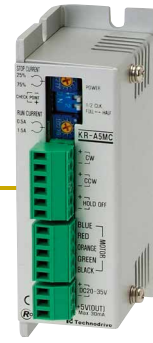


# KR-A5CC

## DC24V Input 5-phase Stepping Motor Driver



DC24V

0.1~0.9A / phase

Full / Half-Step

Case type

### Specifications



Items	Specification					
Power supply	DC20-35V (-10%,+20%) max.3A					
Output current (0.35A/phase at shipping)	Rated current : 0.1~0.9A/phase					
Driving Type	Bipolar pentagon constant current drive					
Input signal circuit	Signal name	Functional description			Input resistance	
	CW+	Pulse signal input for 1 clock mode			390Ω	
	CW-	CW rotation input for 2 clock mode				
	CCW+	Rotational direction input for 1 clock			390Ω	
	CCW-	CCW rotation input for 2 clock				
	H.O.+ H.O.-	Motor exciting OFF control signal "H" for motor exciting OFF			390Ω	
<p>Pulse width : 0.5 μs min., Rising-up time : 1 μs max.                  Pulse interval : 0.5 μs min., Pulse frequency : 50kpps max.                  Pulse voltage : "H" for 4~8V &amp; "L" for 0~0.5V                  Triggerd at the edge of OFF (Logic"L") to ON (Logic"H") of photo-coupler current                  CCW rotation with CCW input of "L" in 1-clock system</p>						
Setting of driving current	<p>To change the RUN current, connect the CP+ to the (+) terminal of the voltmeter and the CP- to the (-) terminal of the voltmeter then adjust RUN CURRENT volume.</p> $\text{Setting current (A)} = \frac{\text{CP voltage (V)}}{4}$ <p>Setting example) When drive current is set to 0.35A/phase, the CP voltage is adjusted to 1.4V.</p> <p>Note) Run current should be changed during the operating of motor.</p>					
Setting of Stop current	<p>In order to reduce the heat adjusting the current, change it using STOP CURRENT volume. The setting value of STOP CURRENT volume is a percentage of the setting volume of RUN CURRENT.</p> <p>Ex) After setting 1.4A for Run current then put STOP CURRENT volume at 50%, the stop current will be 0.7A.</p>					
Setting of Dip-switches (All off at shipping)	No.	Symbol	Function	ON	OFF	
1	1/2 CLK	Switching of clock	1 clock mode	2 clock mode		
2	Full / Half	Setting of Interpolation	Full-step (0.72°)	Half-step (0.36°)		
Operating temperature & humidity	0~40°C 85%RH max. without any dew condensation.					
Storage temperature & humidity	-10~70°C 85%RH max. without any dew condensation.					
Mass	Approximately 130g					

### Driver Outer Dimensions

