



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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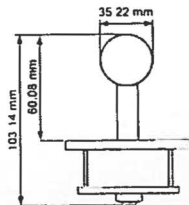
# OPERATION MANUAL

## Zippy Joystick (short actuator) (ID:6048)

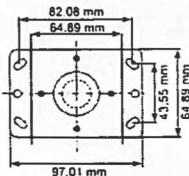
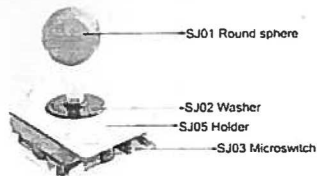


### SPECIFICATION:

- ABS plastic and solid alloy construction
- short actuator, fits wooden and metal control panels
- 2 way/4 way/8 way operations
- spring return to center
- supplied with 4 pieces microswitches reliability tested to 10,000,000 cycles
- detachable ball top: easy to change different color ball
- ball top various color available (red /pink /green /white /black)
- short actuator : 35mm



### STRUCTURE:



DIAGRAM

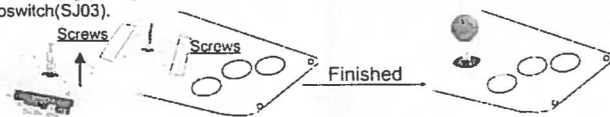
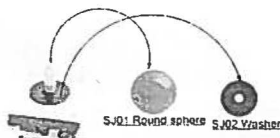
### MOVEMENT:

- fragile, handle with care, and do not crush.

### INSTALLATION:

1. Remove the round sphere(SJ01), then take out the washer(SJ02).

2. Put the holder(SJ05) to the panel and tighter the screws. Then revert the washer(SJ02), round sphere(SJ01) and use the ring (SJ06) to make them fixed. Then connect the control panel wiring with the microswitch(SJ03).



### MAINTENANCE:

- The microswitch actuator (SJ03) is curve, please make it straightly with care.



- Please read the manual careful before using this product!
- Please keep the manual well!
- The specification of this product are subject to change without notice for reason such as improving the performance