TOA

INSTALLATION MANUAL
COMPUTER INTERFACE CI-600

To obtain optimum results from this computer interface, please follow instructions in this manual carefully. We suggest that you keep this manual handy for future reference.
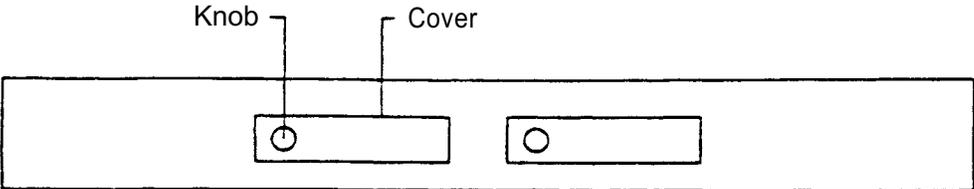
CONTENTS
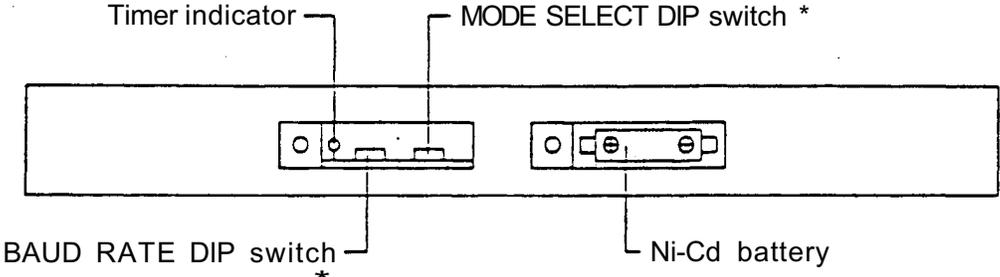
■GENERAL DESCRIPTION

The Toa CI-600 Computer Interface is used in conjunction with the SI-62 Speech Interface and the EX-610, EX-620 or EX-630 exchange. Connected to a personal computer or data terminal, the CI-600 permits system programming, personal information display, release of fixed messages, etc.

■PART NAMES

[Front-mounted facilities)

Knob ─┐   ┌─ Cover

● CI-600 without cover

Timer indicator ─┐   ┌─ MODE SELECT DIP switch *

BAUD RATE DIP switch ─┘   └─ Ni-Cd battery
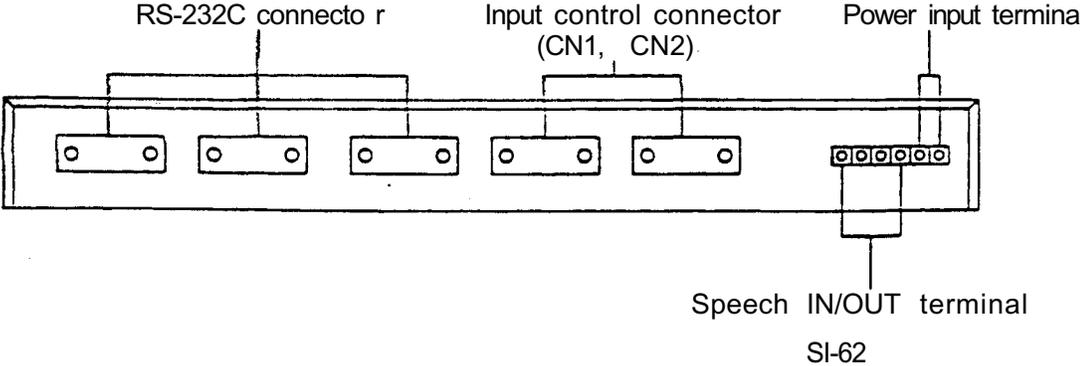   *

* Each DIP switch is OFF when put downward and ON when put upward, with the switch numbers 1 through 8 allocated left to right.

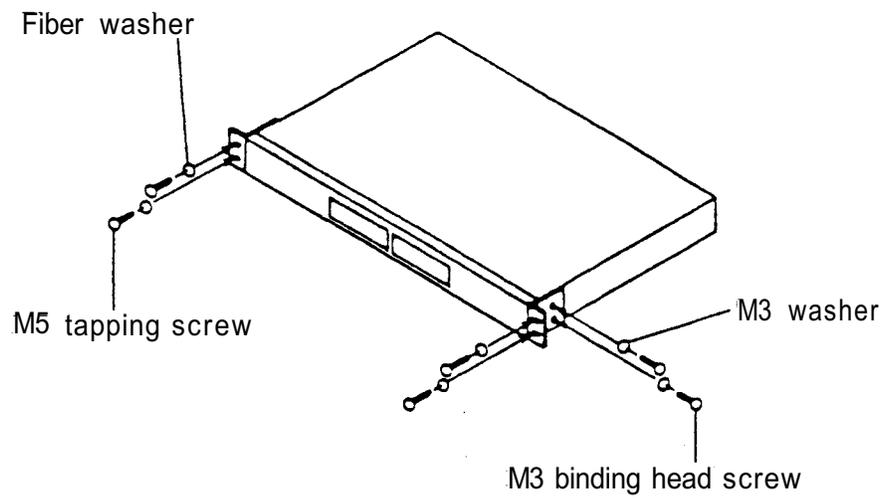[Rear-mounted facilities)

RS-232C connecto r   Input control connector   Power input terminal
                                 (CN1, CN2)

Speech IN/OUT terminal

SI-62

■ INSTALLATION
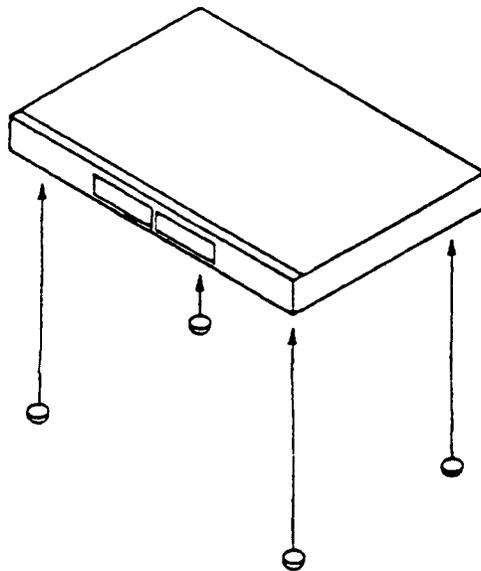
1. Rack mounting (exchange is mounted in an equipment rack.)
   Attach the supplied brackets to the CI-600 to mount in a rack. See the figure.

Fiber washer

M5 tapping screw

M3 washer

M3 binding head screw

2. Desk-top applications
   Attach the supplied rubber foot to the position indicated with a small hole (4 holes 2.4mm in diameter) in the bottom plate.
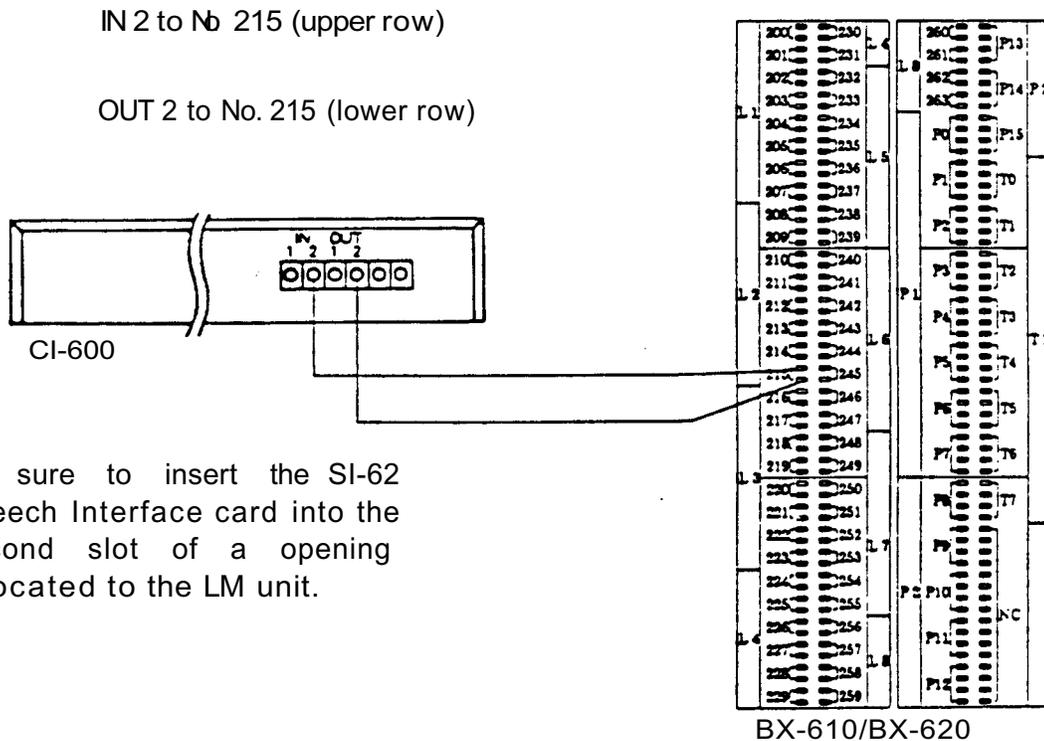
■CONNECTION

1. Input control connector and power supply

- Use the connection cable YR-806 (100cm in length) for connection between the CI-600 and exchange. When placing the CI-600 on the exchange, use the YR-802 cable (40cm).

- Use the YR-803 or YR-807 cable to connect the CI-600 to other equipment.

- For input control connector, use either CN-1 or CN-2. They are internally connected in parallel.

To other equipment

YR-802 or YR-806

Interface connector

EXES-5000 SERIES EXCHANGE

COM +24V
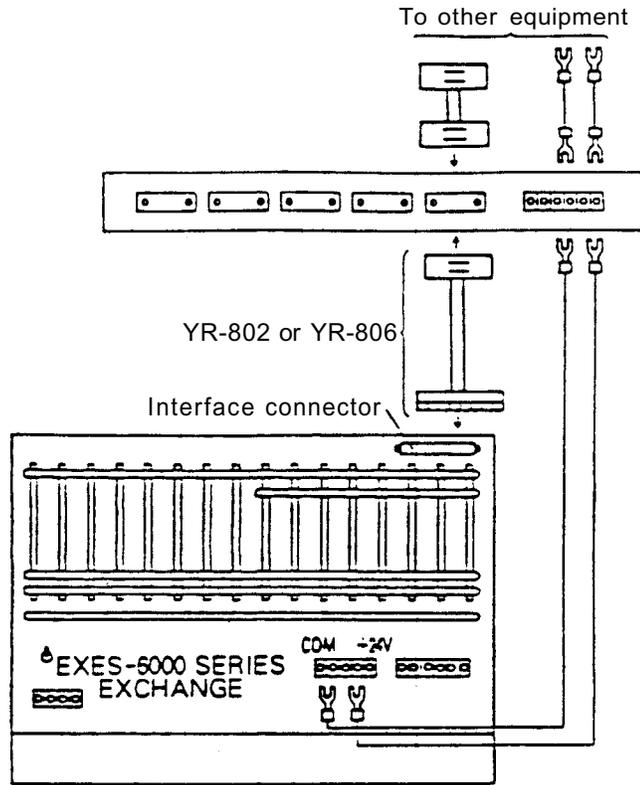
2. Speech IN/OUT terminals

- Connect the IN/OUT terminals to the BX-610 or BX-620 terminal box as illustrated below.

IN 2 to No 215 (upper row)

OUT 2 to No. 215 (lower row)

IN   OUT
1 2   1 2

CI-600

- Be sure to insert the SI-62 Speech Interface card into the second slot of a opening allocated to the LM unit.

BX-610/BX-620

3. RS-232C connector

● Connection between CI-600 and DEC VT-100 terminal
Connect the DEC terminal and CI-600 using the appropriate cable for distance between the two. The type of connector is D-sub 25 pins (male) and D-sub 25 pin (female).

RS-232C 25-pin connector

[Connection diagram]

RS-232C
25-pin
connector
DEC terminal
CI-600
RS-232C
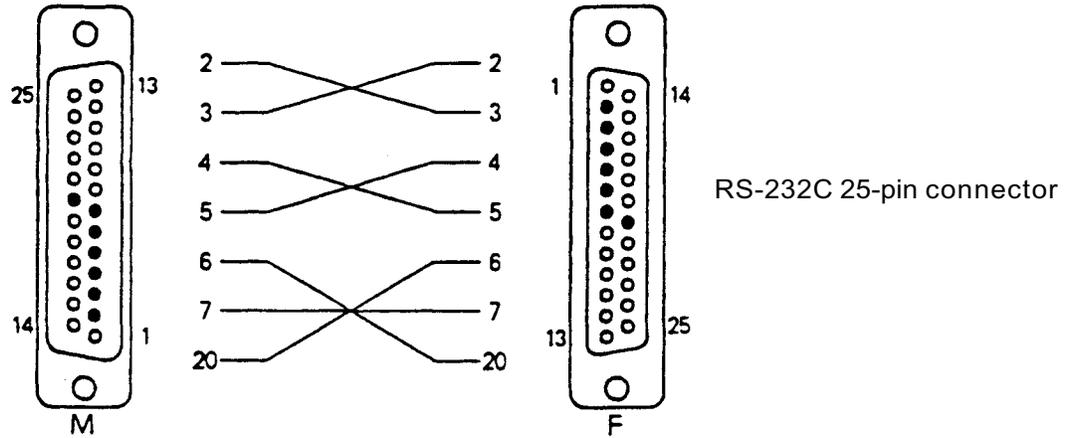
M : Male connector
F : Female connector
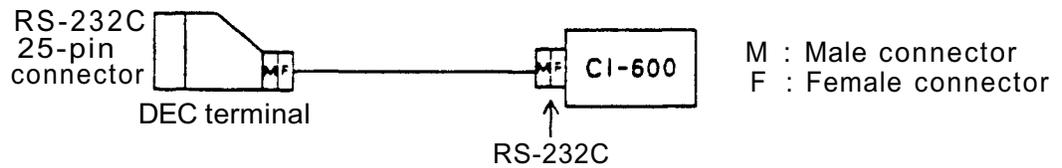
● Connection between IBM personal computer and CI-600
Connect the IBM personal computer and CI-600 using the appropriate cable for distance between the two. The type of connector is D-sub 25 pins (male) and D-sub 25 pins (female).

RS-232C 25-pin connector

[Connection diagram]

Personal computer
CI-600
RS-232C
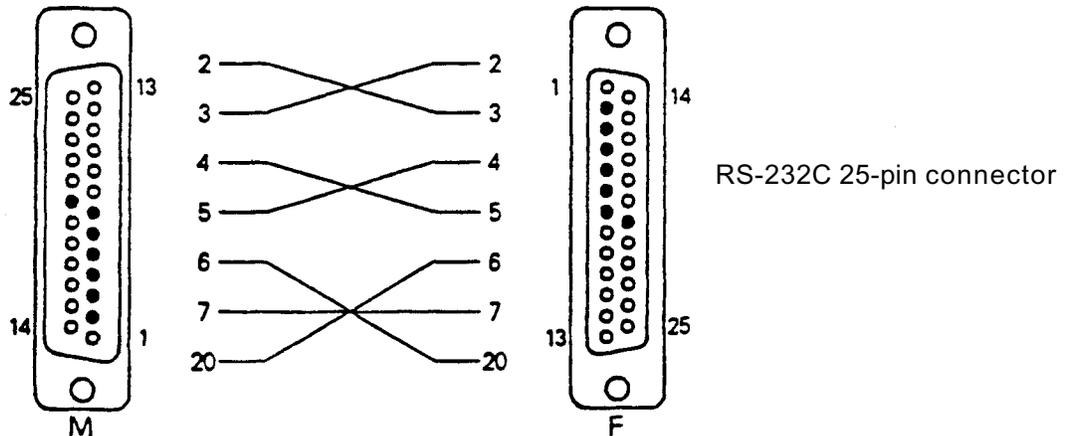
M : Male connector
F : Female connector

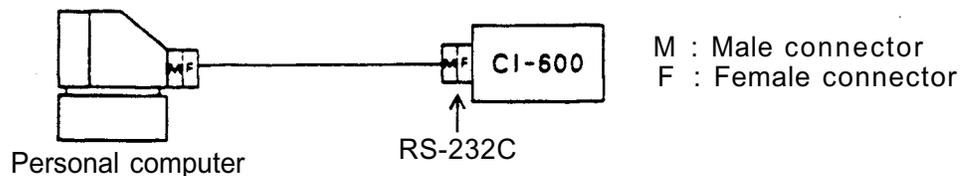● Connection between CI-600s (tie-line connection)

In a tie-line system, connect one CI-600's RS-232C connector No.2 to the same connector of another CI-600 only when initial set-up is performed.
(Refer to the operating instructions.)

[Connection diagram]
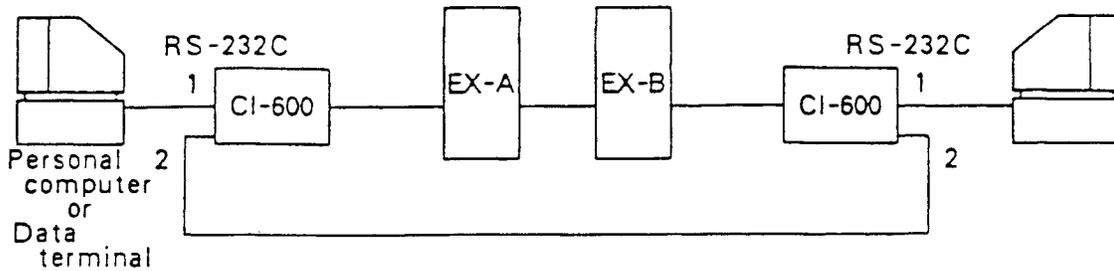
■BACK-UP BATTERY

The Ni-Cd battery (GB50-3FA1) maintains the CI-600's stored data during power failure. Observe the following precautions.

● To keep the battery fully charged, do not switch power off for first 8 days after installing the CI-600. Once the battery has been fully charged, it maintains the stored data for about 10 days (at 25°C) even no power is supplied.

● Expected battery life is about 2 years (at 25°C). Replace the battery every 2 years.

■ INITIAL CHECK-UP OF CI-600

START

↓

Connect IN/OUT lines, power lines and speech IN/OUT lines to both the exchange and CI-600.

↓

Using the RS-232C cable, connect CI-600's RS-232C connector No. 1 to personal computer or data terminal.

↓

Set both MODE SELECT and BAUD RATE DP switches.
(Refer to the operating instructions.)

↓

Set personal computer or data terminal in accordance with the CI-600's format. (Refer to the operating instructions.)

• Make sure that power is supplied.
• Set reset switch (MODE SELECT switch No.7) to ON.

↓

Switch on the CI-600.

↓

Does the timer LED blink at 1-second interval ? — NO →

YES

↓

Does the monitor display initial set-up menu ?

YES — NO

↓ ↓

Can characters typed from a keyboard be correctly displayed on the screen ?

Confirm that the RS-232C connector is connected properly.

YES — NO →

↓

Recheck if MODE SELECT switch NQ 7 is set to OFF. *

Confirm that the communication format of personal computer or data terminal matches that of CI-600.

↓

The section "Initial setting" of operating instructions.

＊ IMPORTANT
Leaving the switch on will cancel all the stored data when power is switched again.

■ SPECIFICATIONS

Operating power voltage	24V DC (20-28V)
Current consumption	Less than 300mA
Terminal capacity	3
IN-OUT connector/terminal	Interface bus ·············· 2 RS-232C ·············· 3 Speech IN/OUT/power unit ·········· 1
Standard	RS-232C
Message capacity	1.5-sec message×10 0.75-sec message × 10 (Total 22 sec)
Recording & reproduction	ADM method
Ambient temperature	0°C~40°C
Dimensions	432(W)×44.5(H)×298(D)mm (17(W)×1.8(H)×11.7(D) inch)
Weight	3.3kg (7.3 lbs)

＊ Specifications are subject to change without notice.

■ ACCESSORIES

Rack mounting bracket ·································· 2
Rack mounting screw (M5×12) ···················· 4
Fiber washer ·· 4
⊕⊖ Binding head screw (M3×6) ················ 4
Washer (M3) ··· 4
Rubber foot ··· 4
Floppy disk ··· 2