

**Chapter 7**

**AUDIO DRIVER**

**1. ICH Audio Driver**

The ICH AC' 97 digital controller provides the next generation of audio performance to the PC market.

**1.1 Features**

- PCI Bus Master for fast DMA.
- Fully Compliant with PC97 Power Management Specification.

**1.2 System Requirements**

This section describes system requirements for the Audio Driver installation and Usage.

<b>Computer</b>	Intel® Celeron™ processor or higher
<b>Operating system</b>	DOS 5.0 or higher, Windows® 95/98, Windows® NT 3.51 or 4.0, or OS/2®
<b>CD-ROM</b>	Double Speed or Higher
<b>Chipset</b>	ICH

## **2. ICH Audio Driver Setup & Usage Procedures**

Insert the CD-title into your CD-ROM drive. This CD will auto-run. This will display installation for VGA driver and sound driver, Intel 810/820 INF Update (only for Windows 95/98) and Trend PC-cillin 98. Just click the button for automatic installation for audio driver.

### **2.1 Windows® 95/98**

If you start Windows® 95/98, this will automatically detect this hardware onboard “PCI Multimedia Audio Device”. You need to click “Next”, then “Finish”. Do not click on the “Cancel”. The driver need these ID.

#### **2.1-1 Audio Driver Installation Procedure:**

**Step 1:** Insert the provided CD\_ROM disk into the CD-ROM drive.

**Step 2:** Look for the CD\_ROM drive, double click on the CD\_ROM icon. This will show the setup screen.

**Step 3:** Click on “Yamaha 752 Sound Drivers” icon.

**Step 4:** This will copy the audio drivers into the hard drive.

**Step 5:** A message will appear stating you must restart the Windows® 95/98 system, select **yes** to restart.

## **2.2 Windows® NT 4.0**

### **2.2-1 Audio Driver Installation Procedure:**

**Step 1:** Insert the provided CD\_ROM disk into the CD-ROM drive.

**Step 2:** Look for the CD\_ROM drive, double click on the CD\_ROM icon. This will show the setup screen.

**Step 3:** Click on “Yamaha 752 Sound Driver” icon.

**Step 4:** This will copy the audio drivers into the hard drive.

**Step 5:** A message will appear stating you must restart the Windows® NT system, select **yes** to restart.

### **3. Yamaha® Audio Driver (optional)**

The YAMAHA® YMF744B PCI audio integrates OPL3, MPU401 MIDI interface and joystick port. This function is suitable for multi-media applications.

#### **3.1 Features**

- Support Sound Blaster game compatibility.
- Support Windows sound system compatibility.
- Full Duplex Operation.
- Support Software Wave Table

#### **3.2 System Requirements**

This section describes system requirements for the Audio Driver installation and Usage.

<b>Computer</b>	Intel® Pentium® II/Celeron™ processor or higher
<b>Operating system</b>	DOS 5.0 or higher, Windows® 95/98, Windows® NT 3.51 or 4.0, or OS/2®
<b>CD-ROM</b>	Double Speed or Higher
<b>Chipset</b>	YAMAHA YMF744B

## **4. Yamaha® Audio Driver Setup (optional)**

Insert the CD-title into your CD-ROM drive. This CD will auto-run. This will display installation for VGA driver and sound driver. Also included are Intel® PIIX4E patch for Windows® 95, Trend PC-cillin 98 and Bus Master driver. Just click the button for automatic installation for sound driver.

### **4.1 Windows® 95/98**

#### **4.1-1 Audio Driver Installation Procedure:**

- Step 1:** Insert the provided CD\_ROM disk into the CD-ROM drive.
- Step 2:** Look for the CD\_ROM drive, double click on the CD\_ROM icon. This will show the setup screen.
- Step 3:** Click on “Device Driver” icon.
- Step 4:** This will copy the audio drivers into the hard drive.
- Step 5:** A message will appear stating you must restart the Windows® 95/98 system, select **yes** to restart.

#### **4.1-2 Windows® 95/98 Application:**

- Step 1:** Insert the provided CD\_ROM disk into the CD-ROM drive.
- Step 2:** Look for the CD\_ROM drive, double click on the CD\_ROM icon. This will show the setup screen.
- Step 3:** Click on “YAMAHA YSTATION” icon.
- Step 4:** Follow the setup procedures.
- Step 5:** A message will appear stating you must restart the Windows® 95/98 system, select **yes** to restart.

**4.1-3 YAMAHA XG Wavetable Installation**

**Step 1:** Insert the provided CD\_ROM disk into the CD-ROM drive.

**Step 2:** Look for the CD\_ROM drive, double click on the CD\_ROM icon. This will show the setup screen.

**Step 3:** Click on “YAMAHA XG Studio” icon.

**Step 4:** Follow the setup procedures.

**Step 5:** A message will appear stating you must restart the Windows® 95/98 system, select **yes** to restart.

## **4.2 Windows® NT 4.0**

### **4.2-1 Audio Driver Installation Procedure:**

**Step 1:** Click **Start** menu and select **Control Panel** from **Settings** group.

**Step 2:** Select **Multimedia** icon.

**Step 3:** Click on the **Devices** tab.

**Step 4:** Click **Add**.

**Step 5:** Double click on **Unlisted or Updated Driver** in the list.

**Step 6:** Insert the **CD-ROM Disk** into the CD-ROM Drive.

**Step 7:** When the Install from Disk dialog box appears, look for your CD-ROM drive :**\\SOUND\\YAMAHA\\YMF744\\NT40\\**

**Step 8:** Click **OK**.

**Step 9:** Select the language of the driver.

**Step 10:** Click **OK**.

**Step 11:** Set parameters.

**Step 12:** A message will appear stating that the drivers were successfully installed. Click **OK**. You must now restart Windows® NT 4.0.