## Accessories and part options

### SR1-X/SR1-P

#### Standard accessories

- **Power connector + wiring connection lever**
  - Model: KAS-M5382-00

- **Safety connector**
  - Connector plug model: KBG-M4424-00
  - Connector cover model: KBG-M4425-00
  - Model: KDK-M5163-00

- **HPB dummy connector**
  - Attach this to the HPB connector during operation with the programming box HPB removed.
  - Model: KAS-M5392-00

- **NPN / PNP connector**
  - Connector plug model: KBH-M4424-00
  - Connector cover model: KBH-M4425-00

- **L type stay**
  - Use to install the controller.
  - Model: KBG-M410H-00

- **Absolute battery**
  - Battery for absolute data back-up.
  - (Not included with the SR1-P)
  - **Basic specifications**
    | Item                | Absolute battery |
    |---------------------|-------------------|
    | Battery type        | Lithium metallic battery |
    | Battery capacity    | 3.6V/2.750mAh |
    | Data holding time   | About 1 year (in state with no power applied) |
    | Dimensions          | φ17 × L53mm |
    | Weight               | 22g |

- **Battery case**
  - This is the absolute battery holder.
  - Model: KBG-M5395-00

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### Optional parts

See next page for optional parts

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[Instruction manuals can be downloaded from our company website. Please use the following for more detailed information.](https://global.yamaha-motor.com/business/robot)
**Options**

- **Cable for monitor I/O**
  Cable to connect I/O connector of SR1 monitor. The cable is 1.5m long with its end cut and left as it is. Required when using analog input/output and feedback pulse output.

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

- **Environment**

  | OS | Windows XP (32bit), Vista, 7, 8 / 8.1, 10 (Supported version: V.2.1.1 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 | 50MB of available space required on installation drive. |
  | Disk operation | RS-232C |
  | Applicable controllers | SR1-X, DRCX, TRCX, ERCX, ERCD, LCC140 Note 1 |

  Note 1. LCC140 is applicable to Ver. 2.1.1 or later.
  Note. Windows is the registered trademark of US Microsoft Corporation in U.S.A. and other countries.

- **Data cables**
  Communication cable for POPCOM+. Select from USB cable or D-sub cable.

- **Programming box HPB/HPB-D**
  This device can perform all operations such as manual robot operation, program entry and edit, teaching and parameter settings.

- **YC-Link board (with connection cable)**
  Note. Use the converter cable if changing to the SR1-X, SR1-P from a system using SRCX, SRCP. (See P.623).