

Accessories and part options

Standard accessories

Power connector + wiring connection lever



| | |
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| Model | KAS-M5382-00 |
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Note. Jointly used by SR1-P / SR1-X, RCX221 / 222.

Safety connector



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| Model | KX0-M5163-00 |
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RPB terminator (dummy connector)

Attach this to the RPB connector during operation with the programming box RPB removed.



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| Model | KAS-M5163-00 |
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Note. Jointly used by RCX221 / 222.

Standard I/O (STD.DIO) connector



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| Model | KX0-M533G-00 |
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L type stay (for installing front side, rear side.)

Use to install the controller.



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| Model | KX0-M410H-00 |
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Note. Model No. is for a single bracket (L type stay). (Two are required to install one controller.)

Battery case

This is the absolute battery holder.



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| Model | KBG-M5395-00 |
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Absolute battery

Battery for absolute data back-up.



Absolute battery basic specifications

| Item | Absolute battery |
|-------------------------|---|
| Model | KAS-M53G0-11 |
| Battery type | Lithium metallic battery |
| Battery capacity | 3.6V/2,750mAh |
| Data holding time | About 1 year ^{Note1} (in state with no power applied) |
| Dimensions | φ17 × L53mm |
| Weight ^{Note2} | 22g |

Note 1. When using 2 batteries. Note 2. Weight of battery itself.
 Note. Jointly used by SR1-X, RCX222.

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.

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.

Options

L type stay (for side surface installation)

Use to install the controller.



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| Model | KX0-M410H-10 |
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Note. Model No. is for a single bracket (L type stay).

Support software for PC VIP+

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.



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|---------------------|--------------|
| VIP+ software model | KX0-M4966-00 |
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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 |

Note. Data cable jointly used for POPCOM, VIP, VIP+.
 Note. USB driver for communication cable can also be downloaded from our website (driver supports VIP+, POPCOM, and TS-Manager).

Programming box RPB / RPB-E

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



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

Environment

| | |
|------------------------------|--|
| OS | Microsoft Windows 2000 / XP / Vista (32bit / 64Bit) / 7 (32bit / 64Bit) |
| 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, Ethernet <small>Note. For Ethernet communication, Ethernet unit for RCX series controller is required.</small> |
| Applicable robot controllers | RCX221 / RCX222 / RCX141 / RCX142 / RCX240 |

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APPLICATION
 TRANSERO
 Compact
 single-axis robots
 FLIP-X
 Single-axis robots
 PHASER
 Linear motor
 single-axis robots
 XY-X
 Cartesian
 robots
 YK-XG
 SCARA
 robots
 YP-X
 Pick & place
 robots
 CLEAN
 CONTROLLER
 INFORMATION
 Robot
 positioner
 Pulse string
 driver
 Robot
 controller
 IVY
 Electric
 gripper
 Option