

## BEFORE YOU START

Although you are anxious to start using your new CT1350 Card, take a few minutes to read the first few pages to prevent problems from arising due to software or hardware conflicts. Also, once you have installed the software, you may want to check the Readme file on the diskette label CT1350 #1 for any last minute changes or corrections not contained in this manual. Type README to view the Readme file.

## IMPORTANT

This manual assumes a certain degree of computer knowledge and understanding of DOS. Refer to your DOS manual for instructions on making backup copies, making or changing to different directories and other operations.

## System Requirements

-IBM XT, AT, 286, 386, 486, PS/2 (model 25/30). Tandy AT (except 100EX/HX) or 100% compatibles.

-Minimum two disk drive systems (Hard disk recommended).

-640K RAM.

-CGA, EGA, or VGA.

## Backup Copies

It is always a good and safe idea to make a backup copy of your original software. If you have not done so, make a backup copy of your CT1350 diskettes before beginning installation. Store your original diskettes in a safe place.

## CT1350 Card Installation

Installing the CT1350 Card in your computer is simple and easy. However, please read and follow the instructions carefully before beginning the installation process.

1. Turn the computer OFF.
2. If you have a card with a joystick port already installed, either remove it or disable the CT1350's joystick port by removing jumper JP8 on the CT1350 card.
3. Remove the cover from computer and install the card into any free slot.
4. Replace the cover.
5. Turn on the computer.
6. Adjust the volume control on the card to mid range.

7. Plug in speakers or headphones.

WARNINGS: The built-in stereo power amplifier has a maximum power output of four watts per channel with eight ohms speakers. Do NOT play at maximum volume if your speaker cannot handle this power.

#### TESTING INSTALLATION

The diagnostic program for CT1350 card, TEST-SBC, is found on the diskette labeled CT1350 Disk #1. This program tests CT1350's basic hardware configuration for base I/O address, interrupt and DMA channel. These settings are jumper selectable.

The program scans the jumper setting to identify the current hardware configuration. Once identified, you can test the voice and music output. The automatic scanning process lets you install the card easily by scanning for the factory defaults and then checking whether the default settings have been changed.

#### TO TEST THE INSTALLATION AND CONFIGURATION:

1. Insert CT1350 Disk #1 into drive A and type TEST-SBC.
2. Press ENTER.
3. Follow the instructions on the screen.

You can also add the /M switch to manually enter the setting.

When using the /M switch, the program will prompt you to select a possible hardware configuration that matches the card's jumper settings. If the test program reports an error on one of the settings, this indicates a hardware conflict between CT1350 and another hardware card.

To resolve the hardware conflicts, you need to change the hardware configuration on either the adapter card or the CT1350 card. We strongly suggest that you avoid changing the factory setting on the CT1350 card since it is downward compatible with previous CT1350 software.

If you do decide to change the hardware configuration on the CT1350 card, please refer to Figure 1. Changing the factory default configuration requires installation or reinstallation of sound drivers. Refer to Setting the Sound Environment and Installing Sound Drivers.

NOTE: There are times when the automatic scanning of hardware configuration process might not work due to possible hardware conflicts with other adapter cards in your system. On some occasions, other adapter cards may use the I/O port, interrupt or DMA channel that are accessed by the test program.

#### SOFTWARE INSTALLATION

Several Software packages are handled with your CT1350 card. They are as follows:

-Talking Parrot.

-FM Intelligent Organ.

-VOX Kit.

-Windows 3.1 DLL and Applications.

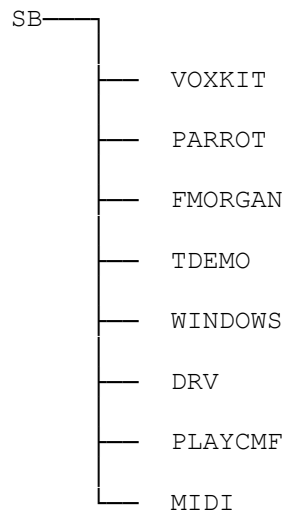
Some of the data files bundled with the CT1350 card are compressed. You have to decompress these files before you can use them. The hard disk installation program, INST-HD, will decompress these files during the process of installation.

TO INSTALL THE SOFTWARE:

1. Insert CT1350 Disk #1 in you floppy drive.
2. Change to the floppy drive prompt (A: or B:) and type INST-HD.
3. Press ENTER.

NOTE: This will install the software on your C: hard disk. If you wish to install it on another hard drive, D: for example, type INST-HD D: and press ENTER.

The program installs CT1350 software under the directory \SB and creates several subdirectories automatically.



#### INSTALLING SOUND DRIVERS

This section is meant for those who have changed the default I/O port address and Interrupt. When hardware configurations are changed, the various drivers must be reinstalled to reflect these changes. This is necessary because applications developed for previous versions of the Audio cards do not support the BLASTER environment string. For these applications you need to install the driver with your new hardware settings.

#### CHANGING BLASTER SETTINGS

If you have changed the hardware configuration of the CT1350 card, use the SET-ENV program found in the \SB directory to identify the new hardware configuration on your card and modify the BLASTER string in your AUTOEXEC.BAT file.

#### THIRD PARTY SOFTWARE

CT1350 is the sound card with the largest library of supporting software and we are constantly introducing new and innovative software.

Music and sound drivers are usually included in third-party software. Just pick the sound or music card from the install menu or from their instructions. The sound or music card is usually one of the following:

-Sound Blaster Card.

-Ad Lib Music Card.

(SMC/all-07/14/94)