

CPA-9000TBC Series

PROFADER™

T-bar style slide control-bar

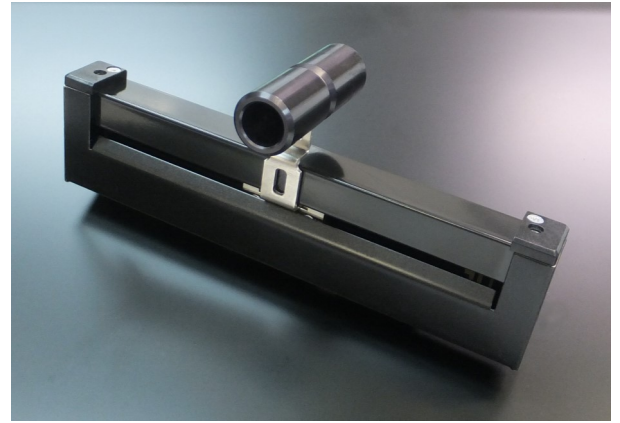
Use it for master control, etc.

Conductive Plastic

Low sliding noise level & Long sliding life

Good protection against dust

Horizontal style Control-bar design.



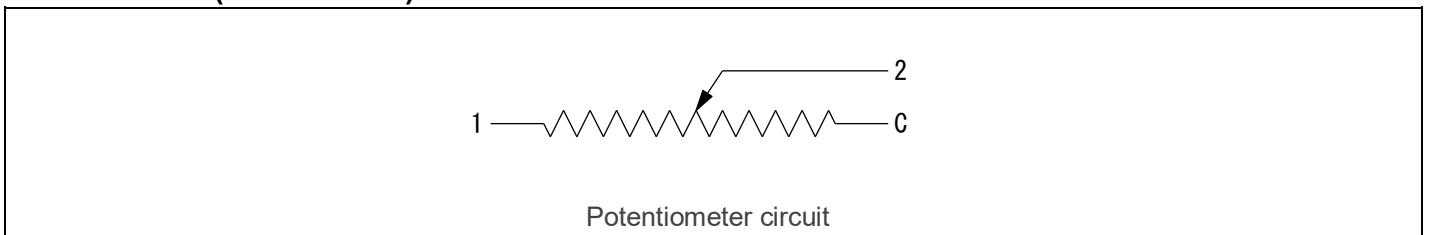
Model number

2 **CPA-9101** **TBC** **W** - **UNC** - **B** **10K**

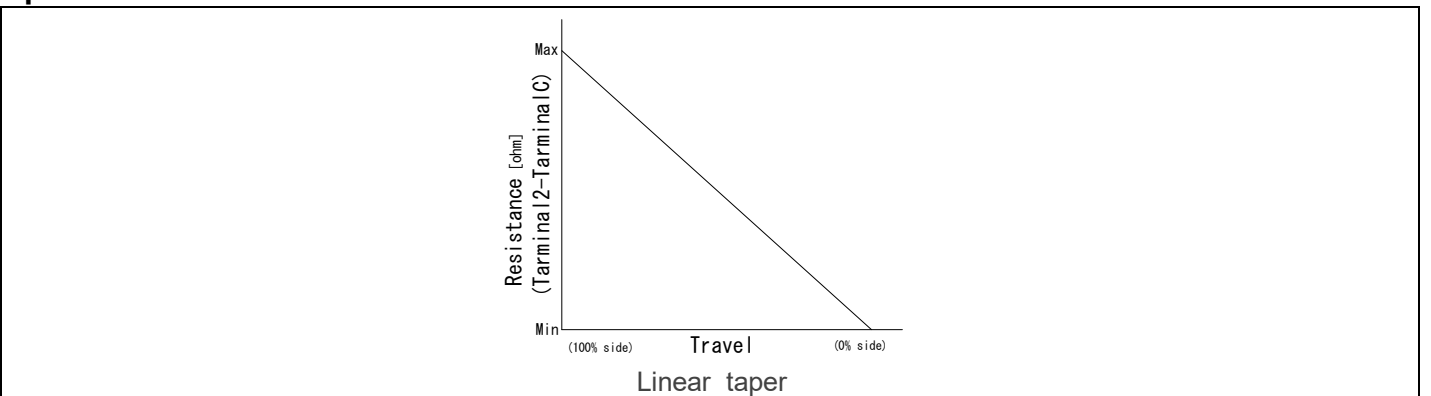
*1 *2 *3 *4 *5 *6 *7

*1	Number of circuit	Blank: Single circuit 2: Two circuits
*2	Product number and Travel	CPA-9101: 100mm
*3	Control-bar style	TBC: T-bar *** The control-bar will be removed for delivery.
*4	Precision Snap Action Switch ("Center click" is not selectable.)	Blank: Without W: With
*5	Mounting threads	Blank: M3 UNC: 4-40UNC
*6	Output law (Please see figure of output law.)	B: Linear taper
*7	Total resistance	10K: 10kohm 5K: 5kohm

Circuit method (Unbalanced)



Output Law



Electrical specifications

	CPA-9101-B	2CPA-9101-B
Number of Circuit	1	2
Circuit method	Potentiometer circuit (Linear)	
Total resistance (1-C)	5k, 10kohm	
Total resistance tolerance	±20%	
Linearity	±5%	
Residual resistance	30ohm or less	
Voltage proof	1 Min. at AC500V	
Insulation resistance	50Mohm or more at DC500V	
Max rating	DC20V (0.1W)	
Rated Resistive Load - Switch	AC125V 3A, DC30V 2A (OMRON D2F-F)	
Sliding noise level	47mV or less (by JIS C 6443)	
Sliding life	100,000 Cycles Min. (18cycles/min, Sliding noise level: Less than 100mV)	

Mechanical specifications

	CPA-9101TBC	CPA-9201TBC
Stroke length	100mm±0.5mm	104mm±0.5mm
Operating force	0.2~0.4N	
Strength of Nut-Attached	100Ncm	
Attached Parts	M3 screw / 4-40UNC screw (Length: Panel thickness +3mm)	
Stopper strength	50N	
Push-pull strength	40N	
Alignment to the center	±0.5mm (State not to pressure control-bar, Measurement position: Mounting surface)	

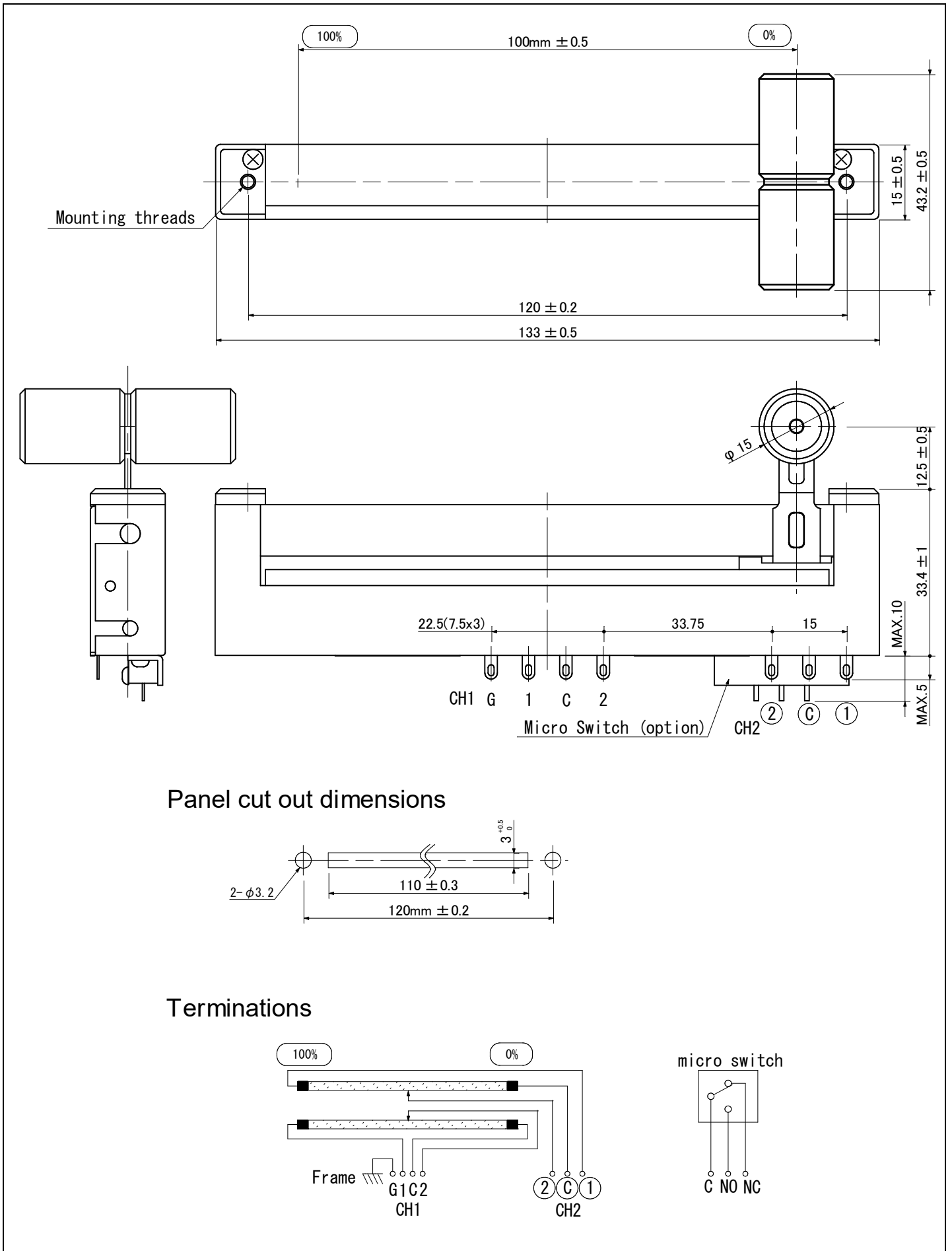
General specifications

	CPA-9000TBC Series
Temperature range	-10 to +70 degrees C (Operating), -15 to +75 degrees C (Storage)
Relative humidity	90%RH (No condensation)

Note

- * Solder heat resistance: 350deg C max, 5sec max, 2 times. (Manual soldering only)
- * Please take care during soldering that the smoke from the solder does not flow inside a fader.
- * If the flux sticks to a resistor board, it may cause a trouble with the fader.
- * It is highly recommended that the fault tolerant system is to be set up in the big situation like the live broadcast.

Dimensions



Panel cut out dimensions

Terminations

The products and their specifications are subject to change without notice.