Media 1000 Product Guide

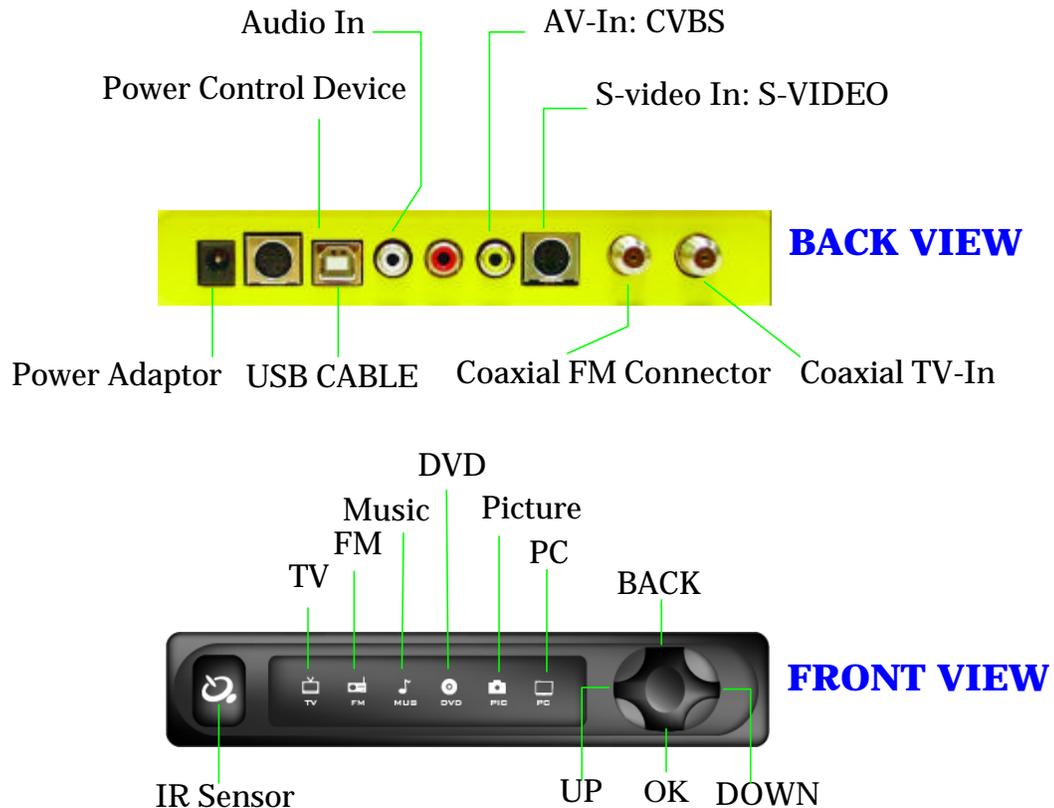**Agenda**

Media 1000 Product Guide

Chapter 1 Media 1000
1.1. Introduction

Media 1000 is a media center integrated with hardware image compression featuring the playback and recording functions of TV, DVD, Music, FM and Picture. It is also integrated with IR Remote Control to provide user with a user-friendly operation interface. With a handy Remote Controller, user will comfortably enjoy this Media Center. More important, the Remote Control also supports a very simple one press-switch from Media Center to PC. Thus, once you plug Media 1000 into your PC system, your PC will upgrade to a powerful computer as well as an awesome multi-media center.

1.2. Specifications
  1.2.1. Hardware Layout

Media 1000 Product Guide

1.2.2. Media 1000 Connectors Configuration
• FM Connector :   Radio-In via coaxial antenna
• TV Connector :   TV-In via coaxial antenna
• Audio-In Connector :   Audio-In via audio Jack
• S-video In Connector: S-video Input via video Jack
• AV-In Connector: Video (composite) input via video Jack
• USB Connector: USB 2.0 to PC/Notebook USB 2.0 port
• Power Input connector: 12V power voltage input
• Power Control connector: Power on/off PC via Power control device

1.2.3. Media 1000 and PC/Notebook System Requirement
• CPU: Intel Pentium III 886 Mhz and above (for Time Shifting, Pentium4 2.4Ghz and above is recommended)
• System Memory: At least 128MB (256MB recommended)
• Graphic Chip: 16MB buffer and above
• Sound Chip: AC97 compliant audio codec
• USB :   Supporting USB 2.0 (strong recommended)
• Operating System: Windows 2000/SP4 or Windows XP/SP1 and above with DirectX 9.0 and Media Player 9.0 for optimum performance.
• CD-ROM Drive: For driver installation

Media 1000 Product Guide

1.3. Media 1000 Features

• Integration of Media Center and PC/Notebook:

  -- Media 1000 is an integration of Media Center and PC/Notebook ;

  -- Hardware Image Compression integrated, providing high recording performance;

  -- Swift One-press-switch between PC and Media Center;

• Integration of Video and Audio Center into Media Center:

  -- TV Broadcast, DVD/V8/CCD/Picture Playback

  -- Real Time Recording of TV Broadcast

  -- Schedule Recording of TV Broadcast

  -- Time Shifting of TV Broadcast

  -- FM Broadcast/Recording

  -- Music Playback

• RTOS (Real Time Operating System)

  -- Embedded in hardware: Real Time switch between PC and Media Full control of PC boot

  -- Chinese/English OSD operation guide Display

  -- IR Remote Control, synchronous with keyboard /Mouse

  -- Synchronous Windows system diagnosis and maintenance

• Instant-On function:

  -- Supporting Suspend mode, compliant with IA-like design

Media 1000 Product Guide

1.4. Remote Controller

* You can enjoy all functions only use Up/Down/Left/Right/Ok/Back.

* You can back to main menu anytime & anywhere when you push [Menu] bottom?

Media 1000 Product Guide

Media 1000 Product Guide

Chapter 2 Media 1000 Setup

Power   USB   Composite   S-video   FM   TV
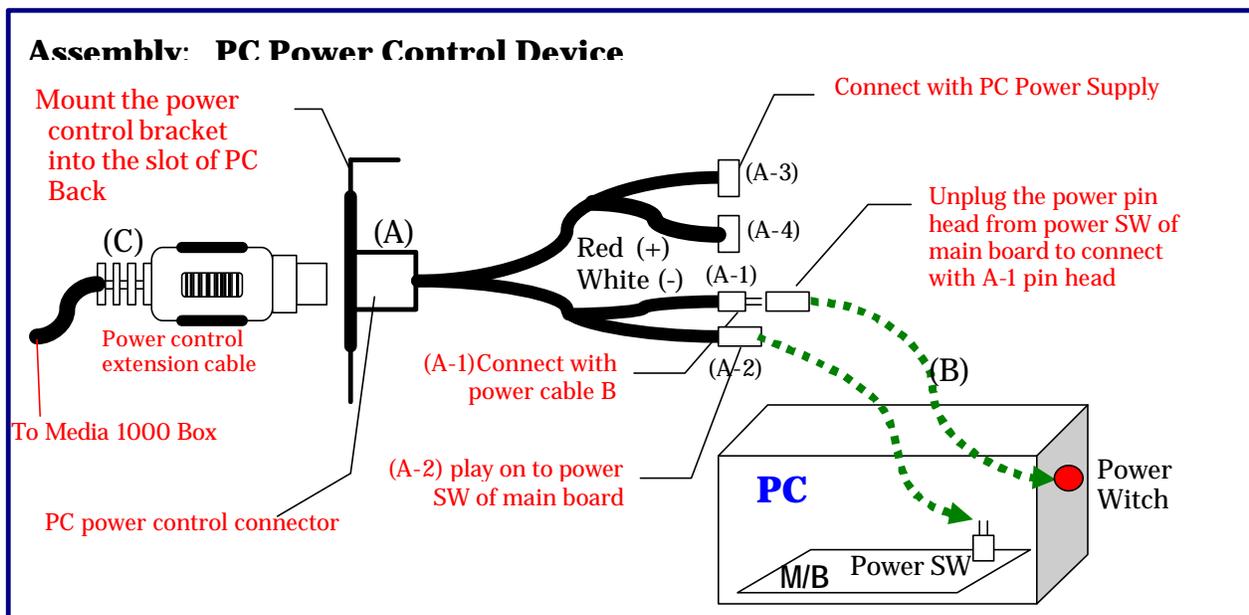
PC power control device

Media 1000 Product Guide

Media 1000 Advance Application:
Control PC Power by remote controller (S3 suspend Mode needed to be supported in Main board).

- To setup S3 Mode (suspend to RAM) in BIOS is as following: BIOS/Power Management setup/ACPI suspend Type.

- If the fan of CPU is still working after power off by remote controller, it means S3 mode is not supported in this BIOS.

Assembly: **PC Power Control Device**

Connect with PC Power Supply

Mount the power control bracket into the slot of PC Back

(C)

(A)

(A-3)

(A-4)

Red (+)
White (-)   (A-1)

Unplug the power pin head from power SW of main board to connect with A-1 pin head

Power control extension cable

(A-1)Connect with power cable B

(A-2)

(B)

To Media 1000 Box

PC

Power Witch

(A-2) play on to power SW of main board

PC power control connector

M/B   Power SW

STEP1:   Mount the PC Power Control Device onto the slot of PC Back?

STEP2:   Unplug the power pin need from power SW of main board to connect with (A-1) pin head?

STEP3:   Plug (A-2) pin onto the POWER SWITH of main board?

STEP4:   Connect A-3 with PC Power Supply?

STEP5:   Plug the Power Control extension Cable (C) onto the PC power control connecter (A)？

Media 1000 Product Guide

Chapter 3 Software Setup
3.1. Operating System Requirement
      ✓Windows 2000/SP4 or Windows XP/SP1 and above
      ✓DirectX 9.0
      ✓Media Player 9.0 (Free download from Microsoft's web site)
      We strongly recommend you to upgrade your Windows and Media Player 9.0 to latest version via Windows update function.
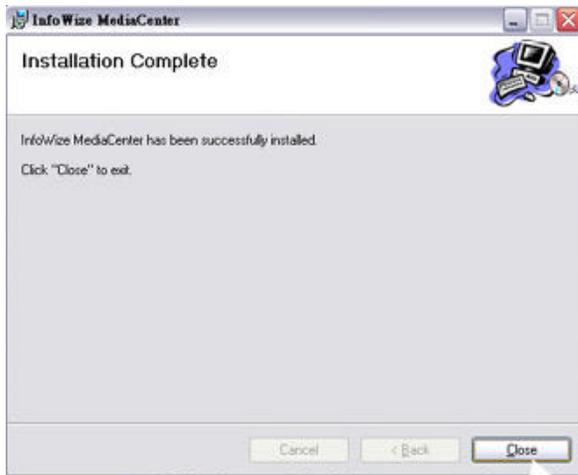
3.2. Install Media Center Driver

1. Media Center installation program has integrated DirectX 9 setup procedure. It's very easy for user to install AP and driver to Windows environment. Just insert the Media Center CD into DVD/VCD drive and the Media Center Setup menu will pop up for your selection automatically. Of course, you may explore the CD and double click the file, launch.exe , you will get the same screen as below.

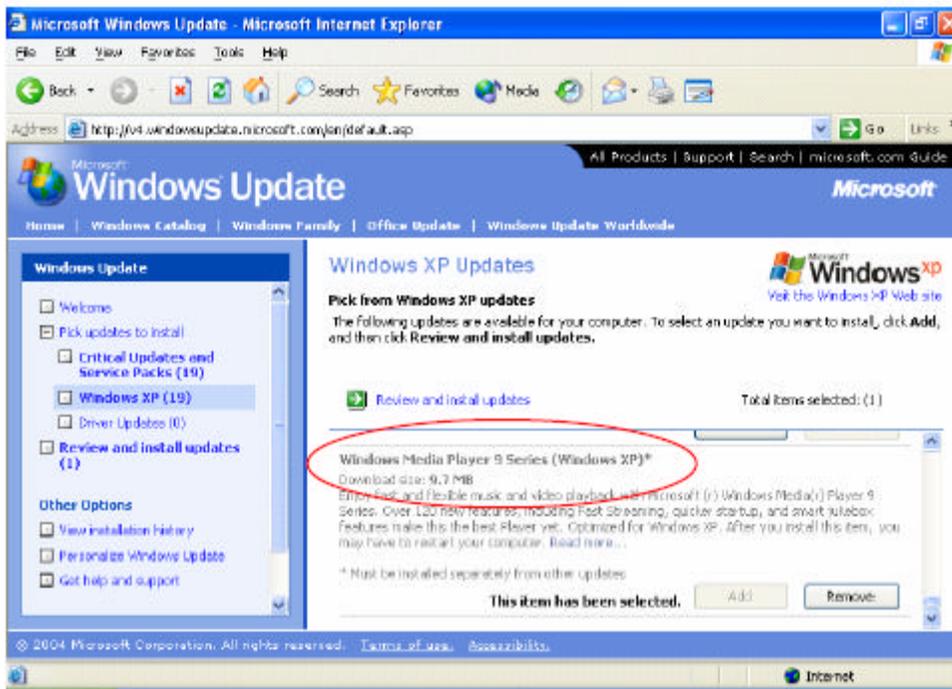   Click Media Center Setup to continue.

2. In a few seconds, Media Center Setup completes.
   Click Close to exit.

Media 1000 Product Guide

3. Media Center requires the Media Player 9 to support its full performance. If the Setup Program does not detect Media Player 9 in system, a window will pop up to initiate the Media Player update with the Internet Explorer.

4. If your system has already connected to Internet, the Setup Program will get on connecting to Microsoft Windows Update. Follow the instructions on the Windows Update website and install the Windows Media Player 9 Series Update for your system.

5. As soon as the Media Player 9 has been successfully updated into system, restart your system to get the whole driver and utility setup into effect.

Media 1000 Product Guide

6. After Media Player 9 has been detected in system, the Media Center Utility screen as below will show up on screen for user's selection.

Media Center Setup is complete now.

7. To verify the complete setup of Media Center in PC system, press PC button on the Remote Controller or use Mouse to click PC icon on the screen to switch to PC mode and locate the Media Center icon on the Desktop screen. You can now click on the Media Center icon to switch back to Media Center mode.
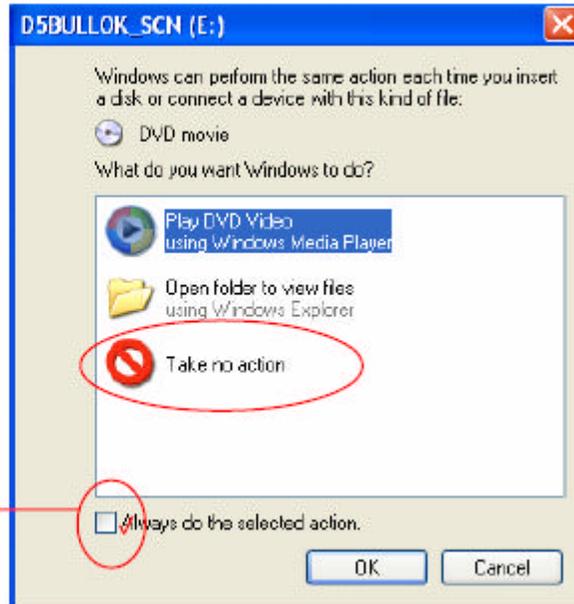

Congratulations! Media Center is successfully set up in your system.

Note on DVD Playback:
After Media Center Setup, the following screen may appear for setting up the DVD playback. Please choose Take no Action and tick the Always do the selected action to set up the direct DVD playback whenever you insert a DVD into the DVD drive.

Media 1000 Product Guide

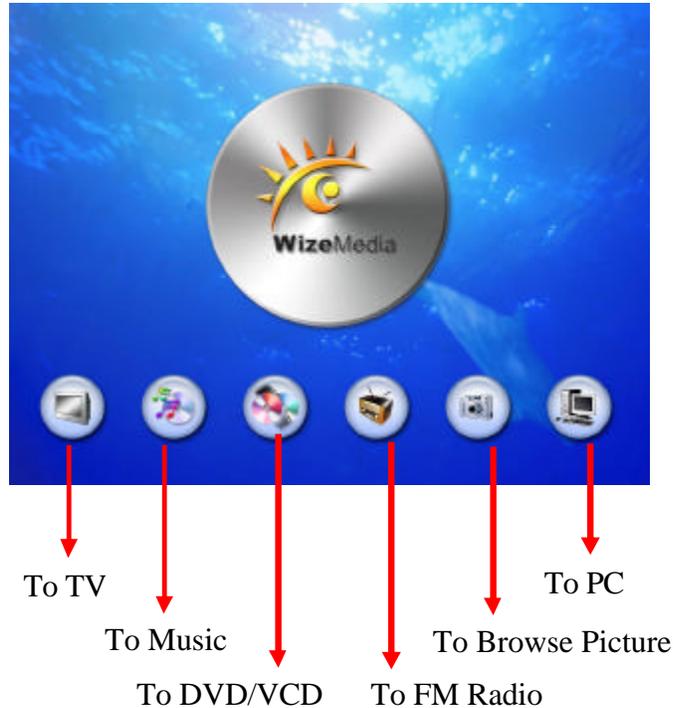Enable this option to play DVD directly whenever you insert DVD into DVD drive

Media 1000 Product Guide

Chapter 4 Media Center
4.1. Media Selector Screen

After you have completed Media 1000 Hardware setup and WizeMedia Center Utility setup, start your system now to start Media Center.

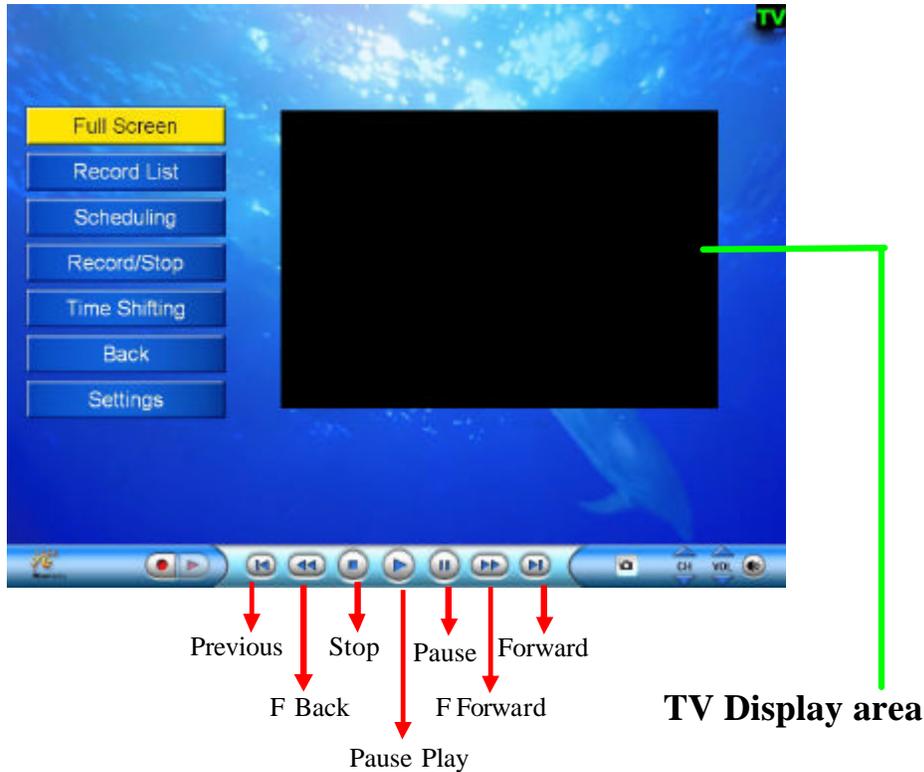The following first Selector screen will display on your PC monitor.

To TV

To Music

To DVD/VCD

To FM Radio

To Browse Picture

To PC

Press the TV/DVD/PC/Music/FM/Picture button of the Remote Controller to enter respective mode.

Media 1000 Product Guide

4.2. To Turn On TV

To turn on TV, click on the TV icon on the Media Center Selector screen with the PC Mouse, or press TV button on the Remote Controller.

Previous   Stop   Pause   Forward

F Back   F Forward   **TV Display area**

Pause Play

Press Up/Down/Left/Right Arrow Head to select menu option.

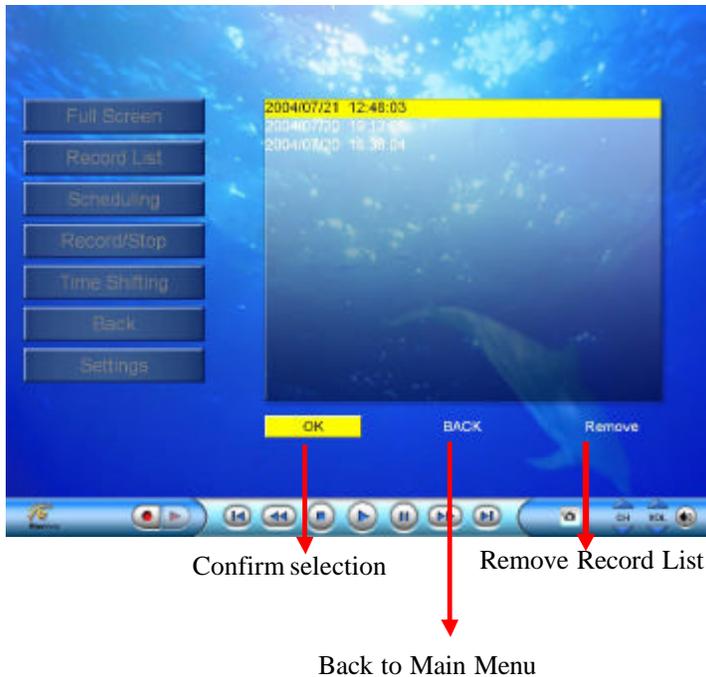Press TIMESHIFT hot key of remote controller to trigger <u>Time Shifting</u> function directly.

Press ● hot key of remote controller to trigger <u>Record/Stop</u> function directly.

Press SETTING hot key of remote controller to trigger <u>Settings</u> function directly.
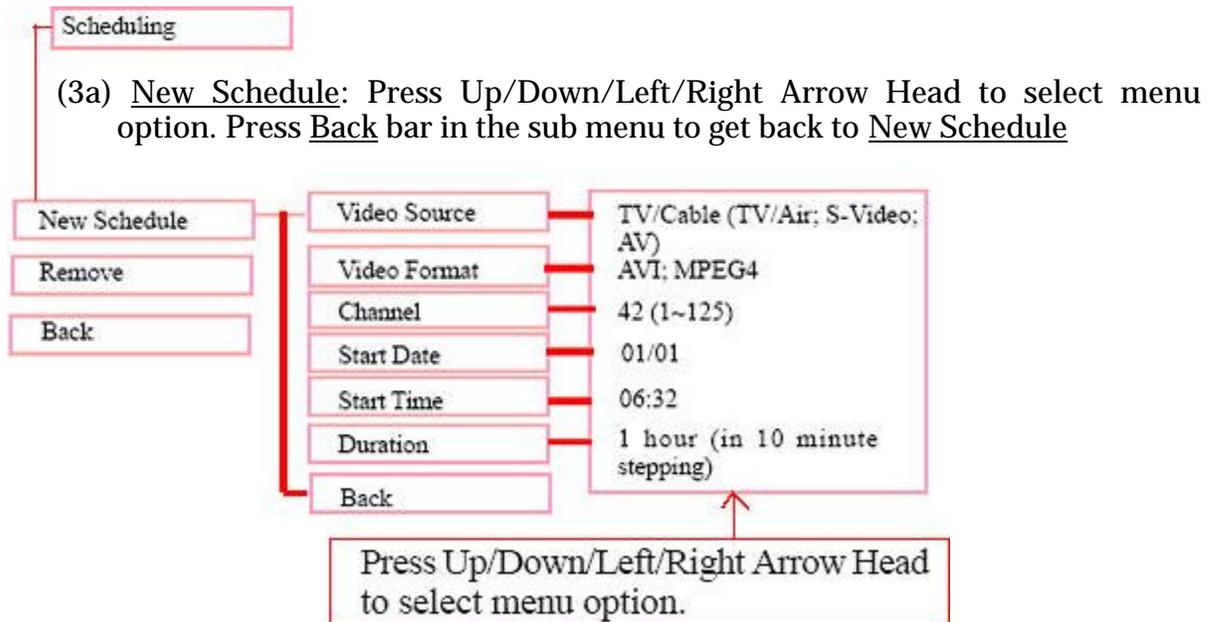
You can press CAPTURE hot key of remote controller to capture TV screen and paste them into <u>My Picture</u> mode

Media 1000 Product Guide

(1) Select Full Screen button on the screen (or press OK button on the Remote Controller) to let TV display in full screen;
(2) Select Record List to choice a recorded program for playback. Press Arrow buttons on R. C. (Remote Controller) to get back or forth of the Record List.)

Confirm selection   Remove Record List

Back to Main Menu

(3) Select Scheduling to set New schedule for TV Program recording. In the time of scheduling, you can still use PC, Music and Picture functions at the same time.

(3a) New Schedule: Press Up/Down/Left/Right Arrow Head to select menu option. Press Back bar in the sub menu to get back to New Schedule

Media 1000 Product Guide

(3b) <u>Remove</u>: Select <u>Remove</u> to remove all changes or new schedule.
(3c) <u>Back</u>: Select <u>Back</u> to get back to TV main Menu

(4) Select <u>Record /Stop</u> to start recording TV program or stop.

Record/Stop

(4a) Selecting <u>Record/Stop</u>, press OK button on R.C. to start instant recording program.
(4b) When recording, you can also switch to full screen.

(5) Select <u>Time Shifting</u> (by Mouse or Remote Controller) to start Time Shifting function during TV playback.
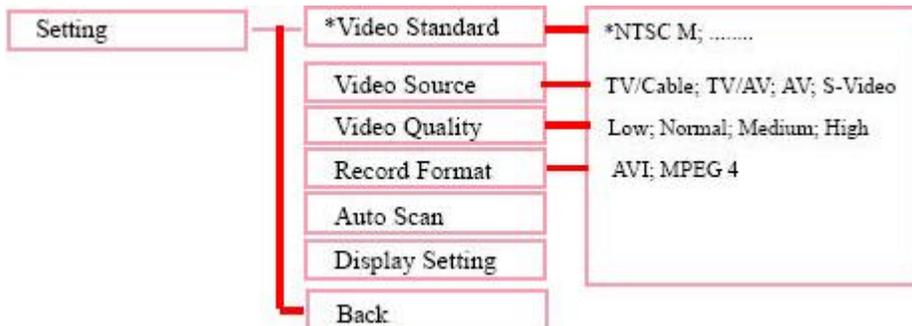
Time Shifting — Select Time Shifting to stop TV playback and enable Time Shifting. To resume TV playback from where you stop, press Time Shifting ones again.

(5a) We strongly recommend the longest time shifting duration is less than 15 minutes. More than that, please use <u>Record/Stop</u> function.
(5b) When selecting <u>Time Shifting</u>, on the upper left corner of the screen appears the "Time Shifting 00: 00" display to count the shifting time.
(5c) To get back to playback, press OK button on the R.C.

(6) Select <u>Back</u> to return to previous state or menu.

Back

(7) Select <u>Setting</u> to edit the TV Playback setting.

Setting
- *Video Standard — *NTSC M; ....
- Video Source — TV/Cable; TV/AV; AV; S-Video
- Video Quality — Low; Normal; Medium; High
- Record Format — AVI; MPEG 4
- Auto Scan
- Display Setting
- Back

Media 1000 Product Guide

Please use the Up and down Arrow buttons to choose the item you want.

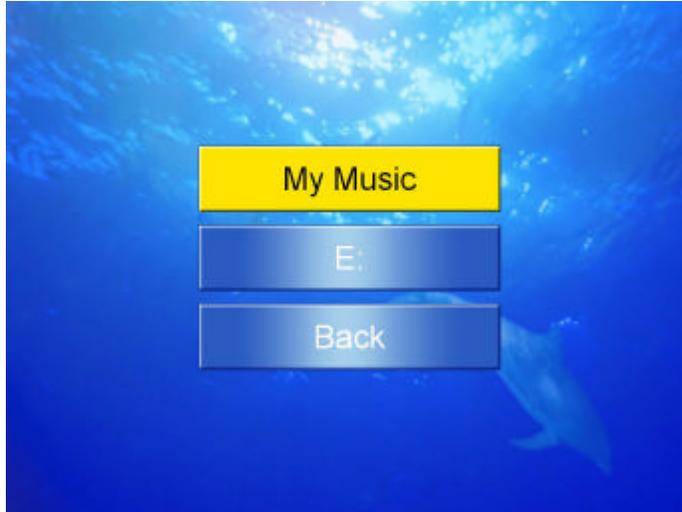*Video Standard: Press <u>Video Standard</u> to provide the following TV mode choices:

(Please refer to Appendix III for various Country-TV Support.)

NTSC_M/J; PAL_B/D/I/M/N; SECAM_B/D/G/K/L

Media 1000 Product Guide

4.3. To Turn On Music

To turn on Music mode, click on the <u>Music</u> icon on the Media Center Selector screen with the PC Mouse, or press MUSIC button on the Remote Controller.
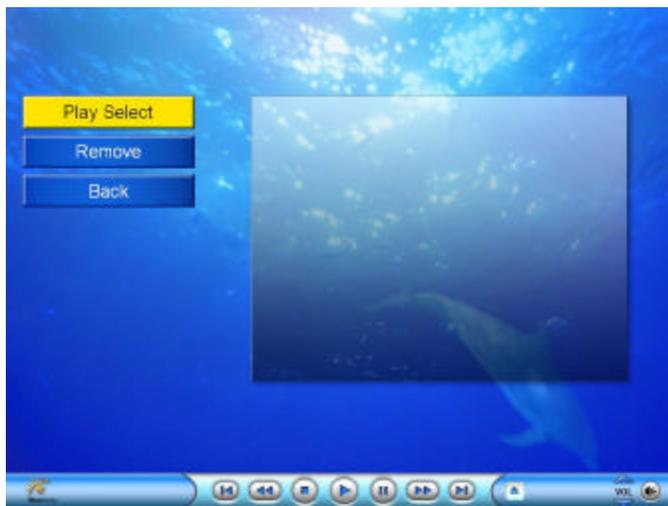

Select <u>My Music</u> or <u>E:</u>(optical drive) to play music track from the Music List.
Press <u>Back</u> to return to the Music Main Menu.
(Please note that MP3 CD is supported in Music mode and DVD/ VCD mode to play MP3 CD.)
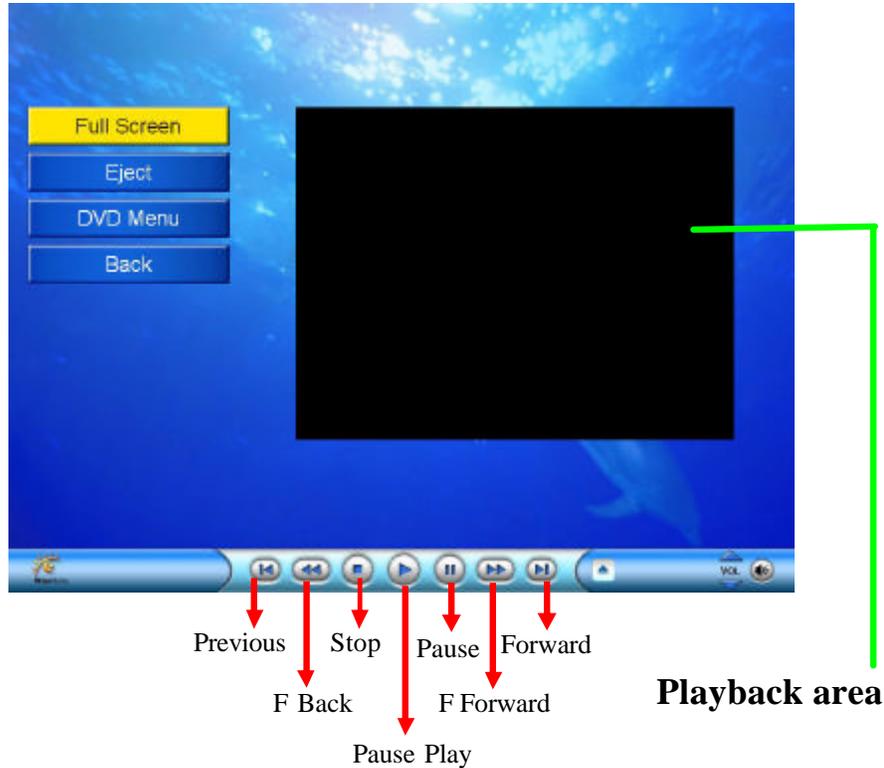
Note: <u>My Music</u> is mapped with those music files stored on "My Document\My Music*.* " of Windows file system. Of course, you may have sub-folders under this default folder.

Media 1000 Product Guide

4.4. To Play DVD/VCD
Click on the <u>DVD</u> icon on the Media Center Selector screen, or press DVD button on the Remote Controller.

Previous   Stop   Pause   Forward

F Back   F Forward   **Playback area**

Pause Play
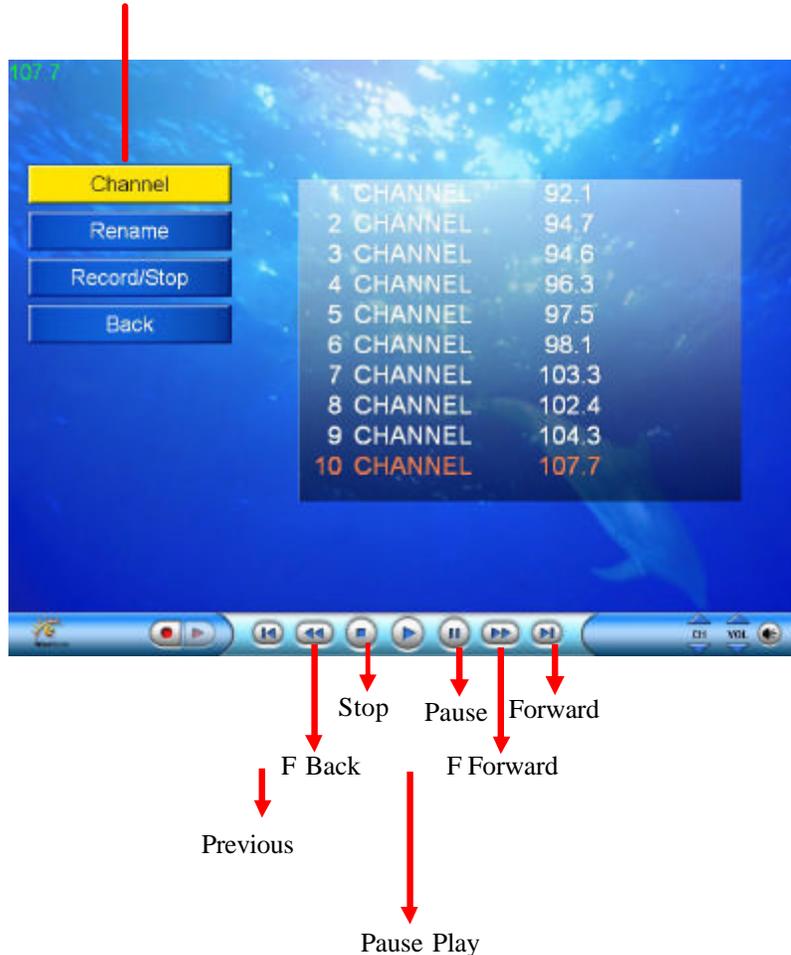
(1) Select <u>Full Screen</u> button on the screen to let display turn in full screen. (MP3 CD is also supported here.)
(2) Select <u>Eject</u> to eject DVD/VCD, select the button again to close the DVD drive.
(3) Select <u>DVD Menu</u> to display the DVD/VCD contents. (If PC windows shows up during VCD playback, please use Mouse to close down and VCD playback will continue.)
(4) Select <u>Back</u> to return to Media Center Selector screen.
(5) You can always press OK button on R.C. to confirm your selection.
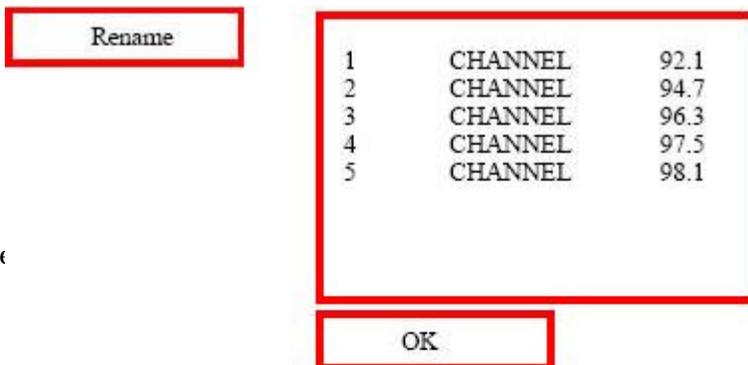
Media 1000 Product Guide

4.5. To Turn ON FM

To turn on FM radio, click on the <u>FM</u> icon on the Media Center Selector screen with the PC Mouse, or press FM button on the Remote Controller.

(1) Select Channel field and press the CH+/- button on the Remote Controller to select channel. You can also press the Digit keys on the Remote Controller to set up channels.
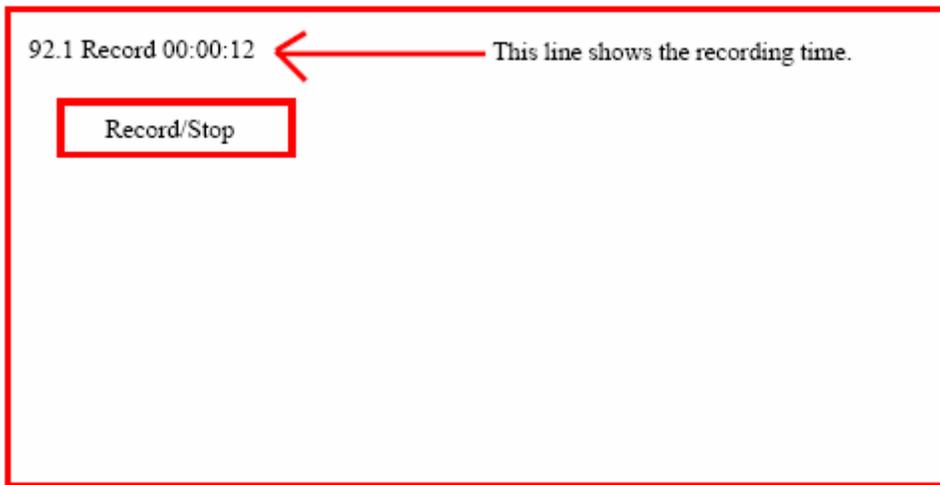

Stop   Pause Forward

F Back   F Forward

Previous

Pause Play

(2) In <u>Rename</u> field, you can use keyboard to rename the channels. Press OK button to confirm rename.

Media 1000 Product Guide

(3) Press ⬤ button to start recording FM signals into hard disk in MP3 format. Press ⬤ button again to stop recording. The recorded file will be saved in My Music folder.
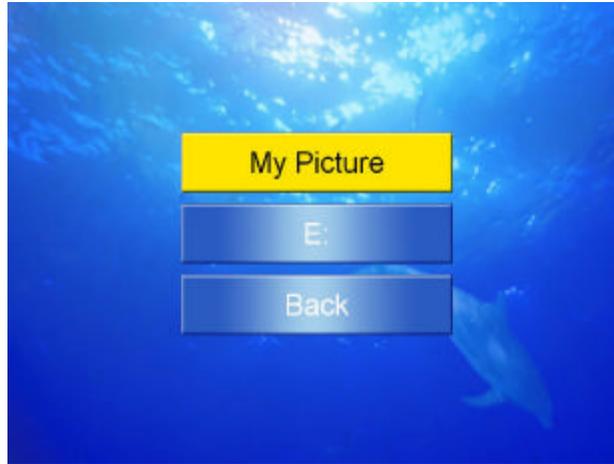
92.1 Record 00:00:12 ← This line shows the recording time.

Record/Stop

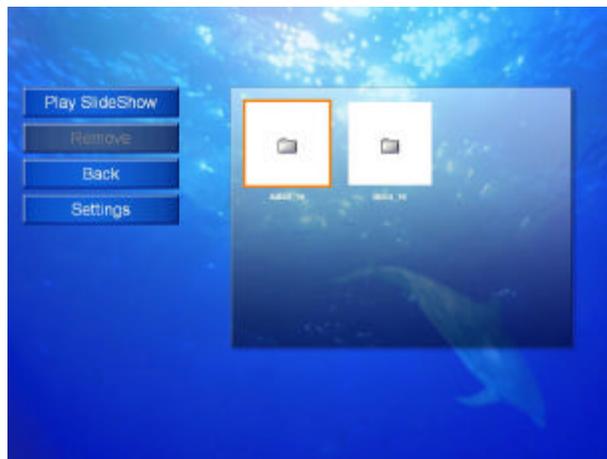4) Press <u>Back</u> button on the Remote Controller to return to the Main Selector screen.
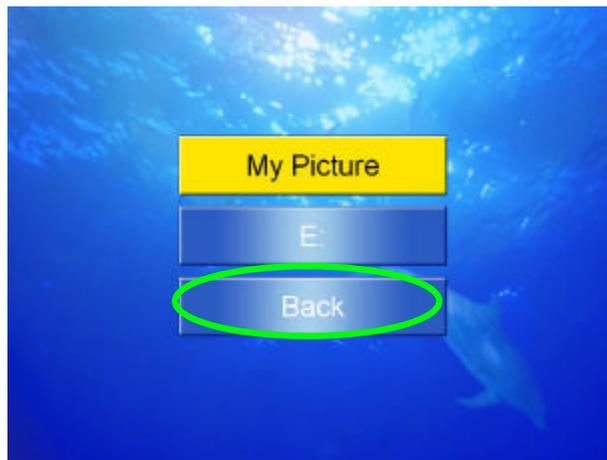
Media 1000 Product Guide

4.6. To Turn On Picture
To turn on Picture mode, click on the Picture icon on the Media Center Selector screen
with the PC Mouse, or press PICTURE button on the Remote Controller.

(1) Select My Picture to display Slide Show or select the Slide lists.

(2) Select E: to display pictures from optical drive.

Media 1000 Product Guide

4.7. To Turn On PC from Media Center
To turn on PC mode, click on the <u>PC</u> icon on the Media Center Selector screen with the PC Mouse, or press PC button on the Remote Controller.

PC

To return to Media Center Selector screen, press MENU on the Remote Controller; or you can press Ctrl+1 ~ Ctrl+6 keys on the PC keyboard or double click the <u>Media Center</u> icon as below by Mouse to return to Media Center; or you can press TV / FM / DVD / MUS / PIC hot key to directly trigger media source you want.

MediaCenter

Media 1000 Product Guide

Appendixes
Appendix I: Remote Controller & Corresponding KB Hot-Keys

<u>Remote Controller Button</u>   <u>Corresponding Hot Key on Keyboard</u>

Remote Controller Button	Corresponding Hot Key on Keyboard
Power	**(Not available)**
Digit 1	**Digit 1 on Keyboard**
Digit 2	**Digit 2 on Keyboard**
Digit 3	**Digit 3 on Keyboard**
Digit 4	**Digit 4 on Keyboard**
Digit 5	**Digit 5 on Keyboard**
Digit 6	**Digit 6 on Keyboard**
Digit 7	**Digit 7 on Keyboard**
Digit 8	**Digit 8 on Keyboard**
Digit 9	**Digit 9 on Keyboard**
Digit 0	**Digit 0 on Keyboard**
TV	**Ctrl + 1**
Music	**Ctrl + 2**
DVD	**Ctrl + 3**
FM	**Ctrl + 4**
Picture	**Ctrl + 5**
PC	**Ctrl + 6**
Back	**Backspace**
OK	**Enter**

△ / ▽ / ▷ / ◁ ——— ↑ / ↓ / → / ←

Media 1000 Product Guide

Appendix II: FAQ on System with Media 1000

(1) The system cannot enter Suspend mode after I have powered off system with Power Button.

Ans. First check and make sure that "ACPI Suspend Type" of "Power Management" in BIOS Setup is set at "S3(Suspend to RAM). Then, make sure that in your system, the Suspend mode in Control Panel / Power Options/Suspend is enabled.

(2) The Power button on Remote Controller does not respond.

Ans. Please check and make sure the Media 1000 is connected properly to Motherboard Power Switch.

(3) TV broadcast is not normal.

Ans. Please check and make sure Windows DirectX is already updated to V9.0 or above in your system.

(4) TV screen is not smooth

Ans. Please check and make sure that your system supports the USB 2.0 interface or the USB 2.0 driver has been installed into your system.

(5) TV / FM Broadcast is not available.

Ans. Please check and make sure that the TV/FM antenna is set up properly. Please check that in " TV setting", "Video Standard" and the "Video Source" is set up properly. Making sure everything is set up properly, please restart system and turn on TV/FM.

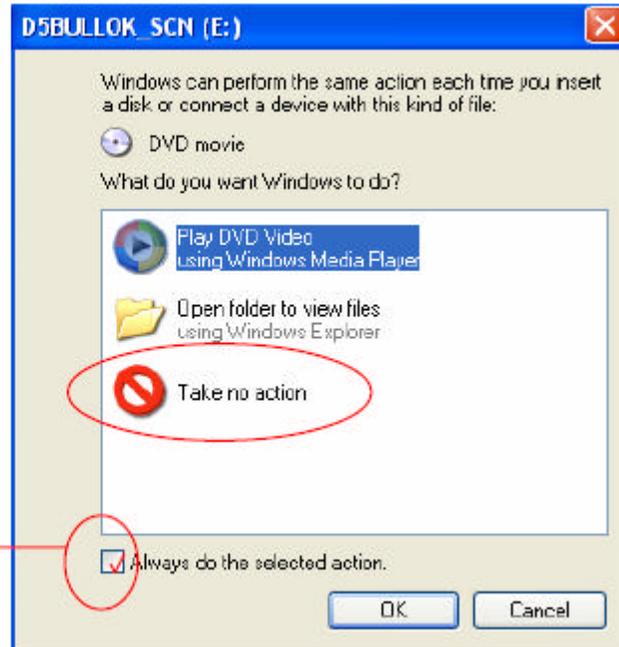(6) DVD broadcast is not available / not normal.

Ans. Please check and make sure that you have installed DVDROM drive and driver/Utility into your system. If DVD driver is not available, please contact the DVD vender.

(7) I do not know how to set up DVD auto-run.

Ans. When a DVD-ROM is inserted into the DVD drive, the following dialog display will appear on screen. Please choose "Take no Action" (that means, take no action to the Music files, Pictures, Video files, Mixed content, Music CD and DVD etc) and tick the "Always do the selected action" to set up the direct DVD playback whenever you insert a DVD into the DVD drive. Or, in your system, you can right click your mouse on the DVD drive icon and then choose Properties to set up the Auto-play.

Media 1000 Product Guide

Enable this option to play DVD directly whenever you insert DVD into DVD drive

(8) When turning on Media Center, " USB Unplugged" appears.

Ans. Please check and make sure that USB 2.0 is set up properly. If USB 2.0 is already set up in system, click " Yes" on the screen and make sure that USB supports 5V-SB.

(9) VCD playback is not normal.

Ans. Please check and make sure that Media Player utility V9.0 is installed in system. If V9.0 is not available, please visit Microsoft website to update or download a latest version. During VCD playback, if Windows screen will pop out suddenly, click on it with mouse to make the screen exit.

Media 1000 Product Guide

(10) When entering DVD/Video mode to play DVD/Video, the CD Properties window will always appears. How can this window be skipped away so as to play DVD/Video directly?

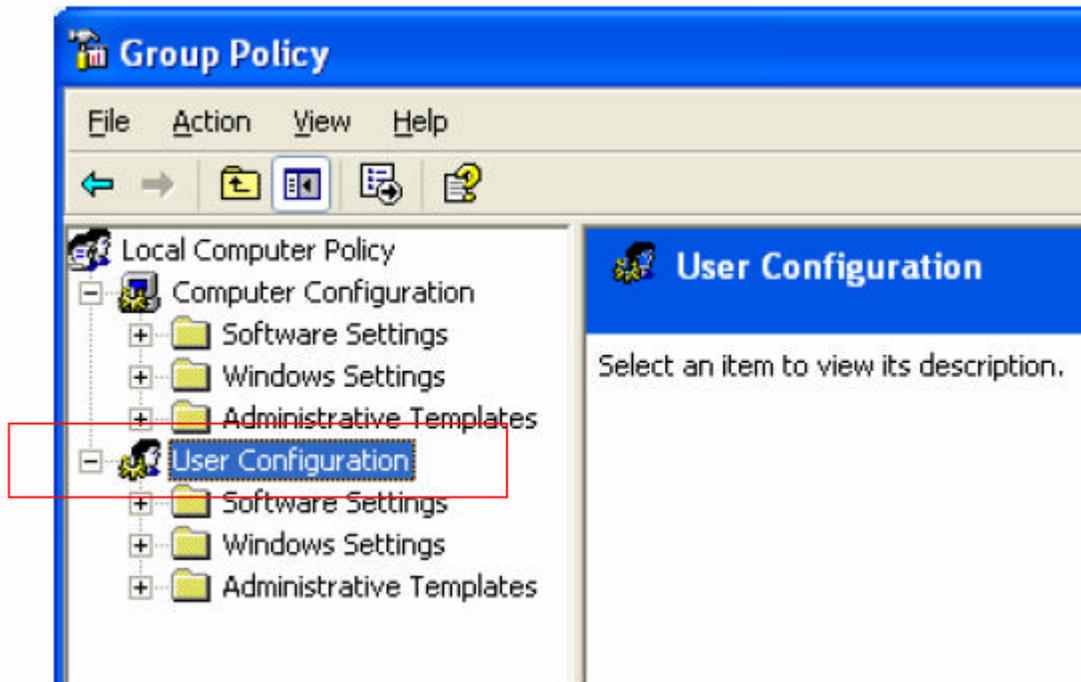Ans.: To skip this CD Properties window, please take the following steps:

   (A) On the desktop of Windows XP, Click on this path: Start / Run /

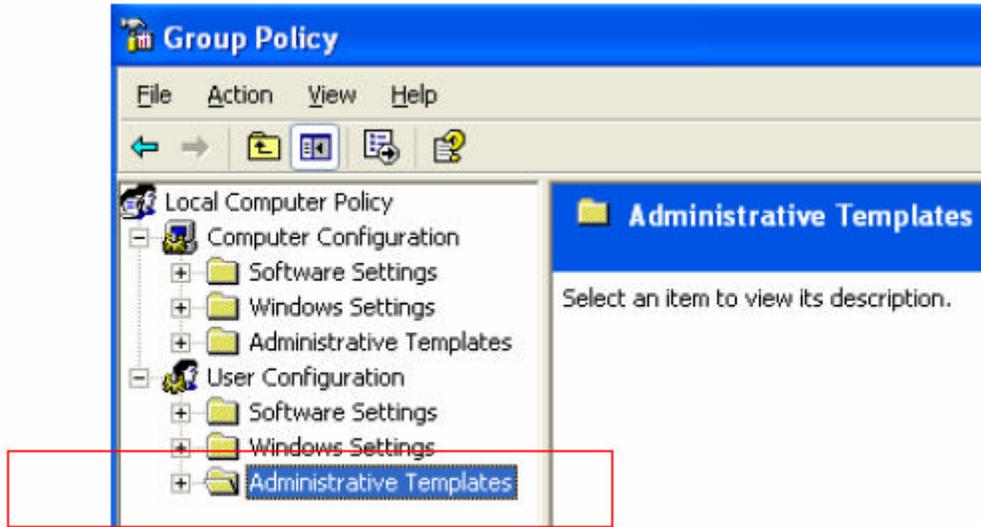   (B) Then on the Run window, key in :

   gpedit.msc

   and clik on "OK" to execute this program.

   (C) The following "Group Policy" screen will appear at once. Click on "User Configuration" now.

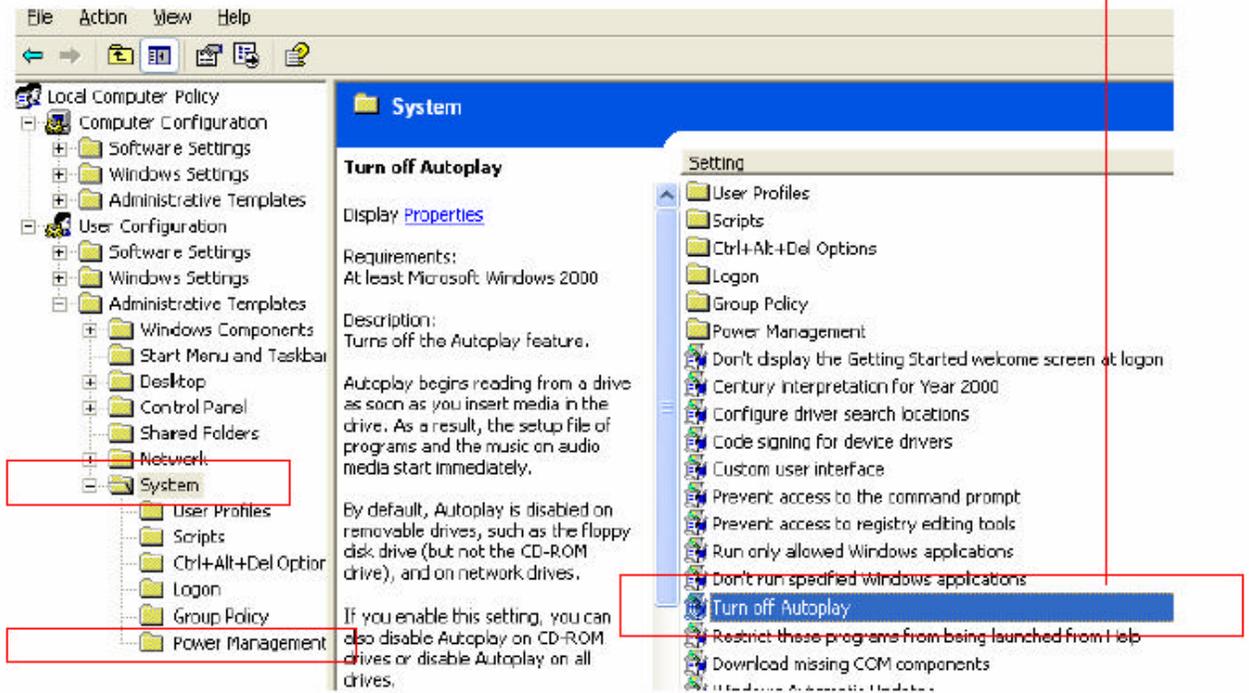

   (D) Then click on "Administrative Templates".
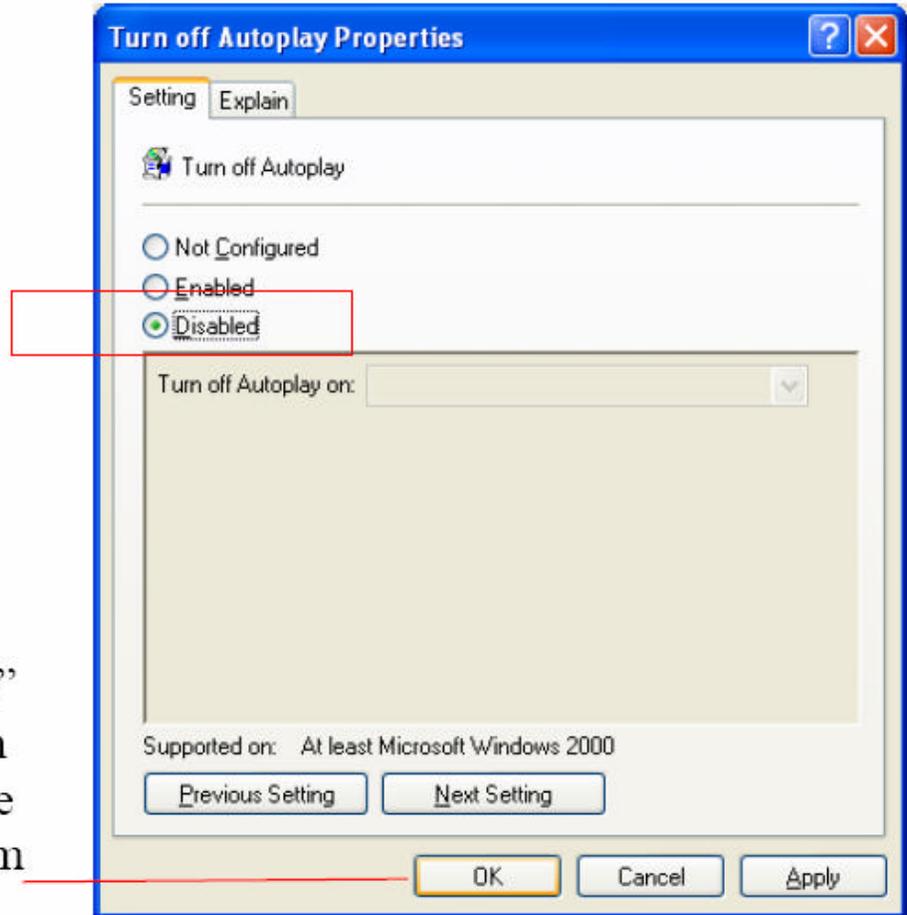
Media 1000 Product Guide

(E) Then Click on

"System/Power Management/Turn Off Auto-play"

(F) Instantly, the Turn Off Autoplay screen appears for your setup. Choose "Disabled" and then click on "OK" to complete the setup.

Media 1000 Product Guide

Choose "Diabled" and then click on "OK" to complete the setup. Problem is solved now.

Media 1000 Product Guide

Appendix III: TV Tuner Standard over the World

Country	Video Standard
Argentina	PAL_N
Australia	PAL_B
Austria	PAL_B
Bangladesh	PAL_B
Belgium	PAL_B
Belize	NTSC_M
Bolivia	PAL_N
Brazil	PAL_M
Cambodia	PAL_B
Cameroon	PAL_B
Canada	NTSC_M
Chad	PAL_B
Chile	NTSC_M
China	PAL_D
Colombia	NTSC_M
Croatia	PAL_B
Cuba	NTSC_M
Cyprus	PAL_B
Czech Republic	PAL_D
Denmark	PAL_B
Dominica	NTSC_M
Dominican Republic	NTSC_M
Ecuador	NTSC_M
Egypt	SECAM_B
Ethiopia	PAL_B
Fiji Islands	NTSC_M
Finland	PAL_B
France	SECAM_L
Germany	PAL_B
Ghana	PAL_B
Gibraltar	PAL_B
Greece	PAL/SECAM_B
Haiti	NTSC_M
Honduras	NTSC_M
Hong Kong SAR	PAL_I

Country	Video Standard
Hungary	SECAM_D/ PAL_D
Iceland	PAL_B
India	PAL_B
Indonesia	PAL_B
Iran	SECAM_B
Iraq	SECAM_B
Ireland	PAL_I
Israel	PAL_B
Italy	PAL_B
Jamaica	NTSC_M
Japan	NTSC_M_J
Jordan	PAL_B
Kazakhstan	SECAM_D
Kenya	PAL_B
Korea (South)	NTSC_M
Kuwait	PAL_B
Laos	PAL_B
Latvia	SECAM_D
Lebanon	SECAM_B
Liberia	PAL_B
Liechtenstein	PAL_B
Lithuania	PAL_B
Luxembourg	PAL_B
Malaysia	PAL_B
Maldives	PAL_B
Malta	PAL_B
Mexico	NTSC_M
Monaco	SECAM_G
Mongolia	SECAM_D
Morocco	SECAM_B
Mozambique	PAL_B
Myanmar	NTSC_M
Nepal	PAL_B
Netherlands	PAL_B
New Zealand	PAL_B
Nigeria	PAL_B

Media 1000 Product Guide

Norway	PAL_B
Oman	PAL_B
Pakistan	PAL_B
Palau	NTSC_M
Panama	NTSC_M
Paraguay	PAL_N
Peru	NTSC_M
Philippines	NTSC_M
Poland	PAL_B/ PAL_D
Portugal	PAL_B
Qatar	PAL_B
Romania	PAL_D
Russia	SECAM_D
Saudi Arabia	SECAM_B
Singapore	PAL_B
Slovak Republic	PAL_B
Slovenia	PAL_B
South Africa	PAL_I
Spain	PAL_B
Sri Lanka	PAL_B
Sudan	PAL_B
Swaziland	PAL_B
Sweden	PAL_B
Switzerland	PAL_B
Taiwan	NTSC_M
Thailand	PAL_B
Turkey	PAL_B
Ukraine	SECAM_D
United Arab Emirates	PAL_B
United Kingdom	PAL_I
United States of America	NTSC_M
Vatican City	PAL_B
Vietnam	NTSC_M
Yemen	PAL_B