

# *Non-contact digital fader*

**CONTROLLER**  
TOKYO KO-ON DENPA

Motor fader type : CMA-1101-M8V

Manual fader type : CFA-1101 / CFA-1101A

Crossfader type : CF-45T

## Capacitance sensor + *PROFADER™*

Non-contact digital faders have the long life and the long lasting smooth movement.  
A/D conversion is unnecessary.

### Motor fader

Both servo track and touch sense track are non-contact.

The output value of the servo track is an incremental type.

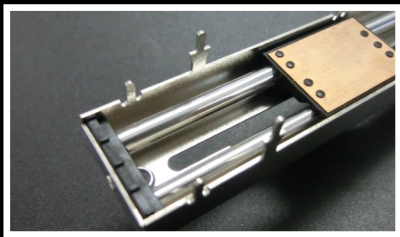
### Manual fader

The output value is selectable from either incremental type or absolute type.

### Crossfader

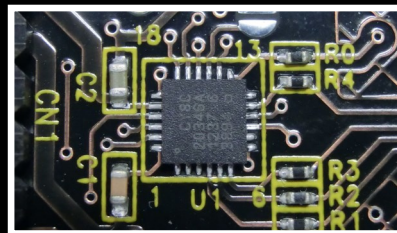
The light feeling is well-matched with DJ mixers.  
The output value is an absolute type.

### Smooth movement



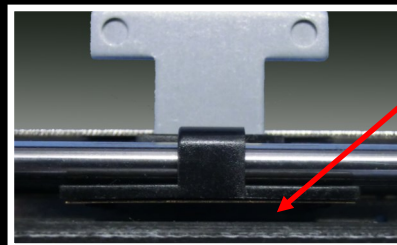
High-precision mechanism

### Digital output



Digital output by I<sup>2</sup>C

### Non-contact sensor



Electrostatic capacitance type sensor

Point!!

# Non-contact Digital Fader Lineup

Product type					
	<b>CMA-1101-M8V</b>		<b>CFA-1101</b>	<b>CFA-1101A</b>	<b>CF-45T</b>
Application	Audio mixer, Communication facilities, Master controller, Lighting consoles, Other audio equipment.				DJ-Mixer
Sensor system	<b>Electrostatic capacitance type sensor</b>				
Communication system	I <sup>2</sup> C Slave				
Operating voltage	DC5V ±0.25V				
Resolution	10bit (0~1023)			8bit (0~255)	
Response time	1msec or less				
Stroke length	100mm ±0.5mm			45mm ±0.5mm	
Output value	Incremental type		Incremental type	Absolute type	Absolute type
Bit error	±3bit		±2bit		
Return bit error	-		-	±3bit	
Power consumption	25mW (excluding the motor driving power)		25mW		
DC-Motor	8V DC Motor		-	-	-

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