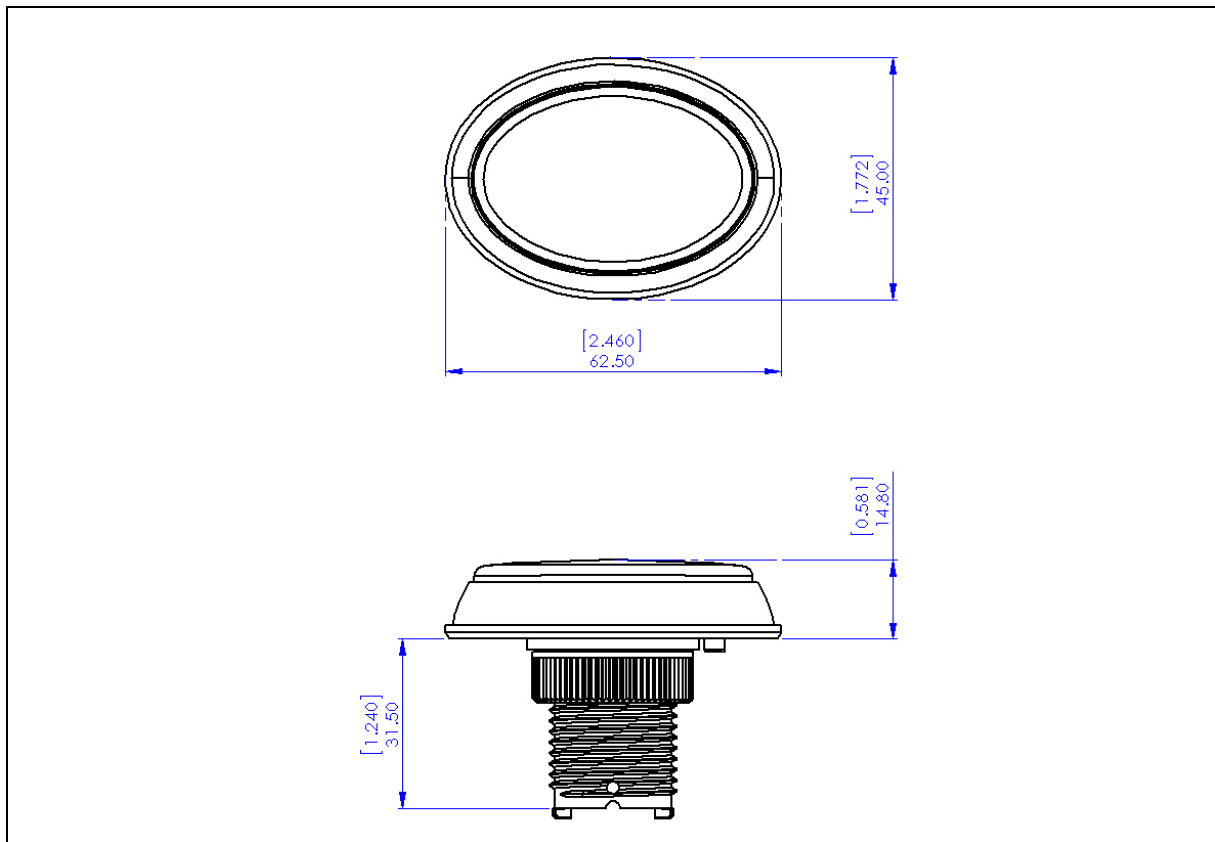
The information provided within this product specification is intended only to make the reader aware of the product's technical data and its use thereof. As such, Gamesman Ltd shall not be held liable for any loss or damage to the assembly or component within, arising from its misuse or from the unintended use of information or particulars included within, or any omission from, this document.

Design and specifications are subject to change without notice.

Failure to observe the interface requirements specified in this document may result in damage to the electronics and resultant performance characteristics of the product.

1. Product Dimensions

a) General Dimensions

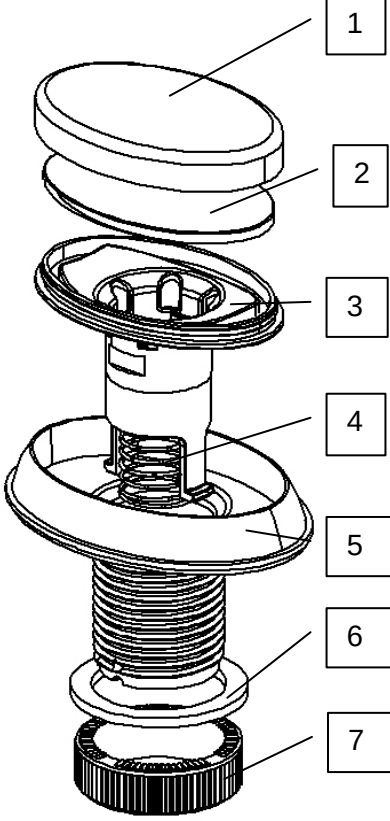


b) Insert Dimensions

c) Panel Cut out Details

Technical drawing of the insert showing dimensions: width $[1.909]$ 48.50 MAX and height $[1.220]$ 31.00 MAX.	Technical drawing of the panel cut out details showing dimensions: width $[0.748 \pm 0.002]$ 19.00 ± 0.05, hole diameter $[0.953 \pm 0.002]$ $\text{Ø}24.20 \pm 0.05$, and hole diameter $[0.157 \pm 0.004]$ $\text{Ø}4.00 \pm 0.10$.
Insert Material – Acetate sheet or similar. Insert Thickness – 0.2mm [0.008"] Minimum – 0.25mm [0.010"] Maximum	Panel thickness with standard nut: 1.50mm Minimum - 20.0mm [0.787"] Maximum Panel thickness with Long Nut : 10.00mm [0.394"] Maximum

2. Product Identification

 The diagram shows an exploded view of a push button assembly. The components are numbered as follows: 1. Lens (top), 2. Legend Plate (second from top), 3. Plunger (third from top), 4. Spring (fourth from top), 5. Dual Shot Bezel (fifth from top), 6. Washer (sixth from top), and 7. Std. Nut (bottom). The assembly is shown in a disassembled state to illustrate the individual parts.	No.	Part Number	Description	Material	UL94 Rating
	1	G3-776	Lens	Polycarbonate See Note 1.	V2
	2	G4-1121	Legend Plate	Opal Polycarbonate	V2
	3	G3-759	Plunger	Opal PC/ABS	V0
	4	G4-330	Spring	Spring Steel	N/A
	5	Various	Dual Shot Bezel	Polycarbonate See Note 1.	V2
	6	G4-163	Washer	ABS	HB
	7	G4-145 *	Std. Nut	ABS	HB

Note 1 – Component is available in various colours/colour combinations, see specification sheet for the options. Minimum Order Quantities may apply.

* See section 4 – Accessories for an alternative long nut.

3. Product Compatibility – [Specification options GPB380 Spec Sheet.xls](#)



a) Switch Systems

System S		
System JA – Standard Circuit		
System JC – NO Diode Circuit		
System RGB The below LED and Lamp Solutions do not apply to this switch system.		

b) [LED Solutions](#)



Volts	Colour
12v	White
12v	Blue
6.3v	White
3.3v	White

c) Lamp Solutions – T-3¼ - 10mm Lead Free Wedge Base Lamps

Volts	Current (mA)	Light Output (Lm)	Life (Hrs)
12v 0.1A	100	5.0	5,000
12v 2CP	200	22.6	1,000
24v 2CP	95	13	5,000

*All values are nominal

4. Accessories

For an alternative long nut for quick release, please order Gamesman Part Number G3-589. If you would prefer the long nut to be supplied with the push buttons, please specify in the comment section of the specification sheet.	
Nut Runner Tool for tightening to the recommended torque – please order Gamesman Part Number G3-499.	

5. Specification Sheet

[Specification options GPB380 Spec Sheet.xls](#)



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