RCX221/RCX222

Articulated robots YA
Linear conveyor modules LCM
Single-axis robots GX
Motor-less single axis actuator Robonity
Compact single-axis robots TRANSERVO
Single-axis robots FLIP-X
Linear motor single-axis robots PHASER
Cartesian robots XY-X
SCARA robots YK-X
Pick & place robots YP-X
CLEAN
CONTROLLER
INFORMATION
Robot positioner
Pulse string driver
Robot controller
RCX iVY2+ Electric gripper
Option

Accessories and part options
RCX221/RCX222

■ **Standard accessories**

● **Power connector + wiring connection lever**

| Model | KAS-M5382-00 |

LCC140 · TS-X · TS-P · SR1-X · SR1-P · RCX320 · RCX221 · RCX222 · RCX340

● **Safety connector**

| Model | KAS-M5370-00 |

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● **RPB terminator (dummy connector)**
Attach this to the RPB connector during operation with the programming box RPB removed.

| Model | KFR-M5163-00 |

RCX320 · RCX221 · RCX222 · RCX340

● **Standard I/O (STD.DIO) connector**

| Model | KAS-M533G-00 |

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● **Option I/O (OP.DIO) connector**

| Model | KAS-M533G-10 |

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● **L type stay (for installing front side, rear side.)**
Use to install the controller.

| Model | KAS-M410H-00 |

Note. Model No. is for a single bracket (L type stay).
(Two are required to install one controller.)

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● **Absolute battery**
Battery for absolute data back-up.
(Not included with the RCX221)

● **Basic specifications**

Item	Absolute battery
Battery type	Lithium metallic battery
Battery capacity	3.6V/2,700mAh
Data holding time	About 1 year Note1 (in state with no power applied)
Dimensions	φ17 × L53mm
Weight Note2	21g

| Model | KAS-M53G0-12 |

Note 1. When using 2 batteries.
Note 2. Weight of battery itself.
Note. The absolute battery is subject to wear and requires replacement.
If trouble occurs with the memory then remaining battery life is low so replace the absolute battery. The battery replacement period depends on usage conditions. But generally you should replace the battery after about 1 year counting the total time after connecting to the controller and left without turning on the power.

SR1-X · RCX222

Important **Absolute battery installation conditions**
1 to 2 batteries are required for each 2 axes.
● 1 battery…...Data storage time of approximately 6 months (with no power applied)
● 2 batteries…Data storage time of approximately 1 year (with no power applied)
Note. Absolute battery is not required for either of the 2 axes if using incremental or semi-absolute specifications.

● **Battery case**
This is the absolute battery holder.

| Model | KBG-M5395-00 |

SR1-X · RCX222

■ Options

● Programming box RPB/RPB-E P.700

This device can perform all operations such as manual robot operation, program entry and edit, teaching and parameter settings.

RPB **RPB-E**

	RPB	RPB-E
Model	KBK-M5110-10	KBK-M5110-00
Enable switch	–	3-position
CE marking	Not supported	Applicable

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● Support software for PC VIP+ P.692

VIP+ is a simple to use application software that makes tasks such as robot operation, writing-editing programs, and point teaching easy to visually understand.

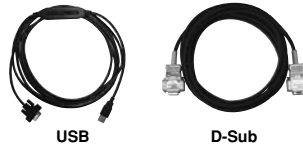| VIP+ software model	KX0-M4966-00

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● Environment

OS	Windows 2000, XP (32bit), Vista, 7, 10 (Supported version: V.2.8.4 or later)
CPU	Processor that meets or exceeds the suggested requirements for the OS being used.
Memory	Suggested amount of memory or more for the OS being used.
Hard disk	40MB of available space required on installation drive.
Communication method	RS-232C
Applicable robot controllers	RCX22x / 240

Note. Windows is the registered trademark of US Microsoft Corporation in U.S.A. and other countries.
Note. ADOBE and ADOBE READER are registered trademarks of Adobe Systems Incorporated.

● Data cables

Communication cable for VIP+.
Select from USB cable or D-sub cable.

USB **D-Sub**

Model	USB type (5m)	KBG-M538F-00
	D-Sub type 9pin-9pin (5m)	KAS-M538F-10

LCC140
ERCD
SR1-X
SR1-P
RCX320
RCX221
RCX222
RCX340

Note. This USB cable supports Windows 2000/XP or later.
Note. Data cable jointly used for POPCOM+, VIP+, RCX-Studio Pro and RCX-Studio 2020.
Note. USB driver for communication cable can also be downloaded from our website.

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