mobiBLU
www.mobiblu.com

mobiBLU **DAH-1500S**
User's Manual

CUBE DIGITAL AUDIO PLAYER

1

Before Starting

🎵

⚠ Safety Precautions
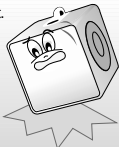
- Avoid humidity and dust.

- Do not disassemble or modify the product.

- Keep unit away from heat and direct sunlight.

- Do not drop the unit.

- Using chemical or other cleansers may damage the unit's surface.

- Do not touch with wet hands.

⚠ Safety Precautions

- Distributing music files without authorization is against copyright law.

- The manufacturer is not responsible for any damage caused to data saved in the unit if caused by user. We do not guarantee that data will not be lost during service or repair.

- Listening to loud music may cause hearing loss.

- Do not use earphones while riding a bicycle or motorcycle, or while driving a car.

- Reset the unit immediately if you detect excessive heat is being generated by the unit. Contact an service center.

⚠ Safety Precautions

Safety matters for AC Adaptor

⚡ ● To avoid shock do not open the unit. ⚠

● Non-insulated parts in the AC adaptor may cause electric shock. Don t open the adaptor case.

● Carefully read the manual for instructions on proper use of the AC adaptor.

Warning!

Prevent the AC adaptor from contacting water to avoid fire or electric shock. Use enclosed adaptor in the package only to ensure the safety. (Manufacturer is not responsible for any trouble caused by using other adaptors).

Note!

Use correct outlet socket to connect with the power plug to avoid electric shock. The power plug shall not be exposed outside when it is successfully connected into the socket.

⚠ Safety Precautions

Built-in Battery

● Don't use a damaged built-in battery or AC adaptor.

● Exceeding the recommended recharging time may cause a fire.

● Fully recharge the battery before initial use or after a lengthy period of inactivity.

● When the battery no longer holds its charge despite being fully recharged; it's time to replace it.

● To avoid fire or electric shock do not allow metal parts on the DC converter to come in contact with conductive materials such as metals, water etc.

● To prevent fire and electric shock avoid contact with water.

Special Features

World's smallest Mp3 Player
Super compact size (24*24*24mm) and weighs only 18 grams!
A fully featured MP3/audio player that fits in the palm of you hand!

OLED Display
The latest in display technology provides superior sharpness and brilliance over standard LCDs.

Six Preset EQ modes plus one User-set EQ mode
Features 6 preset equalization modes; Normal / Rock / Jazz / Pop / Classic / Live and you can also customize equalization to suit your sound.

File Navigation System and Unlimited Folder Capacity
The player can play MP3 files saved in multiple folders. Those files and folders can be selected and played as if in a Windows environment.

Easy & Convenient Clock
Built in clock keeps you on time.

Special Features

PC Peripheral Device
By connecting the product to PC, the Windows system identifies it as a removable disk. No additional software needed.

Built-in Lithium-ion Battery
No extra battery or recharger is required. This advanced battery system is easily recharged by connecting into the USB port on your PC.

Resume Function in Second Unit
Settings are automatically restored when the unit is powered ON in case of sudden power down.

Firmware Upgradeable
Firmware is easily upgradeable to new features and functions.

Technical Specifications

Functions	Items	Specifications
Audio	Frequency Characteristics	20Hz ~ 20KHz
	Headset Output	Max. 15mW (16 Ω) Max Volume
	S/N ratio	90dB
Supporting Files	File format	MP3, WMA
	Bit rate	MP3 : 8~320Kbps, WMA : 32~192Kbps
USB	Download speed	6Mbps (USB Ver 1.1)
Max. Running Time		17 hours
Operating Temperature		-5℃~70℃
Size (W × H × D)		24 X 24 X 24 (mm)
Weight		18 (g)
Battery (Built-in)		Li-ion

Accessories

* Accessories shown below may be different from purchased products.
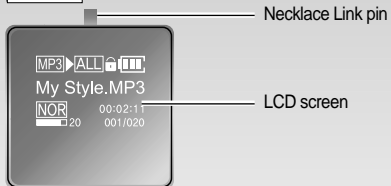

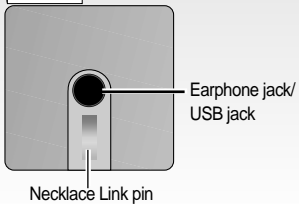USB / Charging Cable

Program CD
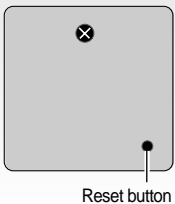

User's Manual

Necklace Earphone

Part Specifications

Front

Necklace Link pin

MP3 ▶ ALL 🔒 📶
My Style.MP3
NOR   00:02:11
▬20   001/020

LCD screen

Top

Earphone jack/ USB jack

Necklace Link pin

Bottom

⊗

Reset button

Part Specifications

Sides

Necklace Link pin

Power/ Play/ Pause
FF/ REW/ VOL+/ VOL-

Necklace Link pin

MENU/ Navigation

Hold/ Clock button
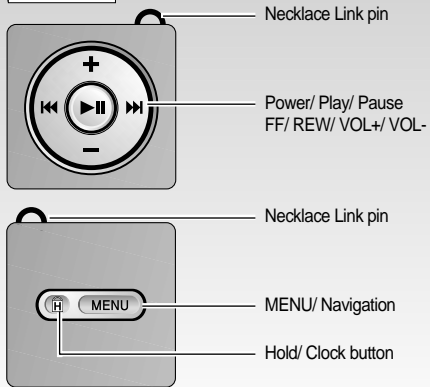
Buttons

- Power ON/OFF
- File Play/ Pause
- Move to Submenu/ Menu Set-value Save

- Searching Previous/Next File
- Move to Left/Right Menu
- Move to Navigation sub/preceding Folder

- Volume Up/Down
- Move to Upper/lower Menu
- Move to Navigation sub/preceding folder or file

MENU
- Move into Menu/ Navigation Mode
- Move to preceding Menu

- Hold
- Clock View

LCD Display

Music Mode

A B C D E

MP3 ▶ ALL 🔒 ▐███▌

My Style.MP3 — F

I — NOR   00:02:11 — G
J — ███ 20   001/020 — H

A: Displays file format currently playing
B: Displays file status (Play/ Pause)
C: Displays play mode
D: Displays hold status
E: Displays battery status
F: Displays file title

G: Displays file elapsing time
H: Displays current file No./ total file number
I: Displays EQ
J: Displays volume

Recharging

1. To recharge the battery use the USB cable to connect the unit to the PC.

2. LCD screen shows the icon change from [⚡] to [▮▮▮] when it is fully recharged.
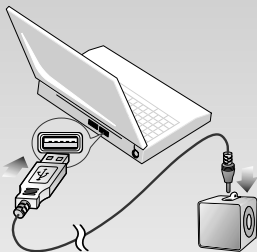
Note!

- It takes approx 3 hours to completely recharge a fully discharged battery.
- Recharging is not interrupted while downloading/uploading files from/to PC.
- Recharge the product using USB cable when LCD screen is not activated.
- LCD screen shows [⊠] when any error in recharge process occurs. Try to recharge few times more. If the error recurs, contact an Service Center.

Power

1. When the unit is turned on initially the battery icon indicates various charge levels.

[▮▮▮] ➡ [▮▮] ➡ [▮]
(Full)   (Mid)   (Low)

2. Duration of continuous play.
   17 hours under the following conditions:
   ① MP3: 128Kbps, 32Khz
   ② Volume is set no higher than 15
   ③ Power Volume is not in use

※When to recharge the battery:
① Buttons are not functioning properly.
② LCD is not activated by pushing the power button.

Connecting to a PC

Note!

- What's USB (Universal Serial Bus)? This is a new connection system between PC and peripheral devices.
- Connect the USB cable supplied with the product into a USB port in PC. Any unexpected error can be happened when connecting to the USB port in front of PC or USB hub.
- Windows version 98SE or lower will not detect the Unit as a peripheral device. To have your PC detect the player Install the Program CD supplied.

USB cable connection

Connect one end of the cable into a USB port on the back of your PC and the other end to the earphone jack of the Unit.

Disconnecting

■ Windows ME, 2000 and XP Operating Systems

1 Double click on the green arrow on the right-bottom part of the initial Window screen.

3:27 AM

Double Click

2 Click on "Stop" and "OK" after selecting "USB High Capacity Storage Device"

Click

Click

Disconnecting

3 Click "OK" on "Safe To Remove Hardware" window and remove the cable.

Safe To Remove Hardware

ⓘ The 'USB Mass Storage Device' device can now be safely removed from the system.

OK *Click*

■ Disconnecting with Windows 98SE

• Open "My Computer" or Windows "Search".
• Select "Removable Disk".
• Using the right mouse button select "Remove".
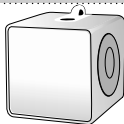• Remove the USB cable.
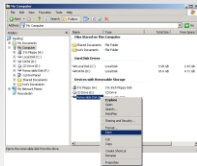
Note!

● Removing the cable without following the instructions above will display a warning message and may cause a fatal error in PC or the product.
● Removing the cable while downloading or uploading files, or while formatting files may cause a fatal error in PC or the product.

2 Basic Operations

Power ON/OFF

Turn Power ON

(▶❚)   Press and hold the play/pause button to turn the power on.

Note!
- When the battery needs recharging the LCD will display the 'Battery Low' icon.
- Recharge the battery when LCD is not activated.

Turning Power OFF

(▶❚)   Press and hold the play/pause button to turn the unit off.

Note!
- When no button manipulation in pause condition is done after the set period of time for "Auto Power Off," it automatically turns off the power.
- In case with no earphone connected after a certain period time, it automatically turns the power off.
- When you try to play a file after the restarting of the product, it completely recovers all previous setting. All track numbers, equalizer and other settings are recovered. (Resume function in second unit)

Playing Music

Playing file

(▶❚)   Press the play/pause button once to play a selected file.

Stop

(▶❚)   Press the play/pause button once more to stop play.

Volume control

- Press "+" or "-" to increase or decrease the volume incrementally.
- Press and hold "+" or "-" to increase or decrease the volume continuously.

Playing Music

File Selection

While playing music file

Press the file selection buttons once to skip to the next or previous file and the file will play.
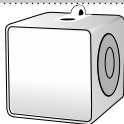
When music is paused

Press the file selection buttons to skip to the next /previous file without playing the file.
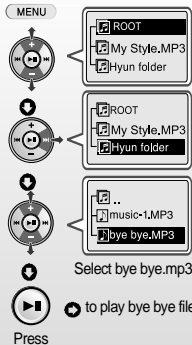
3 Common Functions

File Navigation

Press and hold the "Menu" button to access the player's main menus.

MENU

ROOT
My Style.MP3
Hyun folder

ROOT
My Style.MP3
Hyun folder

..
music-1.MP3
bye bye.MP3

Select bye bye.mp3

to play bye bye file.

Press

ROOT
My Style.MP3
Hyun folder ─ music-1.MP3
bye bye.MP3

Choose Hyun Folder and press the "Fast Forward" button.

Note!

- Press the "Rewind" button to move to upper-level folders.
- Press MENU to exit Navigation mode.
- Folder icon
- File icon

Hold

Hold Mode Functions

H

Press and hold the hold button (H) to pause all functions.
Press the button once again to resume normal functioning.

Note!

- All buttons and functions are deactivated in Hold Mode.
- is changed to when it is in Hold.

Time

Press (H) once to view the current time. Press the button again to exit.

Note!

Set the time by pressing the "Menu" button until you reach "Etc Set". Then select the "Set Time" option. (See page 43 for more details)

Auto Power OFF

Auto Power OFF

ALERT!

Jack unplug

■ When the earphone has not been connected for a certain period of time (1minute), LCD displays "Earphone jack unplugged!" and it turns the power off.

Note!

If you reconnect the earphone, the power will not turn off.

4

Menus

Menu List

Menus available in the product are as follows

```
MENU ─── MUSIC SET ─── Equalizer ─────── Normal
                                         Rock
                                         Jazz
                                         Pop
                                         Classic
                                         Live
                                         User

                       User Equalizer ── Base
                                         Treble

                       Play Mode ─────── All Repeat
                                         Folder Repeat
                                         All Random
                                         Folder Random

                       Audio Boost ───── off
                                         on
```
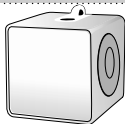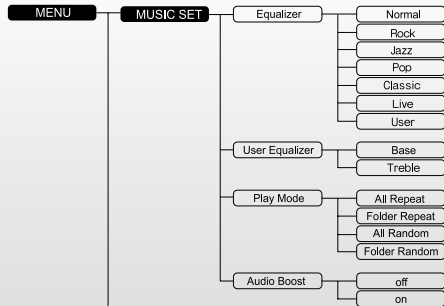
Menu List

```
DISPLAY ─── Backlight On Time
            Contrast
            Language(언어) ─── English
                             한국어
                             中國語(繁體)
                             中國語(簡體)
            Use ID3 ───────── File Name
                             ID3 Tag
            Scroll Speed ──── Twice
                             Normal

ETC SET ─── OS Ver
            Memory
            Set Time
            Auto Power Off
            Sleep Mode
            Default
```
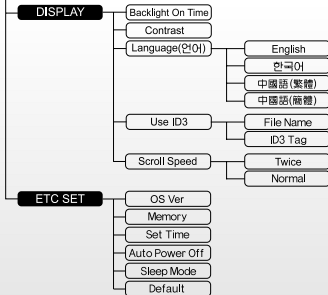
Main menu	Sub menu	Set menu
There are five main menus. Each menu contains sub menus.	There are sub menus, Set menu under each main menu.	
DISPLAY	Backligh Contrast Language	Contrast 07

Menu Buttons

Menu Button Functions

1. View Menus

Press (MENU)

2. Searching Menus

MUSIC SET
MUSIC SET DIS ETC

or

➜

DISPLAY
SND DISPLAY ETC

3. Entering Sub Menus, Set menu

DISPLAY
SND DISPLAY ETC
➜ (►II)
Press
➜ Backligh
Contrast
Language
➜ (►II)
Press
➜ Contrast
07

4. Modifying & Saving Set Value

Contrast
07
➜ or ➜ Contrast
08
➜ (►II)
Press

Menu Buttons

Menu Button Functions

5. Returning to preceding Menus (Main or Sub)

Contrast
07
➜ (MENU)
Press
➜ Backligh
Contrast
Language
➜ (MENU)
Press
➜ DISPLAY
SND DISPLAY ETC

Press and hold (MENU) to exit Menu Mode.

Example) Set brightness to 7 in 'Contrast'

DISPLAY
SND DISPLAY ETC
➜ Backligh
Contrast
Language
➜ Contrast
07

(MENU)
Press
➜
Press
➜ (►II)
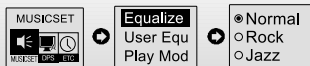Press
➜
Press
➜ (►II)
Press
➜
Press
➜ (►II)
Press
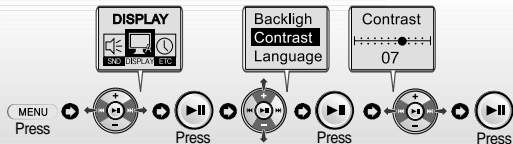
Music Set

Select " Music Set " from the main menu.

Equalizer

Select "Equalizer" to select an equalization mode suited to the genre of music you want to play (i.e. Normal, Rock, Jazz, Pop, Classic, Live, User Set).

MUSICSET ➜ Equalize / User Equ / Play Mod ➜ ⊙ Normal / ○ Rock / ○ Jazz

User Equalizer

Customize the equalization by selecting Music Set>User Equ>Base/Treble.
You can set the base and treble ranges between -7 and +7.

MUSICSET ➜ Equalize / User Equ / Play Mod ➜ Base / Treble ➜ Base ⊢······•······⊣ 0dB

Music Set

Play Mode

In 'Play Mode' you can select how you want to play your files (i.e. Repeat all files, Repeat files in the folder, Random play in sequence, Random play in the folder).

MUSICSET ➜ User Equ / Play Mod / Audio B ➜ ⊙ All Rep / ○ Folder / ○ All Ran
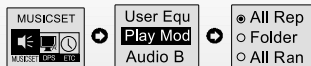
ALL   All Repeat : all music files are repeatedly played in sequence.

FLD   Folder Repeat : music files in current folder are repeatedly played in sequence.

ALR   All Random : all files are randomly played.

FLR   Folder Random : files in current folder are randomly played.

Music Set

Audio Boost

With Audio Boost you can enjoy enhanced sound with increased power output.

MUSICSET	User Equ	⊙ Off
MUSICSET DPS ETC	Play Mod Audio B	○ On

Off : Files play at normal volume and power output.
On : Files play at higher volume with higher power output.

※Note! ⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯⋯
Since Audio Boost uses more power it consumes battery life quicker than normal mode.
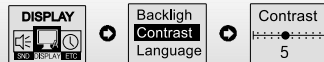
Display

Choose "Display" from the main menu

Backlight On Time

It enables you set backlighting periods of LCD among 5, 15, 30 seconds and always ON.
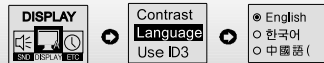
DISPLAY	Backligh	Backligh
SND DISPLAY ETC	Contrast Language	15SEC

Contrast

This function let you set the brightness of LCD from 1 to 10 levels.

DISPLAY	Backligh	Contrast
SND DISPLAY ETC	Contrast Language	5

Language

You can select preferable language of English, Korean or Chinese.

DISPLAY	Contrast	⊙ English
SND DISPLAY ETC	Language Use ID3	○ 한국어
		○ 中國語 (

Display

Use ID3

The function enables you set music file information (File name, ID3 info) displayed on LCD. 'USE ID3' allows you to enter additional information about your saved files.
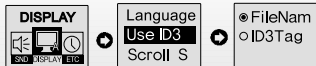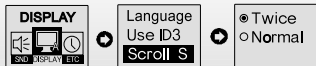

File Name : Displays file names

ID3 Tag : Displays ID3 tags instead of file names

※Note! ………………………………………………………
Files with no ID3 tag info displays file names only.

Scroll Speed

This function sets text scrolling speed on LCD display. Choose between Fast ('Twice') and 'Normal'.

Twice : File names scroll at higher speed on LCD.

Normal : File name streams on LCD at normal speed.

Etc Set

Select 'Etc Set' from the main menu

OS Ver

The function shows unit firmware information ('OS').

Memory

Displays Total memory, Used memory, and Free memory.

Set Time

Select 'Set Time' to set the time, day, date, month and year.

Band Move ← → Level Set

※Note! ………………………………………………………
Press the 🎧 button to view the set time in Play.

Etc Set

Auto Power Off

Using this feature while the unit is paused or stopped allows you to set the unit to turn off automatically after a set time (30 seconds/ 1minute/ 2minutes/ 5minutes/ 10minutes or disabled) while playing as long you don't touch the controls otherwise.
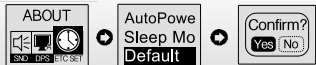
ABOUT	SetTime	AutoPowe
SND DPS ETC SET	AutoPowe	
	Sleep Mo	2Min
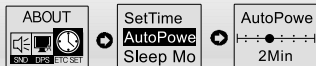
Sleep Mode

You can set the power to automatically turn off after a set period of time (10/ 20/ 30/ 60 minutes or disabled).

ABOUT	AutoPowe	Sleep Mo
SND DPS ETC SET	Sleep Mo	
	Default	20Min
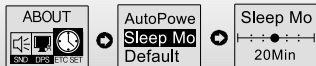
Default

Selecting the default initializes all preset settings.

ABOUT	AutoPowe	Confirm?
SND DPS ETC SET	Sleep Mo	Yes No
	Default	

Yes: All preset information is initialized.   No: Cancels initialization.

5 Program ♫
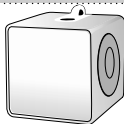
Installing the Program CD

System Requirements

Minimum requirements for PC system are as follows
- Microsoft OS (Windows 98SE, ME, 2000 or XP)
- CD-ROM Drive
- Pentium 200Mhz or more
- RAM 32MB or more (64MB for Windows ME or later version)
- 128MB or more hard disk space
  (Additional hard disk may be needed for saving music files)
- USB port available
- Mac. 9.X-X

Installing the Program CD

Note!
- The Program CD allows you to upload or download files without installing other additional software.

- For Windows 98SE Users: install the software first before using the player (otherwise, PC will not detect the player as a peripheral).
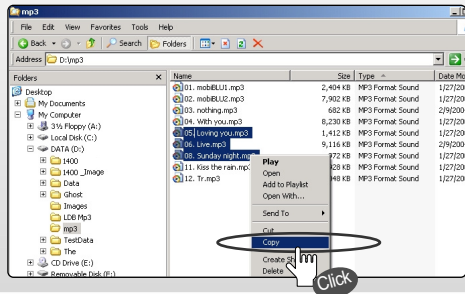
Downloading/ Uploading Files

Downloading or uploading files

Note!
- The unit downloads or uploads all types of data files (*. jpg, *. xls, *. hwp, ...). It functions as a removable disk as well as an MP3 player.
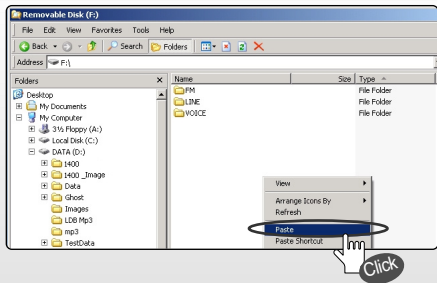
1. To download files connect USB cable, select your file and right click on "Copy".

Downloading/ Uploading Files

Downloading or uploading files

2. Click on "Paste" in 'Removable Disk' window using right mouse button.
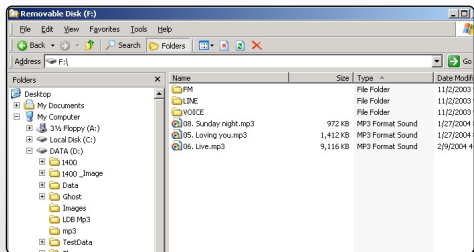

Note!

- Your PC will identify your cube as a removable disk under 'My Computer'.
- Do not remove the USB cable while transferring files. Doing so may cause fatal error in the PC or player.

Downloading/ Uploading Files

Downloading or uploading files

3. Downloading selected files to your player is complete.

Note!

- Reverse steps 1 to 3 to upload files from the unit to your PC.
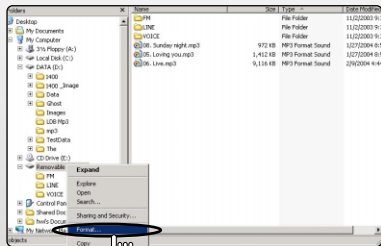- You can also drag & drop to download/upload files.

Format

Format

Note!

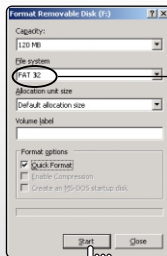- Deleted files cannot be recovered after the device has been formatted!

1. Select "Format" by right clicking on the 'removable disk' folder in PC Windows.

Click

Format

Format

2. Click on "Start" when the format window pops up.

Check if file system is set for FAT32

Be very careful at format!

Click

Click

3. Formatting completed.

Click

MEMO

6

Support 🎵

Troubleshooting

1. Unit will not turn ON?

- Check the battery capacity.
- Recharge the battery with USB cable.
- Check to see if the unit is on HOLD.

2. Buttons are not working?

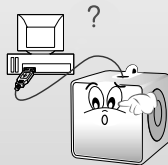- Check to see if the unit is in Hold Mode.

Troubleshooting

3. Files are heard with a lot of interference?

- Ensure that earphones are inserted securely into the unit.
- Check your volume setting.
- Electronics in the immediate environment may be interfering with unit functioning.

4. Problems downloading files?

- Check USB cable connection.
- Check available memory capacity.

Troubleshooting

Troubleshooting

5. LCD is not activated?

● Check LCD brightness setting (Menu> Display> Contrast).

● Check the battery. Recharge it with a USB cable if needed.

FCC RF INTERFERENCE STATEMENT

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 technician for help.
- Only a shielded interface cable should be used.

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

CAUTION

Changes or modifications not expressly approved by the manufacturer could void the warranty.

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.

Warranty Card

Product Name:

Model:

Date of Purchase: (m)   (d)   (y)

Name of Customer   Telephone Number:

Address:

Name of Agent: Telephone Number:

Address:

1 year from the date of purchase.

HW Hyun Won Inc.

- You need to present this Warranty Card with the date of purchase written thereon when required in order to receive satisfactory services. Please keep this card in a secure place.

1. The warranty service for the product shall be provided based on the information contained in this Warranty Card.
2. The warranty service is available effective from the date of purchase, so please put the date of purchase on this Warranty Card. (If the date of purchase is not identified in the card, the effective warranty period will start from the date 6 months from the date of manufacture.)
3. This Warranty Card can not be reissued

The design and size of the product are subject to change without prior notice in order to improve product quality.