Copyright

This publication, including all photographs, illustrations and software, is protected under international copyright laws, with all rights reserved. Neither this manual, nor any of the material contained herein, may be reproduced without written consent of the author.

Copyright 2005

Version 1.0

Disclaimer

The information in this document is subject to change without notice. The manufacturer makes no representations or warranties with respect to the contents hereof and specifically disclaims any implied warranties of merchantability or fitness for any particular purpose. The manufacturer reserves the right to revise this publication and to make changes from time to time in the content hereof without obligation of the manufacturer to notify any person of such revision or changes.

Trademark recognition

Other product names used in this manual are the properties of their respective owners and are acknowledged.

Federal Communications Commission (FCC)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the 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 harmful 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 the receiver.
- Connect the equipment onto 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.

Shielded interconnect cables and a shielded AC power cable must be employed with this equipment to ensure compliance with the pertinent RF emission limits governing this device. Changes or modifications not expressly approved by the system's manufacturer could void the user's authority to operate the equipment.

Declaration of conformity

This device complies with part 15 of the FCC rules. Operation is subject to the following conditions:

- This device may not cause harmful interference, and
- This device must accept any interference received, including interference that may cause undesired operation.

About this manual

This manual provides information for setting up and configuring the DMA. This manual is intended for home users.

Regulatory Approvals

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the 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 harmful 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 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.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Channel

The Wireless Channel sets the radio frequency used for communication.

- Access Points use a fixed Channel. You can select the Channel used. This allows you to choose a Channel which provides the least interference and best performance. In the USA and Canada, 11 channel are available. If using multiple Access Points, it is better if adjacent Access Points use different Channels to reduce interference.
- In "Infrastructure" mode, Wireless Stations normally scan all Channels, looking for an Access Point. If more than one Access Point can be used, the one with the strongest signal is used. (This can only happen within an ESS.)
- If using "Ad-hoc" mode (no Access Point), all Wireless stations should be set to use the same Channel. However, most Wireless stations will still scan all Channels to see if there is an existing "Ad-hoc" group they can join.

CAUTION:

1) To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.

2) This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Table of Contents

Getting Started with the DMA 5
Unpacking and Checking the Contents 5
Identifying Components 6
Front-right View 6
Rear View 6
Remote Control 7
Inserting the Remote Control Batteries 7
Remote Control Functions 8
Connecting the DMA 9
Connect to a TV Set or a Projector 9
Wired LAN connection 10
DC Adapter connection 10

Installation 11
Software Installation 11
Configuring the Utility (PC) 14
Shared Folder tab 15
Security tab 16
Media Server Name tab 16
File Type Tab 17

Exploring the DMA Menus 19
The Main Menu 19
The VIDEO Menu 20
The Album Menu 21
The Genre Menu 21
The Playlist Menu 22
The All Videos Menu 22
The MUSIC Menu 23
The Artist Menu 24
The Genre Menu 24
The Album Menu 25
The Playlist Menu 25
The All Music Menu 26
The PHOTO Menu 26
The Album Menu 27
The Playlist Menu 28
The All Photos Menu 28
The SERVER Menu 29
The Shared Folders Menu 30
The USB Menu 30

The OPTION Menu 31
The Wired LAN Settings Menu 33
The Wireless LAN settings Menu 34
The TV Settings Menu 37
The Language settings Menu 38
The Reset the settings Menu 38
The Software setting Menu 39

Operation 41
Power on 41
Language Settings 41
TV Settings 42
Start DiXiM Media 42
View data source and change settings 43
VIDEO 43
MUSIC 44
PHOTO 45
SERVER 46
USB 46
OPTION 47

Appendix 49
Specification 50
Trouble Shooting 51
Common problems and solutions 51
Tips for troubleshooting 52
Audio problems 52
Having the DMA serviced 52
Cleaning the DMA 53

GETTING STARTED WITH THE DMA

This section covers the following topics:

- "Unpacking and Checking the Contents" on page 5
- "Identifying Components" on page 6
- "Remote Control" on page 7
- "Connecting the DMA" on page 9

Unpacking and Checking the Contents

Unpack the DMA and check that the following items are included:

DMA

American Power Adapter

European Power Adapter

RJ-45 Cable

Remote Control

RCA Cable

Utility CD-ROM

Two AAA Batteries

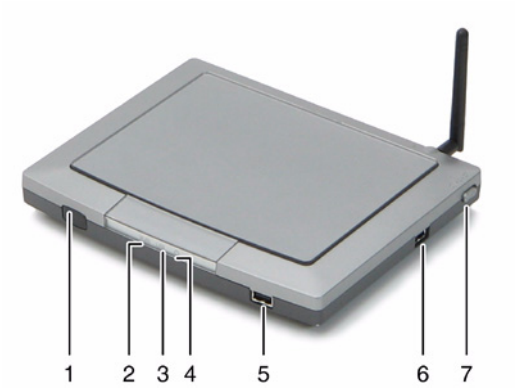
Quick Installation Guide

If any item is missing or damaged, repack the DMA and return it to your reseller.

Identifying Components

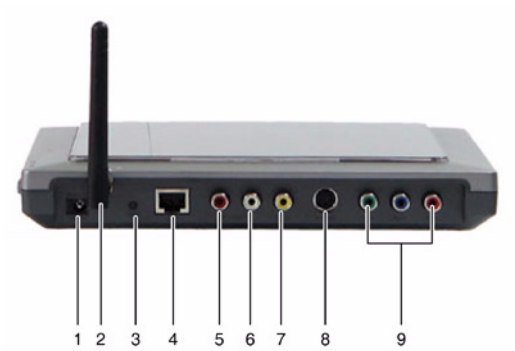
The following illustrations show the front-right and rear views of the DMA.

FRONT-RIGHT VIEW



1	IR Receiver
2	WLAN LED
3	LAN LED
4	Power LED
5	USB
6	USB
7	Power Switch

REAR VIEW



1	Power Socket
2	Antenna
3	Reset

4	RJ-45 Port
5	Right Audio
6	Left Audio
7	Composite Video
8	S-Video
9	Component Video

Remote Control

The DMA ships with a battery operated, infrared (IR) remote control.

Inserting the Remote Control Batteries

You must insert the two AAA batteries that come with the DMA into the remote control before you can use it.

1. Remove the cover from the remote control.

2. Insert the two AAA batteries with the correct polarity as indicated on the battery compartment.

3. Replace the cover.

REMOTE CONTROL FUNCTIONS

Button	Description
Power	Turn on/off the power.
Mute	Mute volume.
Number (0-9)	Enter 0 - 9 to select items in VIDEO/MUSIC/PHOTO menus.
Clear	Clear text/number from selected entry field.
Info	Show the status of files.
PAGE UP	Go up a page.

PAGE DOWN	Go down a page.
OPTION	OPTION menu opens
HOME	Go to the main menu.
Volume(+)	Volume up.
Volume(-)	Volume down.
ENTER	Confirm/enter settings/commands.
Arrows keys (up, down, left, right)	Navigate input field in on-screen menus.
RETURN	Return to the last screen.
MENU	A tool menu pops up.
A-B	Play repeatly between two chose points in the disc, press again to disable.
PREV	Go back to the last song/video/photo.
PLAY / PAUSE	Start playing / pausing music or video.
NEXT	Go to the next song/video/photo.
SKIP	Skip the file.
REW	Rewind the video.
STOP	Stop the selected file action.
FWD	Fast forward music/video.
SHUFFLE	Shuffle during playback.
REPEAT	Toggle repeat function during playback.
ZOOM	Increase zoom.
SLOW	Toggle between slow motion speeds.
VIDEO	VIDEO menu shows.
MUSIC	MUSIC menu shows.
PHOTO	PHOTO menu shows.
SERVER	SERVER menu shows.

Connecting the DMA

CONNECT TO A TV SET OR A PROJECTOR

RCA CABLE CONNECTION

1. Connect the red (R) and white (L) audio RCA connectors to the corresponding colored AUDIO OUT connectors on the rear of the DMA unit.
2. Connect the other end to the corresponding RCA AUDIO INPUT sockets on the rear of your TV.
3. Connect the yellow RCA cable to the RCA VIDEO OUT socket on the rear of the DMA unit.
4. Connect the other end to the VIDEO INPUT socket to the rear of your TV Set.

S-VIDEO CONNECTION

1. Connect the S-video cable to the VIDEO OUT S-VIDEO connector to the rear of the DMA unit.
2. Connect the other end to the VIDEO IN S-VIDEO connector to the rear of the TV Set.
3. Connect the red (R) and white (L)audio RCA connectors to the corresponding colored AUDIO OUT connectors on the rear of the DMA unit.
4. Connect the other ends to the corresponding RCA AUDIO INPUT sockets on the rear of your TV.

COMPONENT VIDEO CONNECTION

1. Connect the component video cable to the YPbPr sockets on the rear of the DMA unit.

2. Connect the other end to the rear of your TV Set.
3. Connect the red (R) and white (L)audio RCA connectors to the corresponding colored AUDIO OUT connectors on the rear of the DMA unit.
4. Connect the other ends to the corresponding RCA AUDIO INPUT sockets on the rear of your TV.

WIRED LAN CONNECTION

Connect the LAN socket at the rear of DMA unit, and connect the other end to the DHCP router.

DC ADAPTER CONNECTION

Connect the DC adapter plug at the rear of DMA unit, and connect the other end to the power outlet.

INSTALLATION

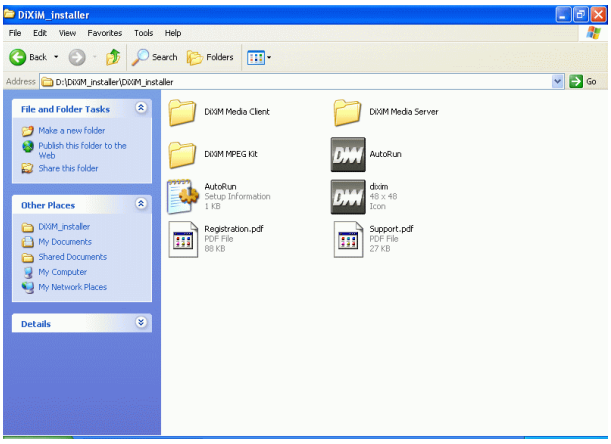
This section covers the following topics:

- “Software Installation” on page 11
- “Configuring the Utility (PC)” on page 14
- “Shared Folder tab” on page 15
- “Security tab” on page 16
- “Media Server Name tab” on page 16
- “File Type Tab” on page 17

Software Installation

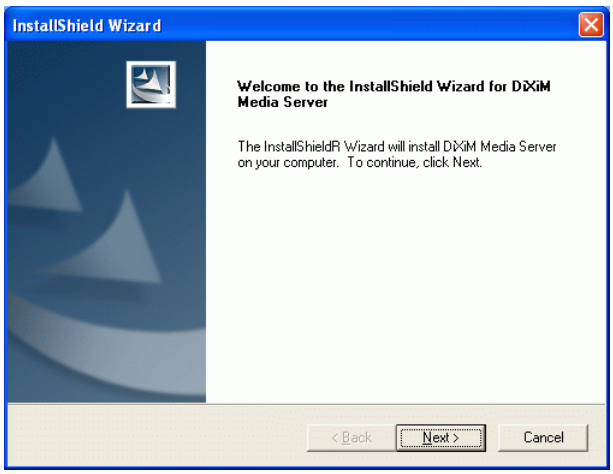
You need to have a computer to serve as your data source. Install the **DiXiM Media Server** software on this computer (This software can only run under XP Home Edition and Professional Edition). The software is on the accessory CD.

1. Insert the accessory Driver & Utility CD into the CD-ROM drive of your computer, double-click the **AutoRun** icon in the following screen.

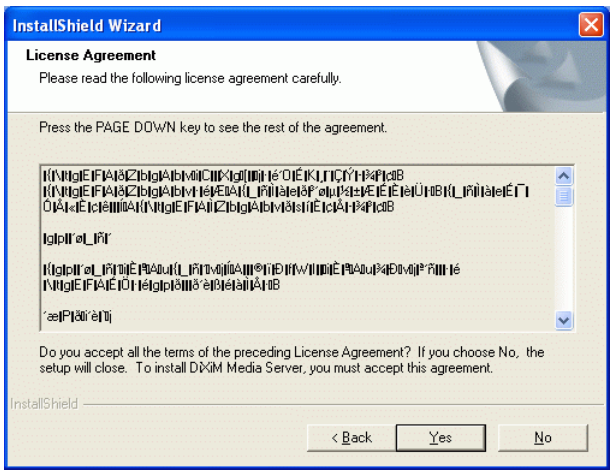


2. When the main menu screen appears, click **DiXiM Media Server** to start software installation.

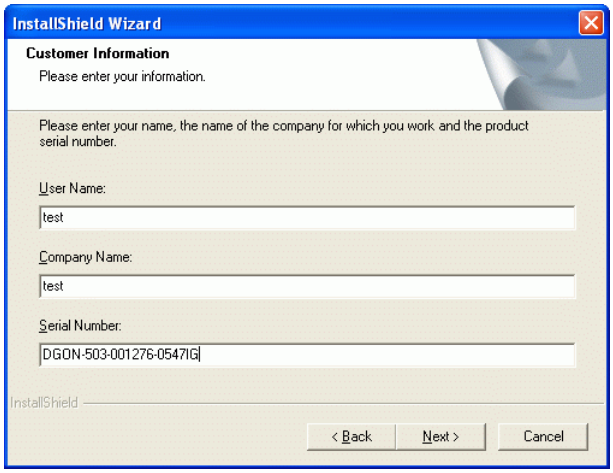
3. The Welcome screen will be displayed, click **Next** to continue.



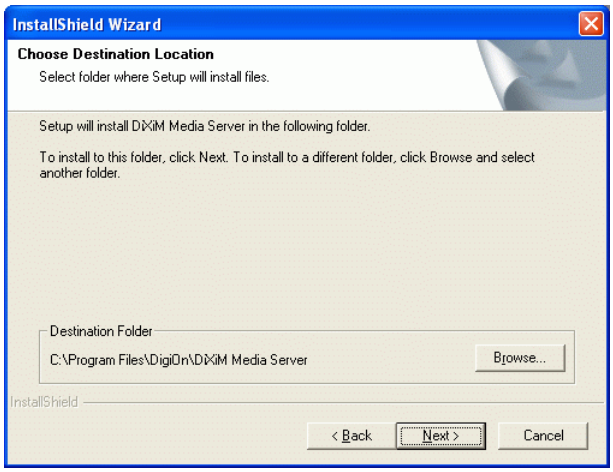
4. View the License Agreement screen, and then click **Yes** to continue.



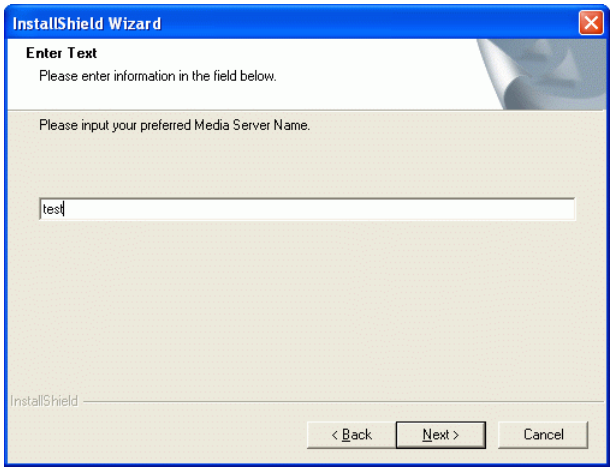
5. Input the **User name**, **Company Name** and copy the **Serial Number,** which is provided in the Driver & Utility CD contents. Click **Next** to continue.



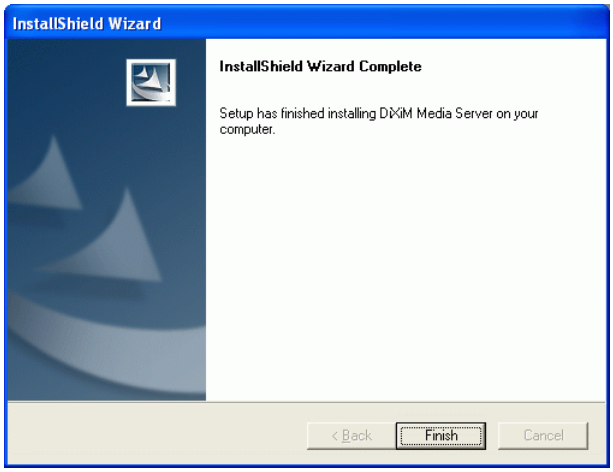
6. The system will automatically direct the needed files to the destination shown in this screen, click **Next** to continue.



7. You may input the preferred name for your Digital Media Adapter in this screen.



8. When the following screen appears, click **Finish** to complete the software installation.



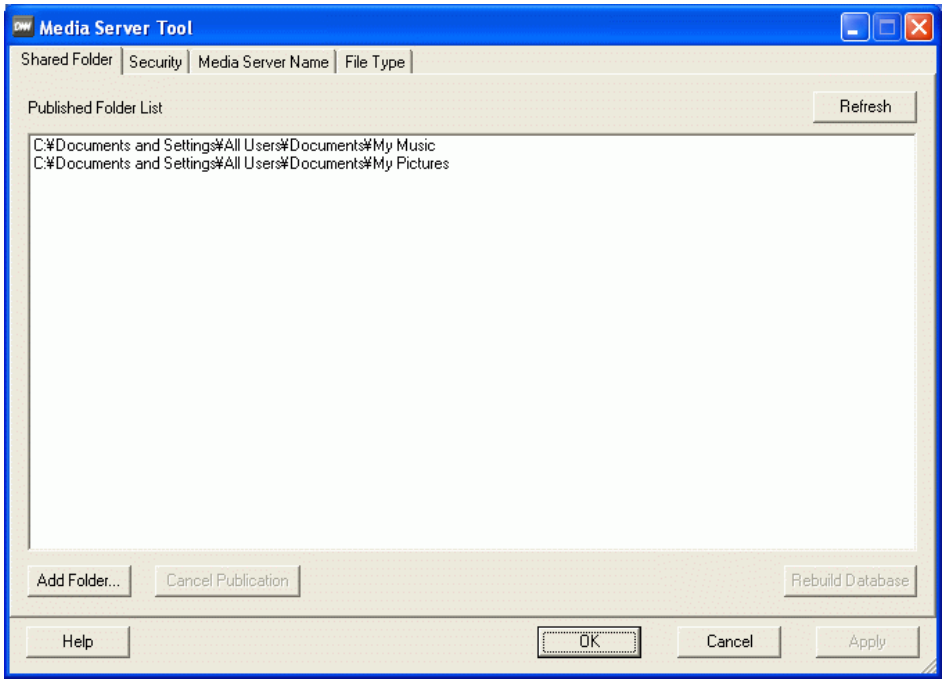
9. Connect this computer to the DHCP router.
10. Execute **DiXiM Media Server**.
11. On **DiXiM Media Server** menu bar, select Edit/Reference. On the left-hand side of the pop-up window, you will see a set of options that you can select to set up your server.

Configuring the Utility (PC)

1. After the driver & utility has been installed in your PC, you may start to configure the utilities. Go to **Start→Programs→DigiOn→DiXiM Media Server Tool** to open the utility configuration screens.

Shared Folder tab

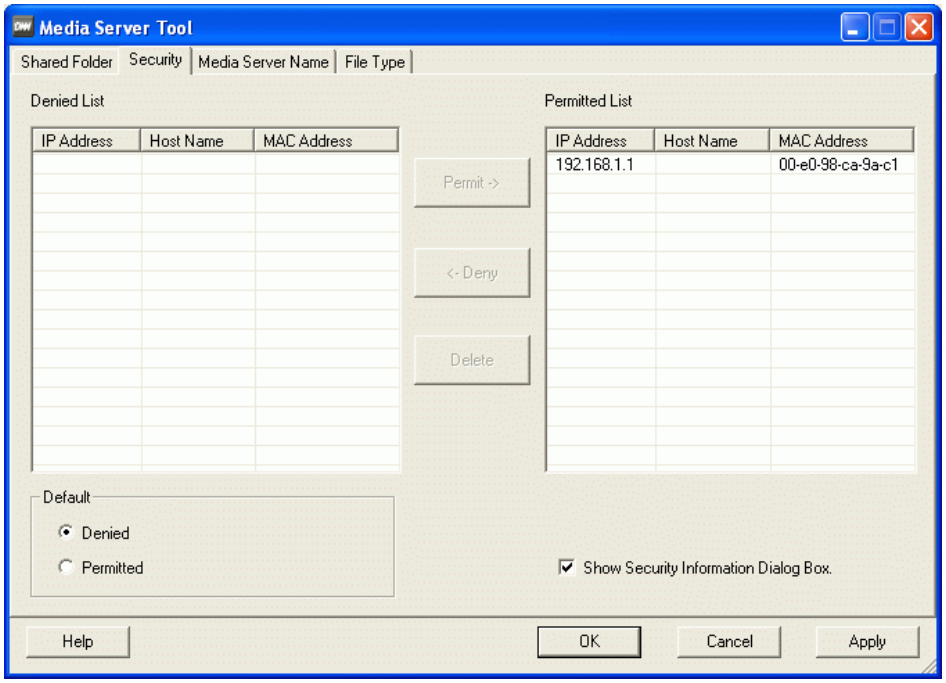
Add the folders you would like to share. Only shared folders can be viewed on your TV or projector.



Add folder	Add folders to share in the Published Folder List.
Cancel Publication	Remove the folders added in the Published Folder List.
Rebuild Database	Apply the database setting.
Help	Help files.
OK	Close the Media Server Tool menu.
Cancel	Close the Media Server Tool menu.
Apply	Apply the changes.
Refresh	Refresh the Media Server Tool menu.

Security tab

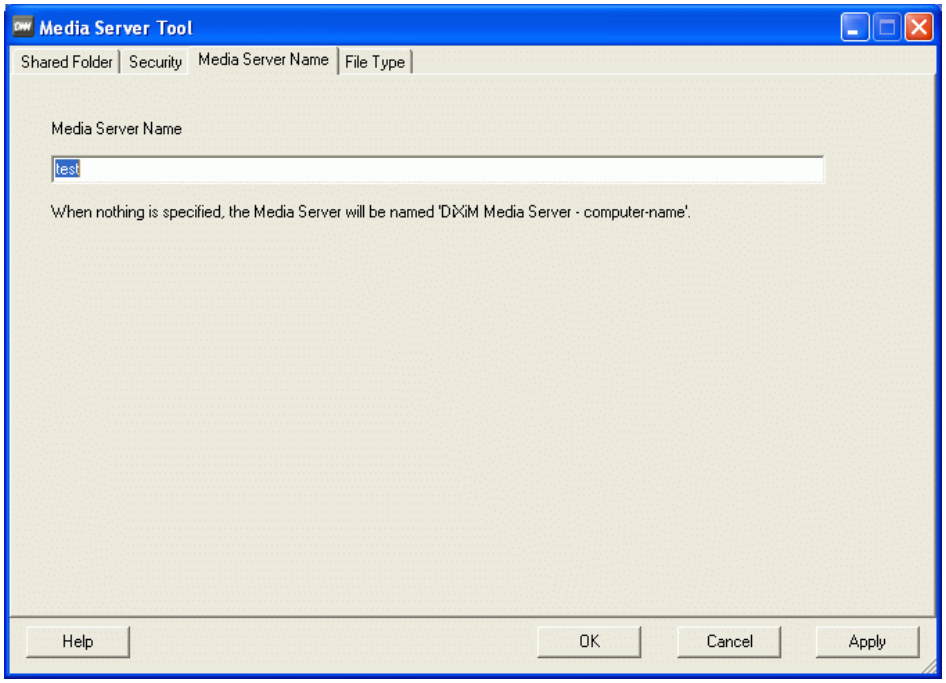
This screen enables you to manage file access condition, with this function, you can decide to let certain computers access your files or not.



Permit	Share data with external computers.
Deny	No data shared.
Delete	Remove the selected folders.

Media Server Name tab

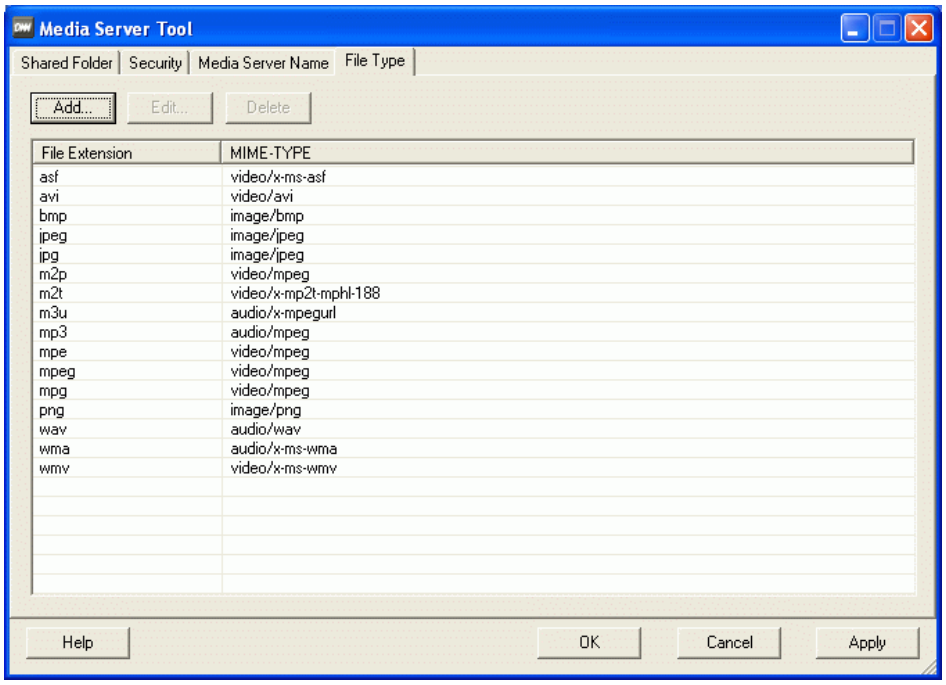
This screen shows the device (Digital Media Adapter) name.



Media Server Name	Enter the name of your server.

File Type Tab

This tab lets you define the file extension and MIME-TYPE, you can add, delete or edit items in this list.



Add	Add new support files. Enter the file name in Extension area, and file type in the MIME-TYPE area.
Edit	Change the name or type of selected file.
Delete	Remove the file from the list.

EXPLORING THE DMA MENUS

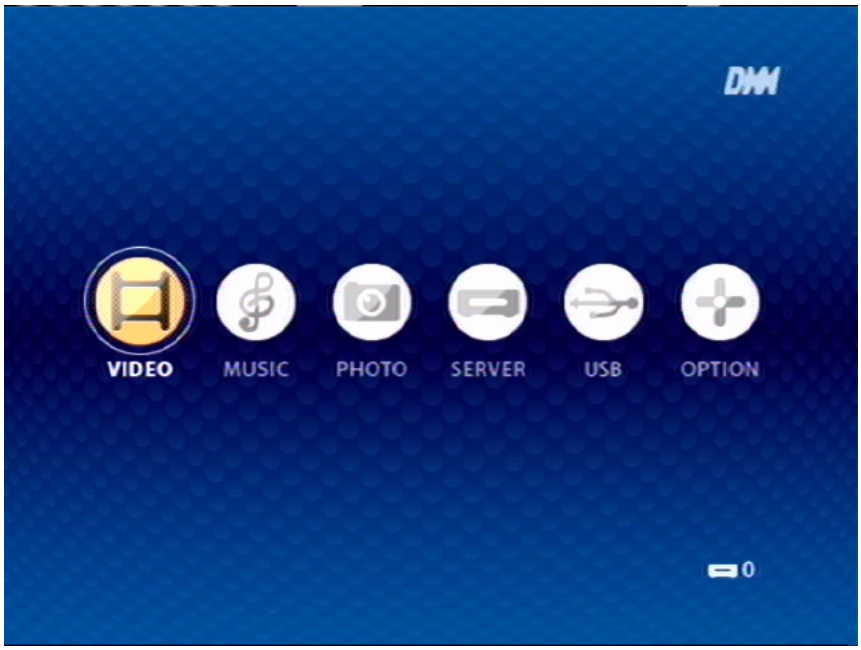
This section covers the following topics:

- "The Main Menu" on page 19
- "The VIDEO Menu" on page 20
- "The MUSIC Menu" on page 23
- "The PHOTO Menu" on page 26
- "The SERVER Menu" on page 29
- "The USB Menu" on page 30
- "The OPTION Menu" on page 31

The Main Menu

When you access the **DMA** menu, the Main Menu opens.

ED Question: 1. Can we rename the playlists and add more playlists in Video and Music?



Use the left/right arrow buttons on the remote control to browse the following screens.

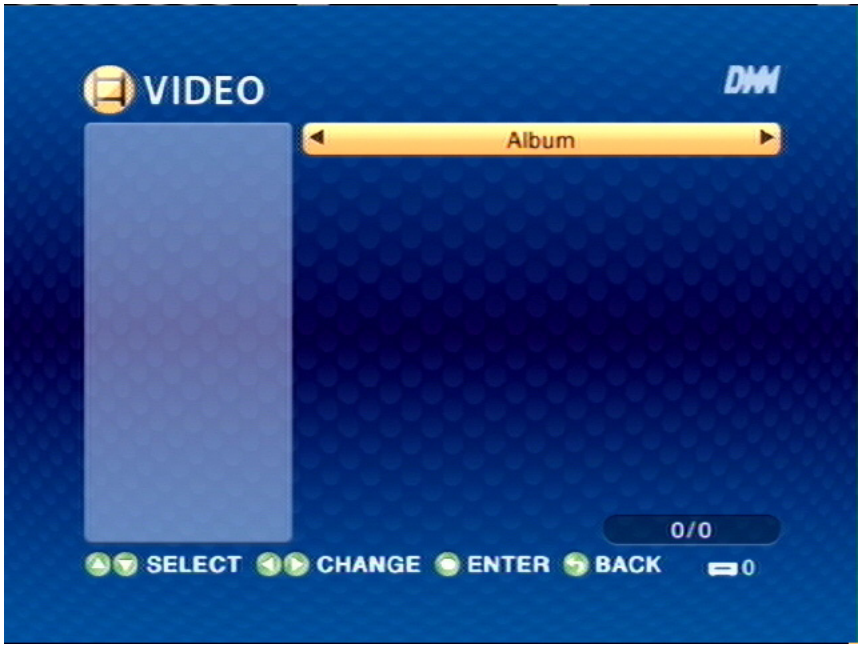
The VIDEO Menu

Use the left/right arrow buttons on the remote control to select **VIDEO**. The **VIDEO** Menu opens.

Use the up/down arrow buttons to select items in the menu. Use the left/right arrow buttons to move to the next menu.

Video	Press the up/down arrow buttons to select the Video sub-menus.
Album	Press **ENTER** and the up/down arrow buttons to select albums.
Genre	Press **ENTER** and the up/down arrow buttons to select play mode.
Playlist	Press **ENTER** and the up/down arrow buttons to select the playlists.
All Videos	Press **ENTER** and the up/down arrow buttons to select videos.

THE ALBUM MENU



Select album by pressing ENTER.

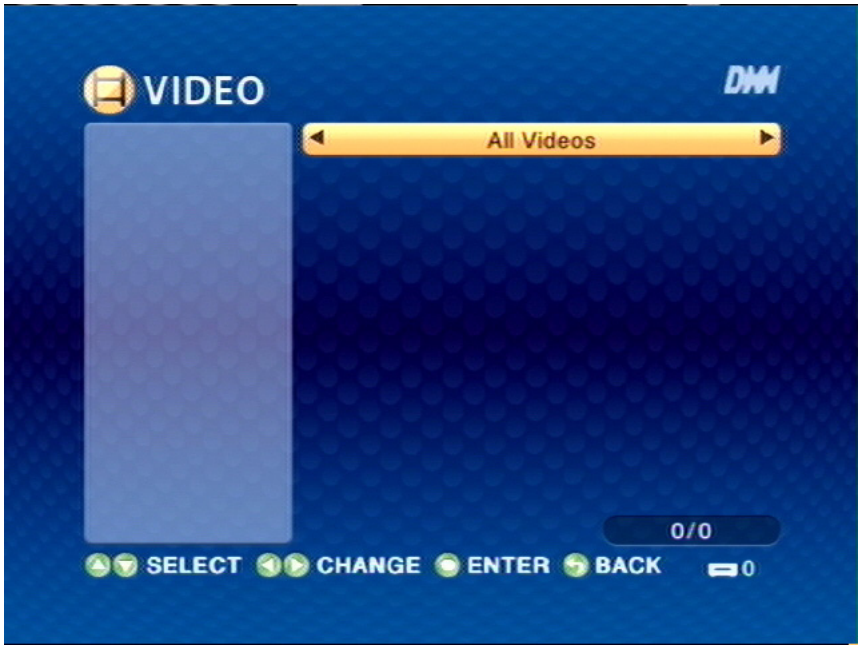
THE GENRE MENU

ED Question: 1. Please provide some more infomation about “Genre”.

THE PLAYLIST MENU

Select playlist by pressing ENTER.

THE ALL VIDEOS MENU



Select video by pressing ENTER.

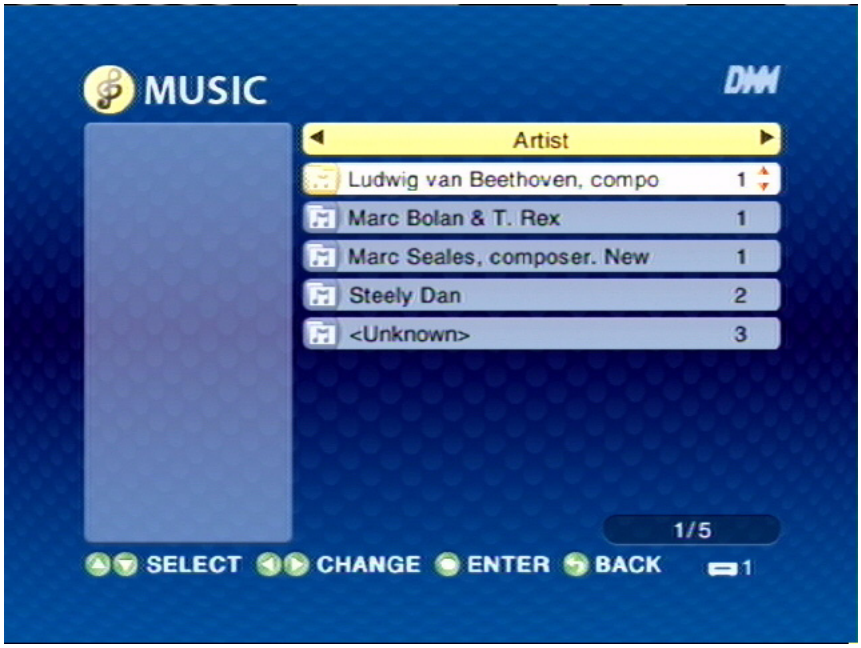
The MUSIC Menu

Use the left/right arrow buttons on the remote control to select **MUSIC**. The **MUSIC** Menu opens.

Use the up/down arrow buttons to select items in the menu. Use the left/right arrow buttons to move to the next menu.

Music	Press the up/down arrow buttons to select the Music sub-menus.
Artist	Press **ENTER** and the up/down arrow buttons to select artists.
Genre	Press **ENTER** and the up/down arrow buttons to select play mode.
Album	Press **ENTER** and the up/down arrow buttons to select albums.
Playlist	Press **ENTER** and the up/down arrow buttons to select the pre-stored songs in the 5 playlists.
All Music	Press **ENTER** and the up/down arrow buttons to select songs.

THE ARTIST MENU

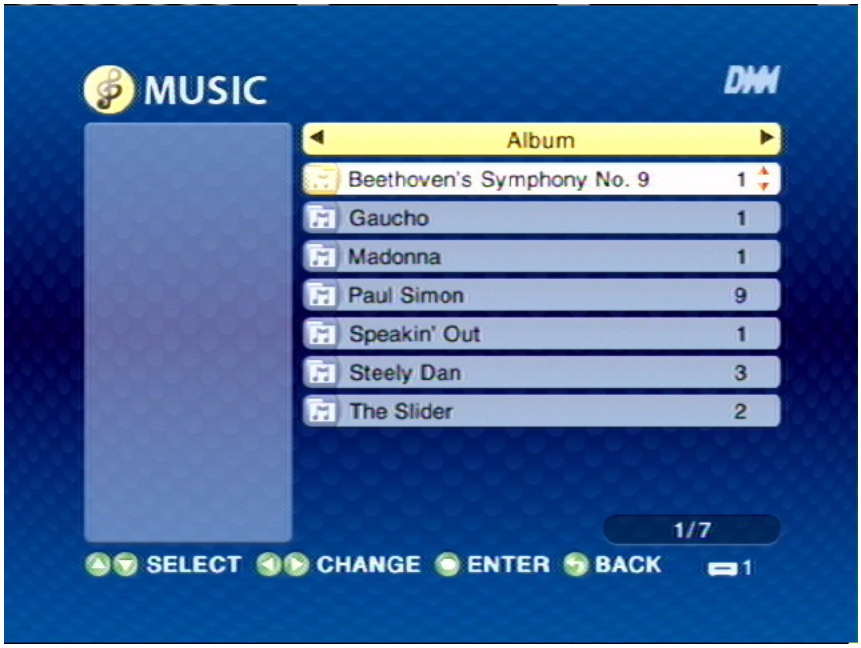


Select the artist in the list by pressing ENTER.

THE GENRE MENU

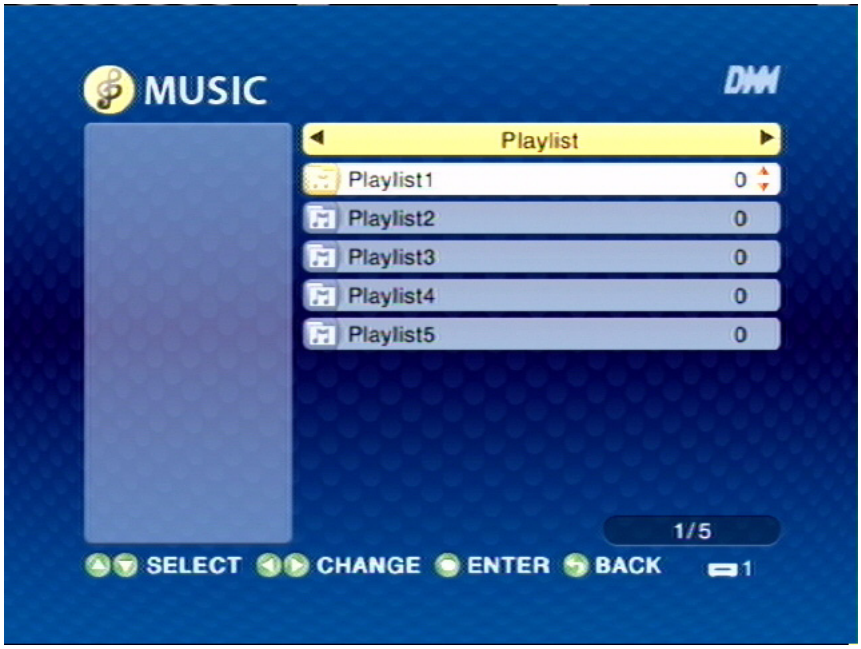
Select the genre in the list by pressing ENTER.

THE ALBUM MENU



Select the album in the list by pressing ENTER.

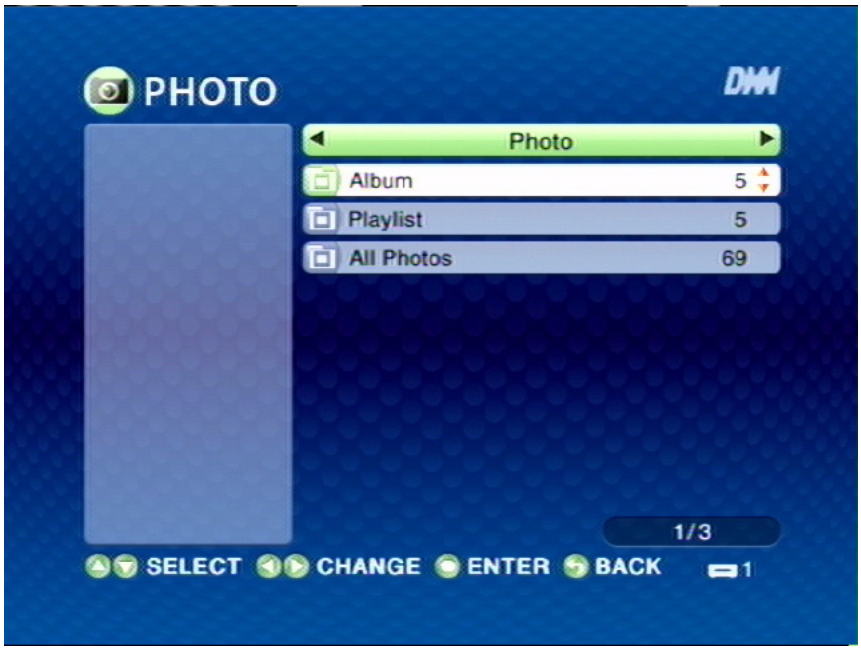
THE PLAYLIST MENU



Select the playlist in the list by pressing ENTER.

THE ALL MUSIC MENU

Select song in the list by pressing ENTER.

The PHOTO Menu

Use the left/right arrow buttons on the remote control to select **PHOTO**. The **PHOTO** Menu opens.