

# EPSON

**PX-16 OPTION  
ASYNCHRONOUS RS BOARD**

English

**PX-16 OPTION  
ASYNCHRONE  
RS-INTERFACEKARTE**

Deutsch

**PX-16  
CARTE RS ASYNCHRONE**

Français

**OPCION DEL PX-16  
MODULO RS ASINCRONO**

Español

**OPZIONI PER PX-16  
SCHEDA RS232C ASINCRONA**

Italiano

**HC-160オプション  
非同期(ASYNCHRONOUS)  
RSボード取付説明書**

日本語

HC160ML5  
Y21199102201

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# OPERATING INSTRUCTIONS

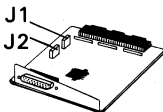
## Overview

The Asynchronous RS board connects to the expansion interface on the PX-16 Base unit. This board is equipped with the serial interface. It can be used as the secondary serial port (COM2) or as an interface for the PX-16 developing assistance system named "PX-16 Terminal Link (PTL)".

This document describes how to attach the Asynchronous RS board to the PX-16 Base unit.

In addition to this document, the Asynchronous RS board package should contain the following items:

Asynchronous RS board .....	1
Fastening screw .....	3 (1 for extra)
Connector cover .....	1



Jumper J1 and J2 have the following function:

J1 ..... Jumper J1 switches the usage of the Asynchronous RS board.

- Position a.... Secondary serial port
- Position b ... Interface for the PTL

J2 ..... Jumper J2 switches the destination of the interrupt signal from UART.

- Position a.... IRQ3
- Position b ... IRQ4

Usually set the jumper J2 to the position a.

## Before attaching the RS board

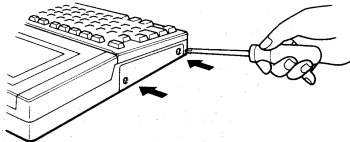
Before attaching the Asynchronous RS board, note the following points.

### WARNING

- Never touch the electronic parts inside the PX-16 Base unit.
- To prevent damage from static electricity, touch a metal pipe. This will discharge any static electricity.

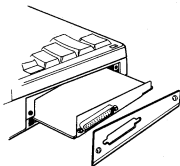
## Attaching the RS board

1. Confirm that the power indicator of the Base unit is OFF. If the power indicator is ON, turn off the power of the PX-16 Base unit by pressing the power switch at the right side of the PX-16 Base unit.
2. Loosen the 2 screws located at the left side of the PX-16 Base unit.



3. Remove the connector cover of the expansion interface.
4. Position the Asynchronous RS board at the groove of the expansion interface.
5. Insert the Asynchronous RS board.

6. Confirm that the Asynchronous RS board is connected to the PX-16 Base unit firmly.
7. Place the connector cover in the Asynchronous RS board package on the expansion interface and secure it with screws.



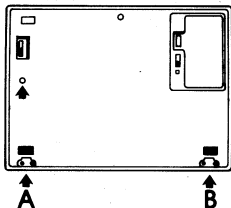
## Note

- To use the Asynchronous RS board as an interface for the PTL, switch the jumper J1 to the position b.

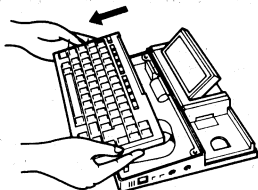
## Removing the RS board

1. Turn off the power of the PX-16 Base Unit.
2. Loosen the 2 screws which fix the connector cover at the left side of the PX-16 Base unit and remove the connector cover.
3. Turn over the PX-16 Base unit.  
If the LCD80 is installed to the PX-16 Base unit, close the LCD panel before turning over the PX-16 Base unit not to break it.
4. Open the battery box by removing the screw which fastens the battery cover.
5. Take out the battery. You do not have to pull out the plug to the battery from the connector.
6. Loosen the screw in the battery box.

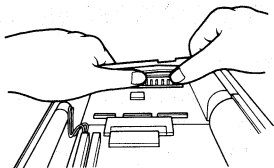
- Loosen and remove the 3 screws indicated in the figure below. If you use the Disk unit, screw A and B may be covered by "Metal cover." In this case, remove the Metal covers at first.



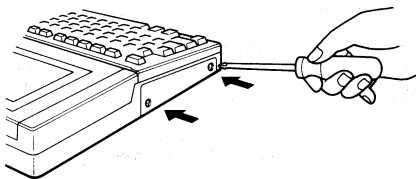
- Turn over the PX-16 Base unit.
- Lift up the keyboard.



- Place your thumbs against the inside of the serial connector (inside the PX-16 Base unit, just below the frame) on the Asynchronous RS board. Using the outside of the Base unit's frame as a brace for your fingers, push the RS board out through the opening in the side of the PX-16 Base unit. Note that it will be necessary to push hard at first until the RS board is free of the connector which joins it to the motherboard. Once the RS board is disconnected from the motherboard, it can easily be slid out of the PX-16 Base unit.



11. Place the connector cover on the expansion interface and secure it with screws.



12. Turn over the PX-16 Base unit.
13. Fix the screw in the battery box.
14. Return the battery to the battery box. Put the lead wire of the battery neatly in the battery box.
15. Close the battery cover.
16. Secure the 4 screws.

