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WELCOME TO THE DUAL-Play EXPERIENCE 2



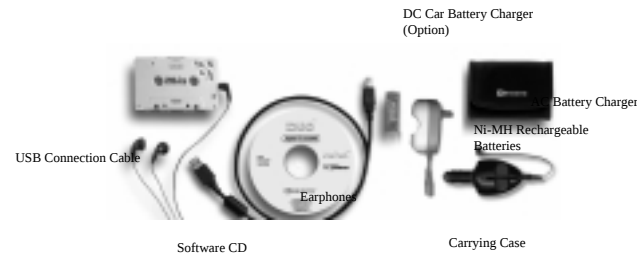
Congratulations on your purchase of the DUAL-Play portable digital player - the only player on the market specifically designed to play digital music on any standard analog cassette deck with high fidelity sound and without the need for cumbersome and inconvenient wired adapters. The DUAL-Play contains 32 / 64 / 128MB of on-board memory that is easily expandable to via the MultiMediaCard (MMC) flash memory slot. The DUAL-Play was designed with a programmable, upgradeable Digital Signal Processor (DSP) to support new audio formats and digital rights management systems. Please check the Hyan Won website at www.m-any.com for the latest software upgrades and accessories. You are now ready to enjoy the world of digital audio with the most versatile digital audio player on the market today.



INCLUDED WITH YOUR DUAL-Play 3

The following components are included with your DUAL-Play:

- A. AC Battery Charger
- B. DC Car Battery Charger / Charger Connection Cable (Option)
- C. 2 Ni-MH Rechargeable Batteries
- D. Software CD
- E. USB Connection Cable
- F. Carrying Case
- G. Earphones
- H. Owner's Manual



Note : Accessories and optional items are subject to change. Please check www.m-any.com for the latest in DUAL-Play accessories and software upgrades.

PC SYSTEM REQUIREMENTS

The following PC specifications are required for DUAL-Play compatibility:

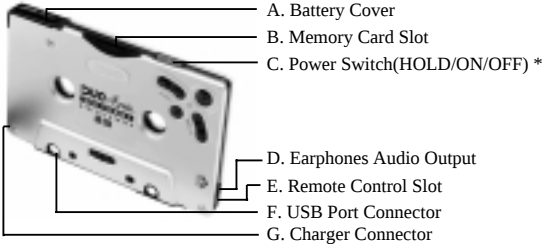
- Microsoft® Windows® 98, ME or 2000 Operating System
- CD-ROM Drive with digital audio extraction support
- Pentium (or compatible) 200MHz or higher processor
- 32MB RAM (64MB for Windows® ME or 2000) or greater
- 32MB free Hard Disk Space (more for digital audio file storage)
- Sound card
- USB port capability

DUAL-Play HARDWARE OVERVIEW

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Your DUAL-Play has the following hardware features :

Top and side panel



Top and Side Panel

- A. Battery Cover :** Slide the cover on top of the unit away from the control buttons to open, and then insert your rechargeable DUAL-Play battery.
- B. Memory Card Slot :** A removable MultiMediaCard™(MMC) flash memory card (sold separately) enables your DUAL-Play to expand its memory capacity and store more audio files. MMC memory cards are inserted completely into the unit with the gold contacts facing downward and positioned facing the back of the player.
- C. Power Switch :** Powers your DUAL-Play on and off as well as enabling the Hold feature, which disables the on-board controls.
- D. Earphones Audio Output :** Connects your earphones for stereo output.
- E. Remote Control Slot:** Connects remote control.
- F. USB Port Connector :** Connects your DUAL-Play to your computer for fast, efficient file transfers at speeds up to 2.5 Mbps.
- G. Charger Connector :** The DC/AC charger and cable allow users to play DUAL-Play when battery is discharged.

* In case of voice or MP3 encoding models the power switch has REC/ON/OFF position. The REC position disables button control like a HOLD function.

DUAL-Play HARDWARE OVERVIEW

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Removable Memory Card



The DUAL-Play is compatible with MultiMediaCard™(MMC) removable flash memory (sold separately), which enables your DUAL-Play to expand its memory capacity and store more audio content. When inserting or removing a MMC card, make sure the DUAL-Play is OFF or the memory card may be damaged. MMC flash memory cards are inserted completely into the unit with the gold contacts facing downward and positioned facing the back of the player.

Note :

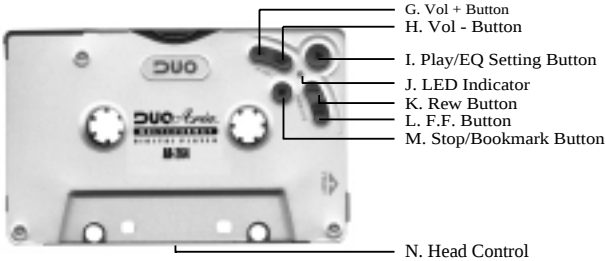
When an MMC card is not used, the MMC cover that comes with the unit must be used and fully inserted into the player to prevent damage to the internal MMC slot.

If there is an error reading the MMC card (such as error code 4), briefly remove the MMC card, check that it is oriented properly (gold contacts facing the back of the player and down) and then re-insert it into the player while the player is still connected to the PC.

SOFTWARE CD CONTENTS

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Front Panel



Front Panel

- G. Volume + Button** : Press once to increase Play Volume one step.
H. Volume - Button : Press once to decrease Play Volume one step.
I. Play/EQ Setting Button : Press to start Play. Press again to change EQ setting when playing.
J. LED Indicator : When LED is flashing green, this indicates unit is playing. Amber LED indicates initial booting or USB communication.
K. Rew Button : Press to select previous file or Search.
L. F.F. Button : Press to select next file or Search.
M. Stop/Bookmark Button : Press to Stop, Pause Play/Bookmark or Power Save Mode.
N. Head Control : Slide control to adjust tape head alignment for optimal sound quality and compatibility in cassette decks.

Application

- M • ANY Loader
- Windows Media Player
- Audible Manager

Function

- Transfer digital audio files to/from DUAL-Play
- Manage audio files
- Download, playback of and transfer of Audible.com content to DUAL-Play*

* Requires latest version Audible Manager software downloaded via included software CD and Internet download. Connect to the Internet, insert the Software CD, then select "Audible Manager" from the software installation menu.

INSTALLING THE M • ANY Loader

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In order for the DUAL-Play and your PC to communicate and transfer digital files, you must first install the M • ANY Loader by completing the following steps:

1. Insert the M • ANY Loader CD into the CD-ROM drive. The following screen should display:



Note : If the setup file is executed automatically, follow the install program instructions. If the setup file is not executed automatically, browse the installation CD and double click on the install.exe file on the CD-ROM file directory. (Example "D:\install.exe", where D: is your CD-ROM drive) You can locate these files by going to your Windows Start menu, and then Run.

2. Click on the M • ANY Loader button. The following page will display.



3. Click on the Next button. The following page will display.



INSTALLING THE M•ANY Loader

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4. Enter your Name and the Company name and click on the Next button.
The following page will display.



5. Choose the directory for the M•ANY Loader and click on the Next button. The following page will display.



6. Select the program folder and click on the next button.



7. Verify the Setup details and click on the next button. Once you have done these steps, it will complete the installation and bring you back to the main page displayed in number 1.
8. Once the installation of the M•ANY Loader finishes, click the shortcut icon on the desktop or click on the Windows Start menu, then Programs, then the shortcut to run the M•ANY Loader.

Note : If a rebooting message displays during setup, install again after rebooting the computer.

GETTING STARTED WITH DUAL-Play

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Complete the following steps to get started with your DUAL-Play:

1. Make sure the battery is fully charged and insert it into your DUAL-Play. It is recommended to charge the battery for 4 hours before its first use.
2. Initialize the DSP on the DUAL-Play by moving the power switch from Off to the On position. The LED should automatically illuminate an amber color for approximately 2 seconds, and then turn off. If the amber LED does not turn on automatically after the power is switched On, press the Play button once and it should initialize properly.
3. Alternatively, if the battery is removed from the player, such as when charging in the charger, move the power switch to the On position.
4. Connect the USB port cable to the DUAL-Play and then to the PC USB port.
5. Launch the M•ANY Loader. When using the M•ANY Loader for the first time, please select the model to be connected as the product and choose the server location closest to you on the "Preferences" menu.
6. Using the included software, download music to your computer from the Internet (or convert it to digital audio format from an existing CD). Using the M•ANY Loader, navigate to the folder that contains your music files. Select the files you wish to transfer and drag them to the bottom portion of the window. Click on the transfer button located in the bottom right hand corner of the window. The files will transfer individually and the progress will be displayed in the Memory Contents Window.
7. Disconnect the DUAL-Play from the USB cable, and re-initialize the DSP as in step 2 by turning the power switch Off then On again. The amber LED will illuminate for approximately 2 seconds and then turn off.
8. Press play with headphones inserted or insert into a cassette deck to enjoy digital audio from your DUAL-Play.

Note : If the DUAL-Play indicator LED stays on and there is no audio output after disconnecting the USB cable, open the battery door briefly take the battery out then reinsert it, close the battery door and press Play with the power switch on. Doing this will fully "reboot" the DSP and restore normal operation. Please do not attempt to use any other USB peripheral, such as a digital camera or scanner simultaneously with the DUAL-Play and Windows Media Player, Audible Manager or M•ANY Loader software as communication errors may result.

USING THE M • ANY Loader**10****Important Notice:**

Please install program PRIOR TO connecting the device with the PC. If the device is connected without installing the M • ANY Loader program, the device will not be recognized since the device driver has not been installed on the machine properly.

Preferences

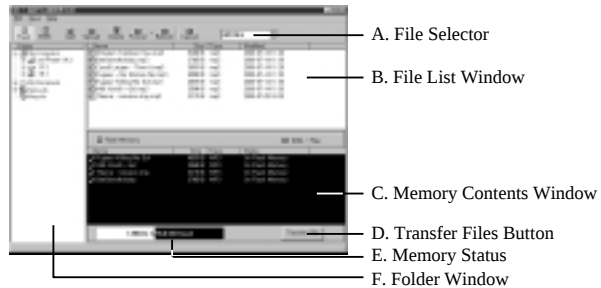
Open the M • ANY Loader and select the appropriate model device (DAH-200V, DAH-200M, etc.) to be used and the server location closest to you to access operating system updates via the Internet.



Note : If you use a device different from the model you select at this point, the device could work abnormally. If this happens, uninstall the software, re-install it and make the appropriate selection.

Main Screen

The main screen of the M • ANY Loader controls music file downloading and uploading.

**USING THE M • ANY Loader****11****A. File Selector**

This enables you to view files by type.

B. File List Window

This window displays the files contained in the given folder enabling you to selectively download files to flash memory and/or MMC memory.

C. Memory Contents Window

This window enables you to check the file title, size, type and download status of the MMC and on-board flash memories.

File order change

1) Select a file to be moved.

2) Drag & Drop the selected file to the desired position.

Note : File order can only be changed by moving 1 file at a time.

D. Transfer Files Button

This button begins transferring selected audio files to the player.

E. Memory Status

This indicates the amount of memory available, the amount of total memory and memory connection status. This window may indicate "No Memory Found" in the following cases:

- The DUAL-Play is not connected or the power is switched off.

- MMC memory is selected when a MMC memory card is not inserted into the player.

F. Folder Window

This window enables you to select audio files more easily by allowing you to browse specific folders. The selected folder contents are displayed in the File List Window to the right.

USING THE M•ANY Loader

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G. Functional Icons



Flash : Selects the on-board memory (flash memory) to display.



MMC : Selects the removable memory (MMC memory) to display.



Add : Adds the selected files to the selected memory. Selected files are placed in "Ready to Transfer" status in the memory contents window.



Upload : Uploads the selected files from the on-board memory to the selected PC folder.



Delete : Deletes selected files on the selected memory.



Format : Formats selected memory.

Note: This will erase all files on the selected memory.

a. Normal Format : The "Normal Format" is, in essence, a quick 'clearing' of all the data on the memory card. It accomplishes the same thing as selecting all songs and deleting them.

b. Low-level Format : A "Low Level Format" is a longer procedure as it checks the disk sector by sector for any problems and repairs them if it finds them. This is somewhat similar to the 'Scandisk' program and requires that no other applications are opened during the formatting procedure.



Refresh : Refreshes view of selected memory.



Cancel : Cancels file transfer between player and PC.



Transfer : Transfers files from the memory contents window onto the player.

HOW TO DOWNLOAD FILES TO DUAL-Play

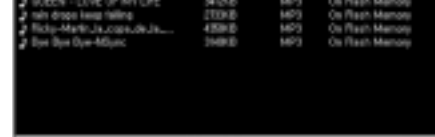
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When downloading to player using the M•ANY Loader:

1. Select the player memory to download and store audio files onto (either on-board Flash memory or MMC when using removable MMC flash memory cards).
2. Highlight files to be downloaded in the File List Window using the Folder Window to browse for folders containing audio. You may select files one of 3 ways:
 - a. You may drag & drop individual files from the File List window to the Memory Contents Window
 - b. You may select multiple audio files by holding down the CTRL key while clicking the left-mouse button on each file you wish to download to the player then drag and drop the selection of files as above
 - c. You may press the "F5" key or "Add" icon after highlighting each file.

The selected files will appear in the Memory Contents Window with "Ready to transfer" listed under the status column.

3. Click the "Transfer" icon to download files to the player memory.



4. To cancel a download in progress click the "Cancel" icon.
5. Close the M•ANY Loader before disconnecting the USB cable.

Note :

If the DUAL-Play indicator LED stays on and there is no audio output after disconnecting the USB cable, open the battery door briefly to expose the battery, then close the battery door and press Play with the power switch on. Doing this will fully "reboot" the DSP and restore normal operation. The M•ANY Loader and the Audible Manager can not be open at the same time, a communication error will result. If this occurs, close both software managers unplug the device. Re-initialize the device by turning it off then on again, and after the amber light illuminates and then turns off, re-connect the device via the USB cable and select ONE of the software managers to run. The Windows Media Player and Audible Manager software included with the DUAL-Play have online instruction manuals that may be printed out once they are installed.

OPERATING THE DUAL-Play (Stand-alone with headphones)

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Desired Operation	Buttons	Function When Pressed
Turn power on	Slide power switch to on	Powers the player on.
Turn power off	Slide power switch to off	Powers the player off.
Play audio file	Press Play	Begins to play audio/Restarts from pause.
Pause audio file	Stop (press stop for < 1 sec)	Pauses audio playback.
Increase Volume	Vol +	Increases the audio Volume.
Decrease Volume	Vol -	Decreases the audio Volume.
Previous Track	Rew	Plays previous audio file.
Next Track	F.F.	Plays next audio file.
Rewind audio	Rew (hold Rew for > 2 sec)	Rewinds audio at 4X speed as long as the button is depressed.
Fast Forward Audio	F.F. (hold F.F. for > 2 sec)	Advances audio at 4X speed as long as the button is depressed.
Key Lock	Slide power switch to HOLD	Locks the button functions when power is on.

FOR EQUALIZER FUNCTIONS (while audio is

Desired Operation	Buttons	Function When Pressed
Change Equalizer	Play/EQ	Toggles equalizer mode while audio Mode is playing. (Flat, Rock, Jazz, Dance, Latin, Flat)

The DUAL-Play functions can also be controlled by a remote control with an LCD display.(optional item)

Pause/Power Save Mode

The DUAL-Play features a Power Save mode that allows the player to automatically conserve its battery power when not in use. When the user presses the Stop button for less than 5 seconds, and/or if the player senses it is not used for 5 minutes, it will automatically enter Power Save mode. To resume play if the power switch is left in the "On" position, press the Play button twice.

Note : The DUAL-Play will resume play from the exact point in the audio track that was playing when the stop button was pressed. The volume and EQ setting are also memorized. To delete the previously set Bookmark press VOL+ and PLAY buttons simultaneously while power switch is in the "HOLD" (or "REC") position.

INSERTING THE DUAL-Play INTO A CASSETTE DECK

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The following is the correct way to insert the DUAL-Play into a cassette deck.



1. Turn the DUAL-Play by moving the power switch on top of the unit to the "On" position.
2. Due to potential variances in the volume of encoded audio files, the cassette audio output of the DUAL-Play is adjustable. When the unit is first turned on, the volume is set to a medium level of output. You may adjust the output to a cassette deck by pressing Play (note that the indicator lamp should be flashing), then adjusting the volume either up (+) or down (-) to suit the desired output to the cassette deck.

Note : It is possible to adjust the output volume high enough to cause distortion during cassette audio playback on some cassette decks. Avoid distorted output by matching the volume of the DUAL-Play playback with the FM tuner volume, such as on a car cassette deck.

3. Insert the DUAL-Play into the cassette deck, making sure the side marked Front (the side with the operating buttons) is inserted upward or forward.
4. You may adjust head control switch to ensure optimal tape head alignment. Typical indications of improper tape head alignment is audio playing only on one side, significantly reduced volume, or significant extraneous noise coming from player.
5. If no sound is played from the cassette deck or if adjusting tape head control does not improve audio quality significantly, change the play direction with the auto-reverse button (if applicable) and flip the DUAL-Play cassette so it is facing down.

DUAL-Play CASSETTE DECK OPERATION

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<u>Desired Operation</u>	<u>Buttons</u>	<u>Function When Pressed</u>
Turn power on	Slide power switch to on	Powers the player on, enabling it to be inserted for use in a cassette deck.
Play Music	Use cassette deck Play control	Begins audio playback.
Pause Music	Use cassette deck Pause control	Pauses audio playback.
Stop/Bookmark	Use cassette deck Stop control	Stops playback and then bookmarks audio.
Increase Volume	Use cassette deck Volume control	Increases audio volume.
Decrease Volume	Use cassette deck Volume control	Decreases audio volume.
Next Track	Press cassette deck F.F. for less than 2 second	Skips forward to the next track.
Previous Track	Press cassette deck Rew for less than 2 second	Begins audio playback of the previous track.
Rewind audio	Press and hold Rew for more than 2 second	Rewinds audio at 4X speed as long as depressed.
Fast Forward audio	Press and hold F.F. for more than 2 second	Advances audio at 4X speed as long as button is depressed.

Power Save Mode in Cassette Deck Playback

The DUAL-Play features a Power Save mode that allows the player to automatically conserve its battery power when not in use. When the player senses it is not use for 5 minutes, it enters a Power Save mode. To resume play when in a cassette deck, eject the DUAL-Play from the deck and press the play button. Re-insert the DUAL-Play into the deck and the unit will resume play from the exact point in the audio track that it was last stopped. This will also occur if the battery is replaced during play.

Note : The DUAL-Play will resume play from the exact point in the audio track that was playing when the stop button was pressed. The volume and EQ setting are also memorized. To delete a previously set Bookmark press the VOL+ and PLAY buttons simultaneously while the power switch is in the "HOLD" (or "REC") position.

AUDIBLE.COM CONTENT PLAYBACK OPERATION

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The DUAL-Play is AudibleReady™, enabling you to enjoy a world of spoken audio content available from Audible.com. The Audible Manager, contained on the DUAL-Play software CD, must be installed on your PC to download Audible.com content and transfer it to the player.

If you have not installed the Audible Manager and wish to access Audible.com content, please insert the software installation CD, follow the on-screen instructions to install the Audible Manager software.

1. Stand-alone DUAL-Play Operation

<u>Desired Operation</u>	<u>Buttons</u>	<u>Function When Pressed</u>
Skip to next/previous Track	Press F.F./Rew < 2.5 sec	Skips a track.
Skip to next/previous Section	Press and Hold F.F./Rew for 2.5~4 sec	Skips a section within the current track.
Search Through a Track	Press and Hold F.F./Rew > 4 sec	Searches within a section at 4X normal play speed as long as the button is depressed.

AUDIBLE.COM CONTENT PLAYBACK OPERATION 18

2. Cassette Deck DUAL-Play Operation

Desired Operation	Buttons	Function When Pressed
Skip to next/previous track	Press and hold F.F./Rew for 1~2.5 sec then resume Play	Skips a track.
Skip to next/previous section	Press and hold F.F./Rew for 2.5~4 sec then resume Play	Skips a section within a track.
Search forward /backward	Press and hold F.F./Rew > 4 sec then resume Play	Searches within a section at 4X Speed for as long as F.F./Rew button is depressed.

Note :

The Power Save operation instructions also apply when playing back Audible.com content.

3. Bookmark Function

Depending upon the content being listened to, there may be a need to stop the unit and resume play at the point where the player was stopped. To accomplish this with the DUAL-Play there are three options:

- 1) While listening to audio, press the Stop button once quickly to enter Pause/Power Save mode with the unit still on. To resume play at the exact point the audio was stopped, press the Play button once.
- 2) While listening to audio, press the Stop button for more than 3 seconds to completely power down the unit. To resume play at the exact point the audio was stopped, briefly slide the Power Switch to the "Off" position and then back to the "On" position, then press the Play button.
- 3) When playing in a cassette deck, press Stop or eject the DUAL-Play. To resume play at the exact point the audio was stopped, re-insert the DUAL-Play into cassette deck and/or press Play.

HANDLING AND STORING INSTRUCTIONS 19

The DUAL-Play was designed for everyday use with its aluminum casing and its solid-state design provides for skip-free audio playback under most active situations.

Please note the following information when using the DUAL-Play :

Unit may be damaged if struck or crushed.

Use a carrying case when carrying and using your DUAL-Play.

Keep out of direct sunlight.

Keep away from dust and dirt.

Clean with a dry, soft cloth.

Store in a cool dry place.

Do not store your DUAL-Play around a television set due to the magnetic field interference that may result with the TV.

Do not squeeze the DUAL-Play body. Excessive pressure on the body could cause damage to the internal parts and cause malfunctions.

Do not touch or handle the tape simulator belt in the bottom of the unit, doing so may cause malfunctions when used in a cassette deck.

Do not expose the DUAL-Play to extreme temperatures, such as leaving it in a car in hot weather.

BATTERY AND CHARGER (AC AND DC CHARGER) USAGE 20

Normal playing time is about six hours when playing the DUAL-Play as a stand-alone player and 8 hours for Audible content playback. Playing time may vary depending on usage conditions. Due to extra sensors used during cassette deck playback, playtime when used in a cassette deck only is slightly reduced.

1. Charging the battery only (AC or DC charger):

Remove the battery and insert it into the charger, charge the battery for two or three hours until the charge lamp is off. It is recommended to charge the battery for 4 hours before its first use. When the battery is fully charged, the charger lamp goes out immediately. Unplug the charger when it is not in use.

2. Using the DUAL-Play when the battery is discharged (power supplied from AC or DC charger):

The DUAL-Play can be used while the battery is fully discharged by using the charger cable.

**3. Using the charger cable:**

Connect the DUAL-Play (with the battery inserted) and charger with the connection cable provided. It is VERY IMPORTANT when using the charger cable with the DUAL-Play to insert it AND remove it from the on-board power jack by holding the connector end. Pulling only on the cord to remove it from the jack or inserting it in an improper manner can result in permanent damage to the jack.



When initially charging the battery, it is recommended to leave the battery in the charger for more than 2 hours, even if the charger LED stops illuminating. Under certain conditions, the charger LED may falsely turn off before the battery is fully charged. Leaving the battery in the charger for at least 2.5 hours will ensure a full charge.

BATTERY AND CHARGER(AC AND DC CHARGER) USAGE 21**Note :**

1. Do not play DUAL-Play in a car cassette deck when charging the battery with the DC charger and charging cable, noise and other interference may result during playback.
2. If the battery is not used for a week or longer, it may lose part or all of its charge.
3. If the battery is repeatedly recharged before being discharged completely, its total playing time may be reduced.
4. If the battery playing time is significantly shorter than when you purchased the unit, you may need to purchase a new battery.
5. You may charge the battery for an additional 30 minutes after the charge lamp has turned off to ensure a full charge.

TROUBLESHOOTING PROBLEMS**22**

The DUAL-Play will not download digital files from the PC.

- ⇒ Verify that the unit is switched "On".
- ⇒ Check to see if the battery is fully charged.
- ⇒ Check the cable connection to the USB port.
- ⇒ Verify that the battery has been inserted correctly.

The DUAL-Play will not play.

- ⇒ Verify that the unit is switched "On".
- ⇒ Verify that the battery has been inserted correctly.
- ⇒ Check to see if the battery is fully charged.
- ⇒ Verify that the player is inserted correctly into the tape deck.
- ⇒ If used in a cassette deck, check tape player direction (DUAL-Play will only play properly in one tape direction).
- ⇒ Verify that the MMC card is inserted properly, if applicable.

The DUAL-Play sound is not clear in a cassette deck, or sound comes only from the left or right speakers.

- ⇒ Verify that the unit is on.
- ⇒ Adjust the tape head control position for optimal alignment with the tape deck head.
- ⇒ Reposition the DUAL-Play with the front side down and press auto-reverse to play bottom side.

The M•ANY Loader does NOT recognize the hardware connection.

- ⇒ Verify that the unit is switched "On".
- ⇒ Verify that the battery has been inserted correctly.
- ⇒ Check to see if the battery is fully charged.
- ⇒ Check the cable connection to the USB port.
- ⇒ You may need to re-install the software.

TROUBLESHOOTING PROBLEMS**23****Note :**

Please disconnect the device from PC, turn power off and on after inserting a charged battery. After LED flickers in amber color one time connect the device with a USB cable.

If "No memory found" is shown again;

- Check if the USB cable is connected to device and the PC properly.
- Connect the USB cable to another USB port.
- Check if there is "USB Flash Memory Controller Driver" in My computer -> Control Panel -> System -> Device Manager.)

If there is "!(or?) USB Driver" or "!(or?) Untitled Device", the USB driver may not have installed correctly or is not properly recognized. In this case it is necessary to reinstall the USB driver. To install of USB drivers, please refer to "The inability to get access to Memory" in the Help menu of the program.

- If there are no contents related to USB in My computer -> Control Panel -> System-> Device Manager, you may have to check if your computer is compatible with the USB driver.

- Check if there is a conflict between hardware devices in My computer -> Control panel -> System -> Device Manager. (Hardware conflicts between hardware devices show a "!" or "?" mark in front of the device name.) If you can find conflict between hardware, Delete the conflicted hardware and reboot computer.

The DUAL-Play does not respond to cassette deck controls(Play, FF and/or Rew) when first used in a cassette deck.

Rotate the DUAL-Play cassette wheels manually using a finger in a clockwise and counter clockwise motion 4~5 times. Re-insert the DUAL-Play into the cassette deck.

Please visit theHyan Won website at www.m-any.com for the latest updates and software upgrades for the DUAL-Play.

INSTALLING THE USB DRIVER

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If a USB driver to control the DUAL-Play already exists on the PC, there is no need to install a new driver.

Insert Software CD into CD-ROM Drive (Do not execute the installation program.) Connect the DUAL-Play to PC with the USB cable.(If there is no USB driver to communicate between the DUAL-Play and the PC, the "New Hardware Wizard" will appear on the screen.)

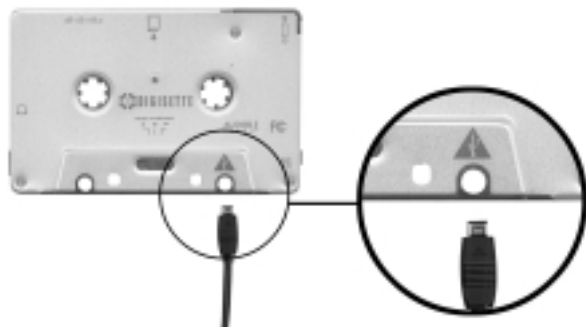
Proceed the installation following the on-screen instructions.

When the location of the drive is asked, select the folder of your CD-ROM. (When the installation finishes once, The New Hardware Wizard will appear on screen again.)

Follow the on-screen instructions to complete the installation of the USB driver.

Important Note:

When connecting the cable with DUAL-Play, ensure the correct orientation of the connector end, and do not force the connector. Improper connection with the USB cable can cause damage to the computer and/or the DUAL-Play.



WARRANTY SERVICE

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Customers are entitled to warranty service for a period of one (1) year from the date of purchase. Warranty service does not apply to defects resulting from customer fault or acts of God.

Non-warranty service shall apply to defects resulting from:

1. Infiltration of foreign matter, such as water, liquid, or sand.
2. Breakage due to dropping or severe impact.
3. Damage to or deformation of the outer case caused by organic solvents, such as benzene.
4. Use of parts other than those certified by the manufacturer.
5. Loss or breakage of any parts or components caused by unauthorized disassembly.
6. Repair or modification done by any persons other than manufacturer authorized personnel.
7. Acts of God, such as lightning, storm or flood.

For more warranty information and service options, please visit the Hyun Won web site at <http://www.m-any.com>.

Specifications

Cassette Tape Type Digital Audio Player

- Size (WxHxD) : 100.4x63.8x12mm
- Weight (w/o battery) : 55 g
- Memory(on-board) : 32 / 64 / 128 MB
- Memory Expandible with MMC Card
- Power Supply : 1.2V Rechargeable Ni-MH Battery
- Earphone Output : 5 mW
- S/N Ratio : 90 dB
- Frequency Response : 20Hz ~ 20 KHz
- PC Interface : USB Port
- Required PC OS : Windows 98, ME, 2000

VOICE RECORDING, MUSIC ENCODING**26****Recording time**

- 1) Direct MP3 recording : about 30 minutes based on 32 MB memory
- 2) Voice Recording : 130 minutes based on 32 MB memory

Recording format

- 1) Direct MP3 recording : MP3_###.MPE
- 2) Voice recording : ADPCM

Recorded files display

- 1) Direct MP3 recording : MP3_###.MPE
- 2) Voice recording : ADP_###.ADP

Recording is not possible in following Cases

- 1) Battery charge is not enough.
- 2) The free memory is not enough

Recording stops automatically in following cases

- 1) Battery gets discharged.
- 2) Memory becomes full during recording

NOTE

- 1) Recording can be done on on-board flash memory only, not on MMC memory
- 2) All ADPCM and MP3 files can be deleted directly from device by above-described method.
- 3) The "REC" position of power switch also functions as a "HOLD" switch, disabling the function of the on-board control buttons.

VOICE RECORDING, MUSIC ENCODING**27****1. VOICE RECORDING**

- 1) Slide the power switch to "REC"(HOLD) position.
- 2) Press the "PLAY" button for more than two seconds
Voice Recording will be in progress while LED is flashing between amber and green colors.
- 3) Press "STOP" button to stop recording.
Then LED turns off and recording is finished.

2. DIRECT MP3 RECORDING

- 1) Slide the power switch to "REC"(HOLD) position
- 2) Follow next steps for recording in recording deck;
 - a. Insert device to a recording deck.
 - b. Press "Record" button on the deck player while other device connected to the recording deck player is working.
(Recording method could be different depending on deck player.)
 - c. Press "STOP" button of deck player to stop recording.
- 3) Follow next steps for recording through encoding cable;
 - a. Connect audio output port of normal audio player and earphone port of DAH-200M with encoding cable
 - b. Press FF and Play buttons simultaneously for more than 2 seconds.
 - c. Recording will be in progress while LED is flashing between amber and green colors.
 - d. Press "STOP" button of DAH-200M to stop recording.
Then LED turns off and recording is finished.

3. REPLAY

- 1) Slide power switch to "ON" position
- 2) Press "PLAY" button.

4. DELETING(directly from device)

- 1) Press "STOP" button while the selected file is being played.
- 2) Slide power switch to "REC"(HOLD) position.
- 3) Press the "STOP" and "PLAY" buttons simultaneously for more than two seconds.
- 4) Then LED turns on and off in a green color for indicating that the selected file is deleted.

FCC RF INTERFERENCE STATEMENT

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NOTE :

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 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 technical for help.
- Only shielded interface cable should be used.

Finally, any changes or modifications to the equipment by the user not expressly approved by the grantee or manufacturer could void the users authority to operate such equipment.

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 UNDESIRE OPERATION.

DUO *Aria*™ digital **E** cassette

>>> mp3 >>> digital audiobooks >>> spoken word >>> wma >>> mp3 >>> digital audiobooks >>> spoken word >>> wma >>> mp3 >>>

owner's manual

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