

# Snapshot LCD Button

The Snapshot LCD Button unit is a new and innovative addition to the Suzo-Happ range for gaming devices, giving the game designer additional tools to enhance the content and player appeal of new gaming machine concepts.

## FEATURES:

- Integrated seal protects button LCD circuitry from liquid spills
- HALO Button - provided by single LED
- Light Ring comes in a range of colours
- Option to customize LCD decal surround (Black standard)
- 24 frames per second animation
- Full color 128 x 128 Pixels
- 128 x 128 pixels
- USB interface, controller board controls from 4 to 16 buttons.
- RoHS compliant
- Wide viewing angle

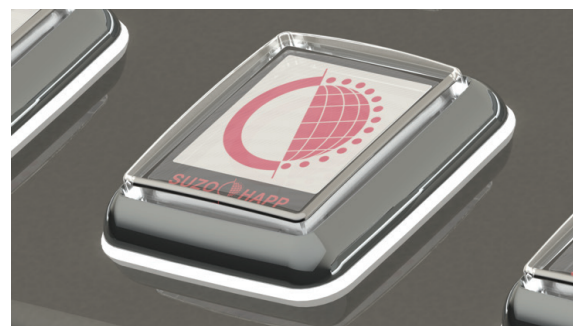
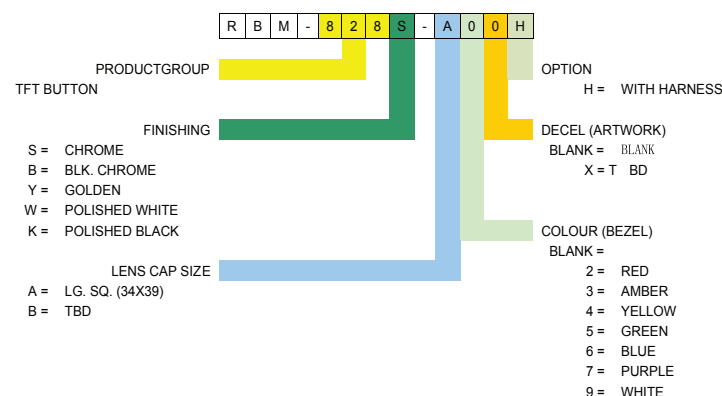
## ADVANTAGES:

- Economical alternative to OLED Buttons
- Individual Buttons allow your choice of placement
- If replacement required, you don't have to replace complete button deck, just the button
- No more printed legends
- Display text or video to enhance game play or multi-function selection

## PHYSICAL SPECIFICATIONS:

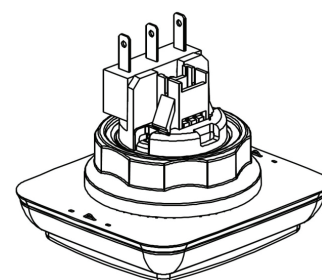
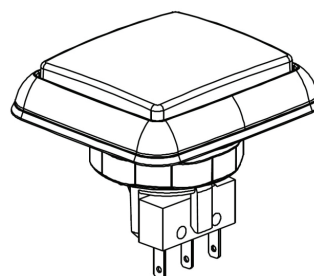
- Button Part Number Coding

### LCD PANEL BUTTON PART NUMBER CODING SYSTEM



## BUTTON MECHANICAL DIMENSIONS FOR REFERENCE ONLY:

Button Bezel Size with Light Ring:	49.5mm x 44.4mm
Lens Cap size:	38.40mm X 33.40mm
Viewing area of LCD:	27.30mm x 26.30mm
Height above panel to top of Lens Cap:	11.5mm
Height below the button panel to the bottom of switch terminals:	32mm
Panel Cut out size for each button:	22mm x 22mm



## ELECTRONIC SPECIFICATIONS:

Controller PCB:	12VDC
Controller board can drive:	1 to 16 Buttons
Recommend Power Supply for 16 button panel:	12Vdc 2A
Current Average	12VDC 0.8A
Compliance	RoHS Compliant

Part Number	Description
RBM-828S-A-XX	LCD Button Assembly Part No.
RS828-E02-01	Controller Board Part No

## MICRO SWITCH SPECIFICATIONS:

High quality DB5 Cherry switch

Electrical Ratings and Operating Life					
Switch Series	According to EN61058-1		According to UL1054		Mechanical Life
	Nominal Load	Operation cycles	Nominal Load	Operation cycles	
DB5	1A 250 V~	50,000	1A 125/250 VAC	6000 15,000	15 x 10,000,000
			1A 48VDC		

## LCD SPECIFICATIONS:

Item	Contents	Unit	Note
LCD Type	TFT	-	
Display color	262K		1
Viewing Direction	6:00	O 'Clock	
Active Area(W×H)	25.5 (H) × 26.5(V) mm	m m	
Number of Dots	128(H) X 3( RGB)×128(V ) Dots	m m	
Dot Pitch(W×H)	0.199*0.207	m m	
Controller	RM68116	-	
VDD	2.8V	V	
Outline Dimensions	29.8(W ) × 34.6 (H)×2.2(D)	m m	
Backlight	LED (white)	-	
Operating Temperature	-20 ~ +70!	-	
Storage Temperature	-30 ~ +80!	-	
Polarizer Mode	Transmissive/Negative	-	

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