Roland

MPU-401
INTERFACE KIT
MIF-IPC

MIF-IPC

MPU Interface Kit MIF-IPC is for setting up
the MPU-401 with the IBM PC (5150)*, etc.
- Optional software is also necessary.

MIF-IPC: Interface Card × 1
         Connection Cable × 1
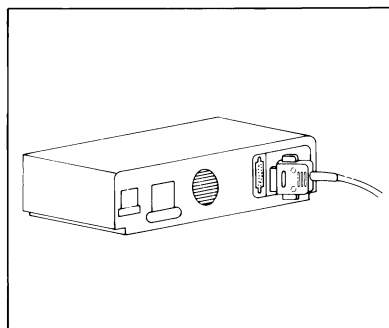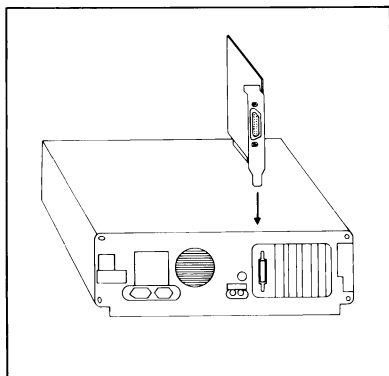
*Appropriate Computer:
 IBM PC (5150)
 IBM XT (5160)
 IBM AT (5170)

■ **How to set up**

1. Make sure that the computer is turned
   off.

2. Remove the top cover and securely at-
   tach the Interface Card to the Expansion
   Slot.
   - See the user's manual of the com-
     puter.
   - Be sure to tighten the screws at the
     upper part of the connector board of
     the Interface Card.

3. Connect the MPU-401 to the computer
   by using the Connection Cable. Here, be
   sure to tighten the screws on both ends
   of the connector.

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■ Circuit Diagram

To Computer

A9	D0
A8	D1
A7	D2
A6	D3
A5	D4
A4	D5
A3	D6
A2	D7

IC12 — LS245

To MPU-401

D0	1
D1	14
D2	2
D3	15
D4	3
D5	16
D6	4
D7	17

IC13 LS08 1/4

A2	6
A1	18
A0	5

| A31 | A0 |

IC14 LS682

I/O ADDRESS

A11	AEN
A28	A3
A27	A4
A26	A5
A25	A6
A24	A7
A23	A8
A22	A9

I/O Address : 330H~337H
Interrupt : IRQ 2 (IRQ 9)

| IORQ | 10 |

| B14 | IOR |

| RD | 9 |

IC13 LS08 3/4

| B13 | IOW |

| WR | 22 |

INT

B4	IRQ2,9
B25	IRQ3
B24	IRQ4
B23	IRQ5
B22	IRQ6
B21	IRQ7
B2	RESET DRV
B3	+5V
B29	
B1	
B10	GND
B31	

IC11 LS04 1/6

R11 1K

IC11 LS04 2/6

| DSR | 23 |
| RES | 11 |

C15 10/16   0.1 × 4

+5V	24
	12
GND	25
	13

⧉ Roland