## **Mo**torized Stick Controller

**RKJXF** Series

## Small model for high efficient surroud mixing free from operational irregularity.

Power

Push

Slide

Rotary

Encoders

Detector

Dual-in-line Package Type

Multi Control Devices

**TACT** 

Custom-Products

Variable Resistor Type Switch Type



#### Features

- Superior operational feel free from operational irregularity due to direction. Ideal for finger-tip operation.
- Lever can be moved and setup to the required position with the motor drive system.
- Touch sense track is provided as a standard feature.
- The small DC motor with slowdown gear system provides an excellent space-saving factor.

### Applications

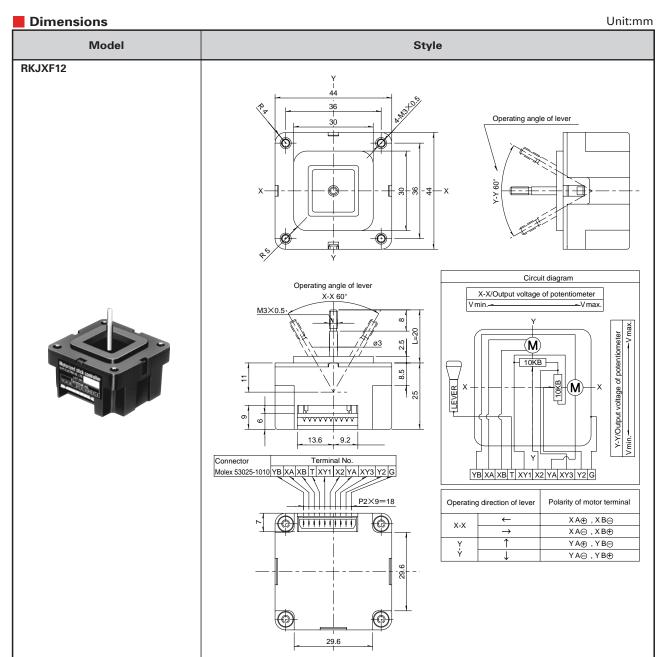
Surround panning for studio mixer

Typical Specifications

Items	Characteristics
Total resistance	5kΩ
Resistance taper	B (0B)
Motor voltage	4.5V DC
Motor maximum current	1A
Operating life	X-X and Y-Y direction 50,000 cycles each.

### ■ Standard Products List (Recommended Products)

Touch sense track	Products No.	Minimum packing unit (pcs.)
With	RKJXF1210000	10



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# **Products Specifications**

Power Push Slide Rotary **Encoders Detector** Dual-in-line Package Type Multi Control Devices **TACT** Custom-**Products** 

Variable **Resistor Type** Switch

Type

Items		RKJXK	RKJXP	RKJXF		
Operating temperature range		–10°C to +60°C				
	Rated power		0.0125W		0.05W	
Electrical performance	Directional resolution		Contiguity			
	Insulation resistance		100MΩ min. 250V DC			
	Voltage proof		250V AC for 1min.			
	Direction application force		8mN·m max. Without Lever return type 6±4mN·m Lever reset type	17±10mN∙m	5±4.5mN∙m	
Mechanical performance	Push application force		5.2±2.6N	6.4 <sup>+3.4</sup> <sub>-2.6</sub> N		
	Solder heat Manual soldering		300°C max. 3s max.			
	resistance	Dip soldering	260±5℃,5±1s			
Slider noise		300mV max. by JIS method		100mV max. by JIS method		
Lever stopper strength		0.3N∙m		0.3N·m		
Lever play		5°max.				
Lever strength		50N min. (Push/Pull)		30N min. (Push/Pull)		
Vibration		10 to 55 to 10Hz/min., the amplitude is 1.5mm for all the frequencies, in the 3 direction of X, Y and Z for 2 hours respectively				
Endurance	Operatin	Directions	100,000 cycles	2,000,000 cycles	50,000 cycles	
	life Center detent		1,000,000 cycles			
	Cold		−10±2°C for 96h			
Environ- mental test	Long-term heat resistance		70±2℃ for 96h			
	Moisture resistance		40±2℃, 90 to 95%RH for 96h			