

# LPA-7000 Series

**PROFADER™**

## Direct print resistance board

Long sliding life.

## Protection against dust

Horizontal style Control-bar design.

## High Quality

All parts are highly precise.



## Model number

**2**

Number of circuit  
Blank: single circuit  
2: 2circuits

**LPA-7101**

Product type  
LPA-7101: 100mm

**B**

Taper  
B: Linear taper

**10K**

Total resistance

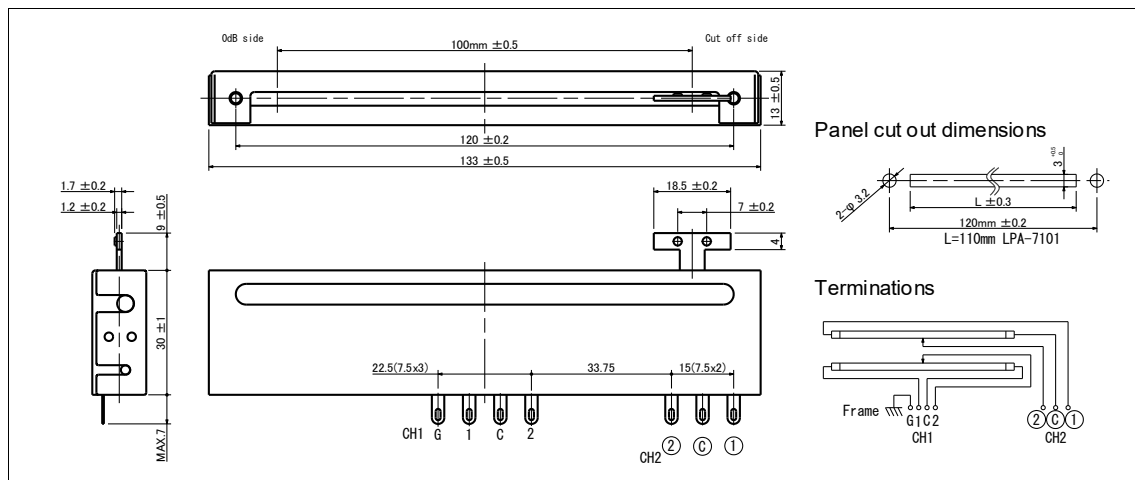
\* Impossible to use vertically.

## Circuit method

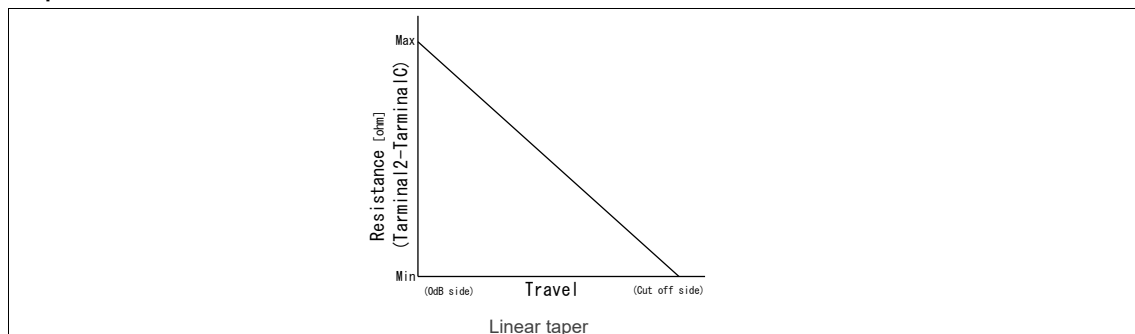


Potentiometer circuit

## Dimensions



## Output Law



## Electrical specifications

	LPA-7101-B	2LPA-7101-B
Circuit (Unbalanced)	1	2
Total resistance (1-C)	10kohm	
Total resistance tolerance	±20%	
Taper	Linear (Potentiometer circuit)	
Linearity	±5%	
Residual resistance	50ohm or less	
Voltage proof	1 Min. at AC500V	
Insulation resistance	50Mohm or more at DC500V	
Max rating	0.1W	
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

	LPA-7000 Series
Stroke length	100mm±0.5mm
Operating force	0.1~0.3N
Strength of Nut-Attached	100Ncm
Attached Parts	M3 screw (Length: Panel thickness + 3~4mm)
Stopper strength	50N
Push-pull strength	50N

## General specifications

	LPA-7000 Series
Temp.range	-10 to +70 deg C (Operating), -15 to +75 deg 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.
- \* Move to one end in Control-bar on the occasion of knob wearing, and can break into it slowly.
- \* It is highly recommended that the fault tolerant system is to be set up in the big situation like the live broadcast.