

TL620NS TRAVAN-NS LOADER USER 'S MANUAL  
Nov. 12.98 Rev. 2

1.     *The Composition(see figure1-1)*

Confirm the contents of the package.

|                                     |          |
|-------------------------------------|----------|
| 1) TL620NS/A TRAVAN-NS LOADER UNIT  | 1 UNIT   |
| 2) MAGAZNE                          | 2 Pieces |
| 3) C L E A N I N G   TAPE CARTRIDGE | 1 Pieces |
| 4) AC Cable                         | 1 Pieces |

2.     *The Name / Function*

2.1 Front(figure 2-1)

LOAD : TAPE which is inserted in the magazine by pushing this switch moves to DRIVE. When more than one TAPE is inserted in the magazine, TAPE with the earliest slot number is chosen and moves to DRIVE.

EJECT: MAGAZINE is discharged to the front by pushing this switch.

LED : MGZ1-Light Up: When MAGAZINE1 is inserted (Ready Condition)

Blinking: It inserts MAGAZINE1 and it still is BUSY condition.  
When execute Power-on Self- Test.

MGZ2-Light Up: When MAGAZINE2 is inserted (Ready Condition)

Blinking: It inserts MAGAZINE2 and it still is BUSY condition.  
When execute Power-on Self- Test.

CLEAN : Blinking: When execute Power-on Self- Test.

Executing Head Cleaning.

ALARM :Light Up : FRONT DOOR Open(When Power-on )

Blinking: When execute Power-on Self- Test.

FRONT DOOR: It is the door for the dust not to be able to go into the unit.

[NOTE] This door can not open when the unit is power-off and MAGAZINE is inserted.

## 2.2 REAR(figure 2-2)

**POWER SWITCH** : The main switch for running on the power supply to the TL620NS. Ensure that the ALERM LED of the power supply Is off before turning on the power.

[NOTE] There may be case when the power supply cannot be switched on depending on the setting made for the power supply control board described .

**IF CONNECTOR(J1,J2)** : It is the connector to attach the interface cable of the unit.

[NOTE] The unit have two interface connectors (J1,J2).For details, refer to " the connection with the system ".

**DRIVE ID** : It is the SCSI ID switch of Tape-Drive which is stored into the unit.

**LOADER ID** : It is the SCSI ID on the Loader unit.

[NOTE] SCSI ID be careful so as not for the side of the Tape-Drive and the side of Loader unit to overlap.

**TERMINATION** : When unit is connected with the termination set to "ON".  
Also, when connecting from the unit to another SCSI UNIT, set to "OFF".

[NOTE] When making this switch "ON", you don't connect Termination Connector with J1 or J2.

**AC INLET** : This is the place to insert AC power cable. The AC power can be used at the voltage 100V-240V.(auto-sense)

## **3. Connection of HOST Computer ..... see figure 3-1**

#### 4. *Using of TL620NS TRAVAN-NS LOADER*

4.1 If the connection with HOST completes, you turn on the Power-Switch in the unit.

[NOTE] The attached power code is intended for a 100-120VAC input power supply.

If the TL620NS is to be used with an input voltage of 200-240VAC, use a power supply code set, Listed, 3-conductor, rated 250VAC /min.6A.

[NOTE] This unit executes a Self-Test after the turning on.

While executing a Self-Test, all LED are blinking. Also, while executing a Self-Test, can not be executed everything.

The Self-Test ends within about 1 minute.

After Self-Test ending, all LED go out.

#### 4.2 Method of TAPE CARTRIDGE and MAGAZINE

When you insert TAPE CARTRIDGE in TRAVAN-NS LOADER, go by the procedure of the following (1)-(3).

- Insert of MAGAZINE

- (1) It is TAPE CARTRIDGE in MAGAZINE.(see figure 4-1)This MAGAZINE can insert TAPE in a maximum of 3 at one. If using 2 MAGAZINE(MAGAZINE-1/MAGAZINE-2), a maximum of 6 TAPE CARTRIDGE can be used.
- (2) When you insert MAGAZINE-1, that it is possible to do the wait which bumps against the direction of the arrow from the FRONT DOOR. At this time, If LED of "MGZ1" lights up, MAGAZINE-1 is automatically dragged into the inside of the unit from the position.(see figure 4-2)
- (3) When MAGAZINE-1 is inserted in the unit, the unit executes the confirmation operation the place where in TAPE CARTRIDGE is inserted in.(Read Element Check)
- (4) The operation of MAGAZINE-1 becomes able to be inserted the following MAGAZINE -2 for the first time after ending.
- (5) Insert MAGAZINE-2 in the same way.

- Insert of MAGAZINE

MAGAZINE is discharged to the front by pushing this switch.(see figure4-3)

MAGAZINE is discharged by the order of MAGAZINE-2, MAGAZINE-1.

[NOTE]Only one MAGAZINE is practicable.

If TAPE CARTRIDGE isn't inserted in MAGAZINE, the MAGAZINE can not be inserted in UNIT.

## 5. *Specifications of TL620NS TRAVAN-NS LOADER*

### 5.1 Capacity

|           |                                          |
|-----------|------------------------------------------|
| TL620NS   | 60GByte (120GByte: Enable compression )  |
| -At Media | 10GByte ( 20GByte : Enable compression ) |

### 5.2 Data Transfer Rate

|                  |                                  |
|------------------|----------------------------------|
| SCSI Transfer    | : 10Mbyte/sec max( Fast SCSI-2 ) |
| Execute Transfer | : 1Mbyte/sec Typ.                |

### 5.3 Environmental

|             |           |                                        |
|-------------|-----------|----------------------------------------|
| Temperature | operating | 5-35°C                                 |
|             | Storage   | -30-40°C                               |
|             | Transport | -10-50°C                               |
| Humidity    | operating | 20-80% (max wet bulb temperature=26°C) |
|             | Store     | 10-90% (max wet bulb temperature=26°C) |
|             | Transport | 10-90% (max wet bulb temperature=26°C) |

### 5.4 Power Requirements

|                        |                                |
|------------------------|--------------------------------|
| AC Line Specifications | : 100-240V (Auto sense enable) |
| Frequency              | : 50/60Hz                      |
| Wattage                | operation : 28w                |
|                        | Non-operation : 16w            |

#### 5.5 Dimensions and weight

The overall dimensions of drive are as follows:

Height: 150mm

Depth: 350mm

Width: 170mm

Weight less than 6.5kg

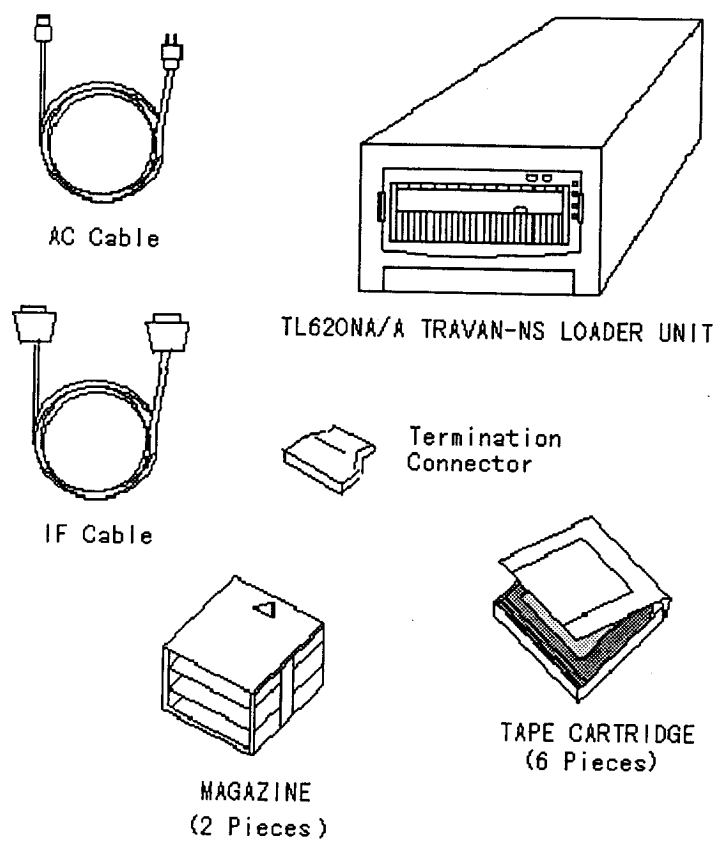


Figure 1-1

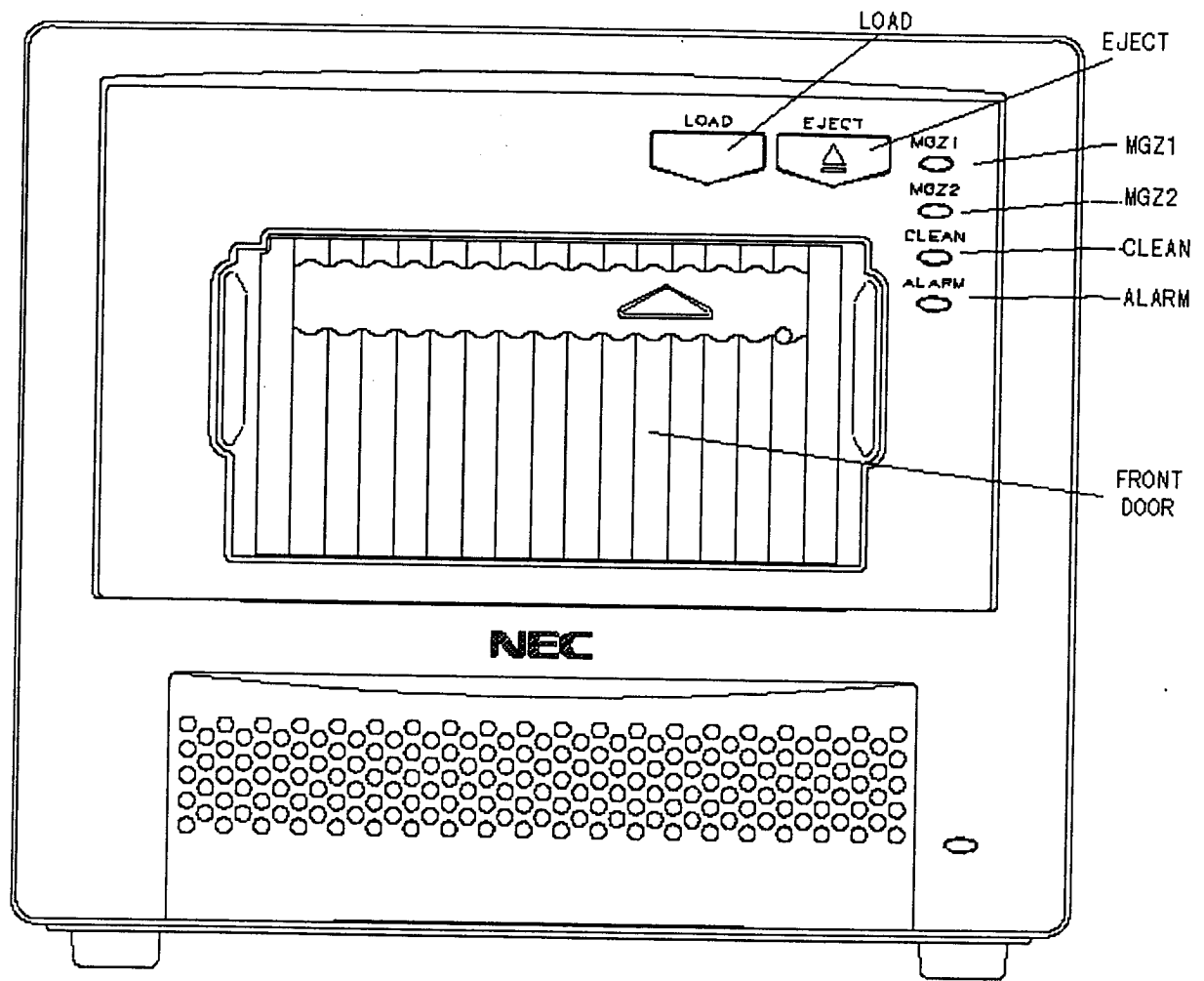


Figure 2-1

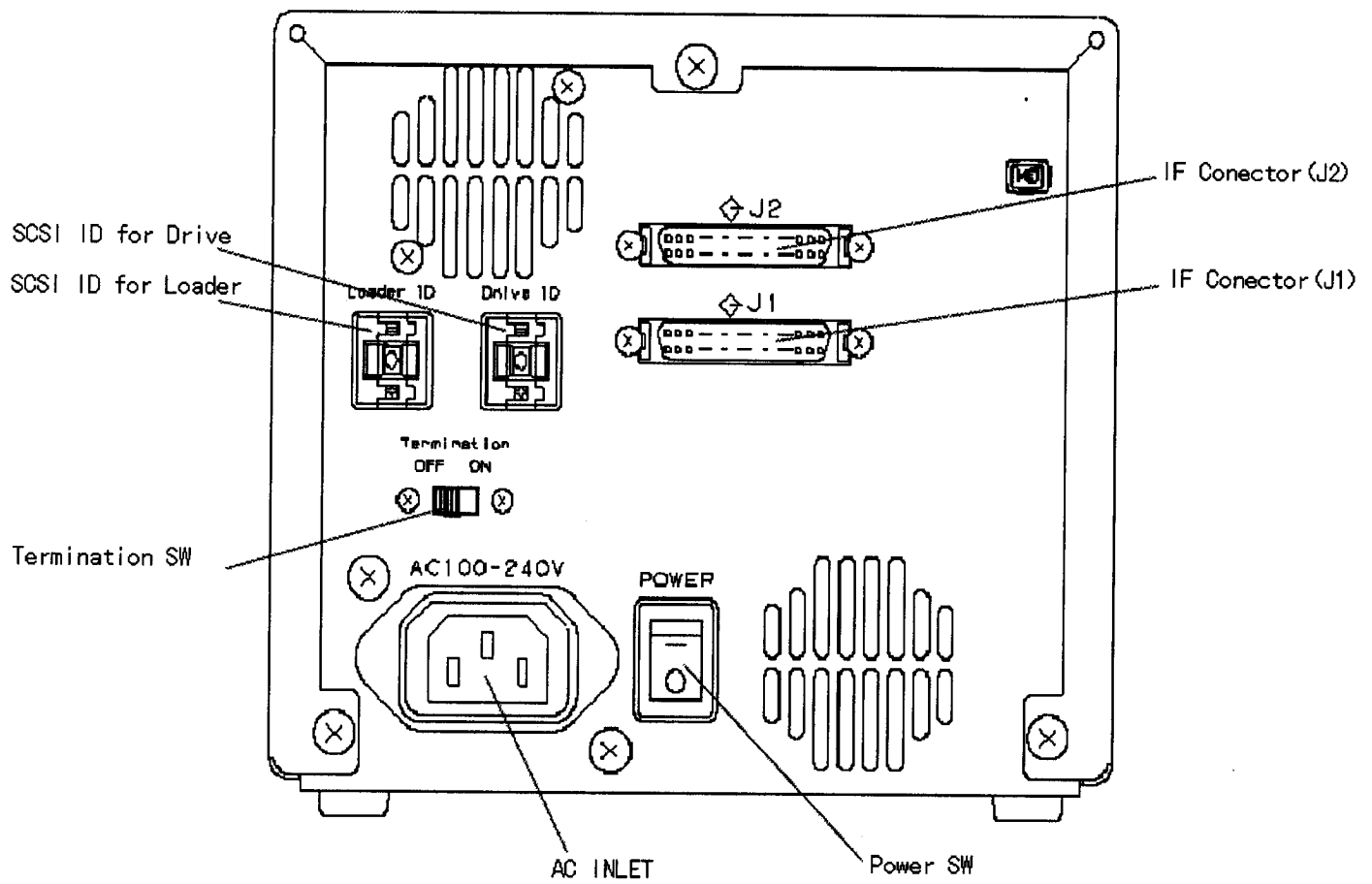


Figure 2-2

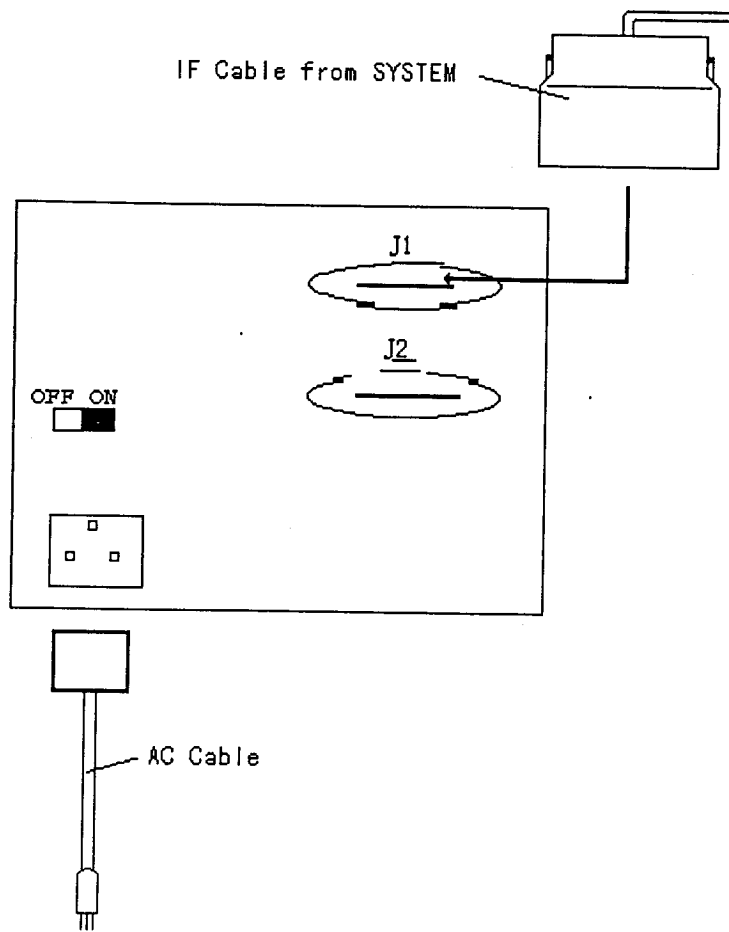
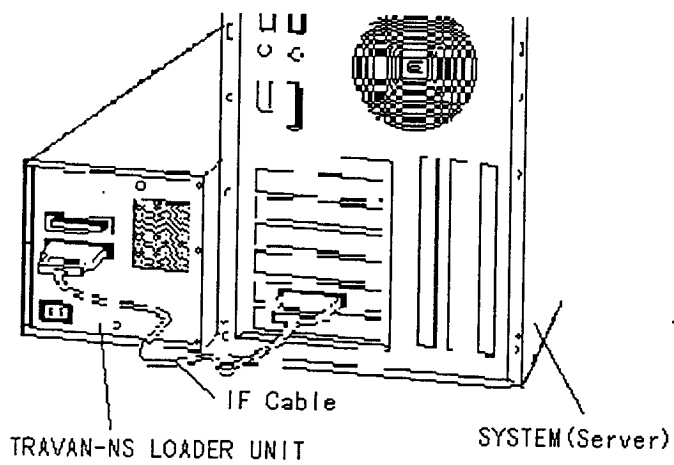


Figure 3-1



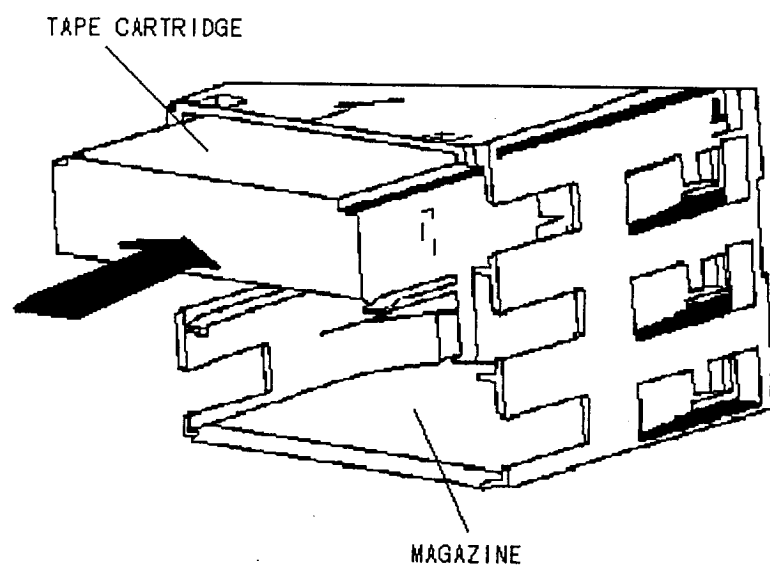


Figure 4-1

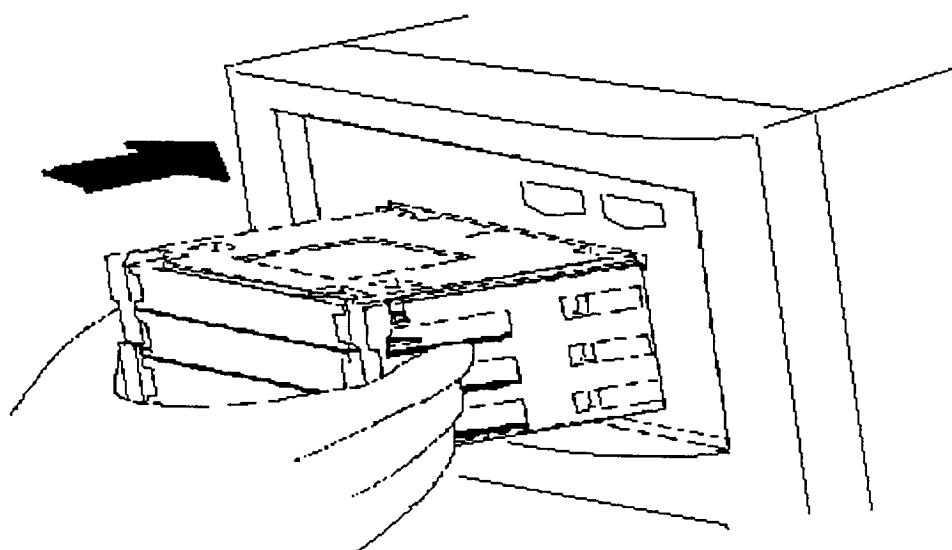


Figure 4-2

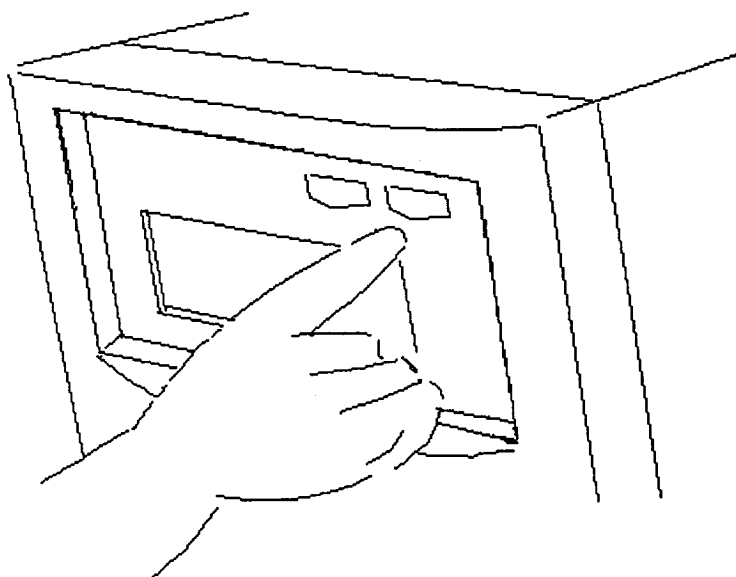


Figure 4-3

# FCC Warning

## Class B Computing Device

### Information to the User

This equipment has been tested and found to comply with the limits for a class B digital device pursuant to part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help and for additional suggestions.

The user may find the following booklet prepared by the Federal Communications Commission helpful: "How to Identify and Resolve Radio-TV interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402, Stock No. 004-000-00345-4.

### FCC Warning

The user is cautioned that changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

NOTE: In order for an installation of this product to maintain compliance with the limits for a Class B device, **shielded** cables must be used.