APPENDIX H

: USER'S MANUAL

User's Manual

●**Thank you for purchasing the NEOSOL CLIOD Portable Multimedia Player/Recorder/TV.**
Read this manual carefully before using the CLIOD. A good understanding of its features and operation will allow you to achieve optimum performance and enjoyment.

Please keep this manual for future reference.

●The content of this manual is furnished for informational use only; it is subject to change without notice, and should not be construed as a commitment by NEOSOL CO., LTD. NEOSOL assumes no responsibility or liability for any errors or inaccuracies that may appear in this document.

NEOSOL CO., LTD
http://www.neosoltech.com

General Features

*** What is CLIOD?**
The NEOSOL CLIOD Portable Multimedia Player/Recorder/TV features one of the world's first implementations of OLED (Organic Light Emitting Diode) technology in a portable media recorder/player/TV. The CLIOD is a personal TV receiver (Off Air or Cable) with program recording and playback capability. The NEOSOL CLIOD also features a Multi-Media Video Player, MP3 and WMA Music Player, JPEG slide show viewer and audio/video recorder. Enjoy your media on the stellar OLED screen or connect the video/audio output to your projector or TV for an enhanced viewing experience.

Small and Light - Its small, light, compact and sleek contemporary design makes it highly fashionable and cool. The CLIOD fits easily in your shirt pocket, purse or in the palm of your hand, and weighs in at only 5.1 ounces with the battery! The CLIOD is the ultimate in portable entertainment.

EASY to Use - The integrated USB2.0 interface allows easy drag and drop file transfer capability. The on screen display navigation is a dream to use. You can access your files and play them with just the flip of a joy stick. It's that easy!

Integrated OLED Screen - No matter how you hold the CLIOD you can be rest assured that the picture displayed on this Portable Multimedia Recorder/Player/TV will be clear and bright from any viewing angle. The integrated OLED (Organic Light Emitting Diode) display is a revolution in display technology. It offers brilliant, vivid and vibrant color with striking brightness unmatched by any other small screen portable player. The picture quality of CLIOD OLED is phenomenal!

Super Fast OLED Response Time - With our industry leading 5ms panel response time moving objects are not blurred and video is seen with the utmost clarity, sharpness and detail.

Music Player - Listen to your favorite music in either MP3 or WMA file format. Just drag and drop your music files directly into the CLIOD and enjoy!

Video Player - The CLIOD offers you the ultimate in video media flexibility. You can store and play video files such as DIVX, XVID, WMV9, AVI and ASF. Its not enough just to take your music with you, with the CLIOD you can take your videos with you too. Now that's convenience!

JPEG Picture Viewer - CLIOD's integrated Digital Album allows you to drag and drop your JPEG digital camera pictures into the Player and create slide shows or slide presentations. Share your pictures with family and friends!

TV/Cable Ready Tuner and Recorder - Connect the included telescoping antenna or attach a cable line to your CLIOD and tune in your favorite shows or sports programs. You can watch your favorite programs and record them! While you're at it, you can also rewind and fast forward through them too!

Real Time Recorder - Record your family videos, your company training videos or connect directly to your video camera for some real time recording. The integrated audio/video input and recording capability of the CLIOD allows you to connect to

your DVD or VCR so you can take your favorite video recordings with you wherever you go.

File Storage and Back up - Since the CLIOD acts as a mass storage device you can download or back up virtually any file to the internal 1" subminiature HDD. You can carry your files wherever you go and have them ready whenever you need them.

Voice Recorder - The integrated Voice recorder allows you to record meetings and conversations or just to take notes. It's a great way to remember your next appointment or to create a to-do and shopping list.

Big Screen Playback - For the ultimate in viewing pleasure the integrated video output of the CLIOD allows you to connect it to your big screen TV or projector. Any video or music file recorded on the CLIOD can be watched on your big screen display or heard on your stereo system.

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What is included in the box?

CLIOD Portable Recorder

Earphone/Ferrite Core

Audio/Video In/Out Cable

USB Cable

AC Adapter

Power Supply Cord

※Accessories are subject to change without notice.

※When connecting earphone / core
- Refer to the antenna connection diagram located on page 16

User's manual

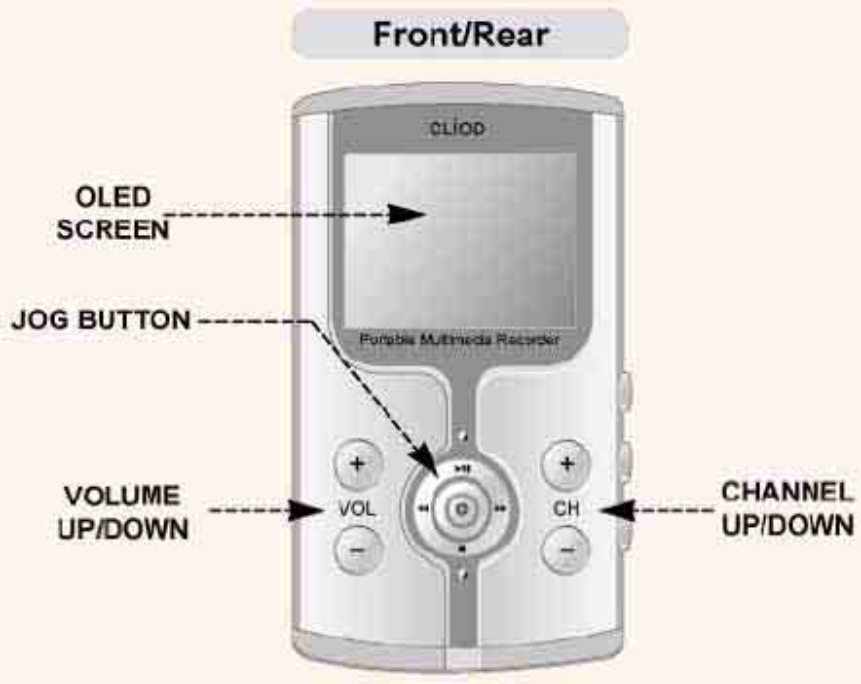
Telescoping Antenna

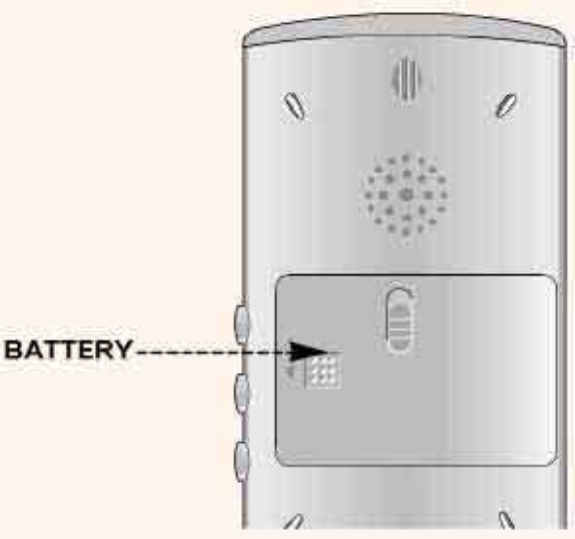
RF Adaptor / Ferrite Core

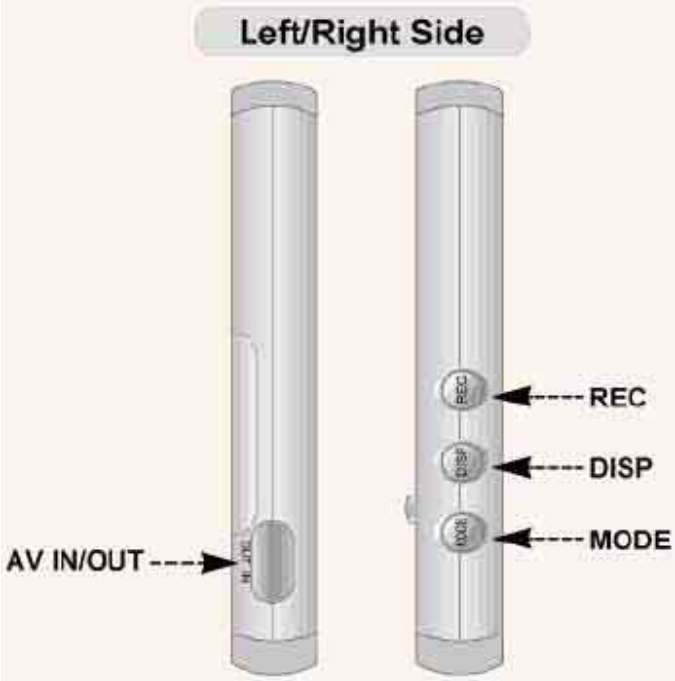
Carrying Case

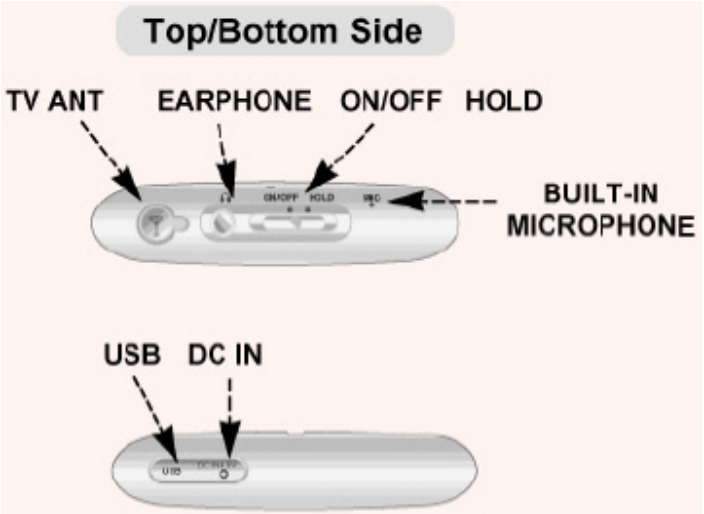
Installation CD

Controls and Connections






Left/Right Side
REC
DISP
MODE
AV IN/OUT


Top/Bottom Side
TV ANT
EARPHONE
ON/OFF
HOLD
BUILT-IN
MICROPHONE
USB
DC IN

Important Product Safety Instructions

※Follow and obey all warnings and instructions. For your safety, please read all of the safety and operating instructions before you operate this product and keep this booklet for future reference.

CAUTION!

Do not attempt to open and service this product yourself. Doing so may further damage the product.
If any service is required, please contact the location of purchase or our website (www.neosoltech.com).

WARNING!

Copying CD, music, video, image files for sales purpose violates the copyright law.
Copying all or part of data, art, presentation protected by copyright law may require authorization from the owner of the copyright; hence you should be aware of the all laws governing copyright in your country.

Other Warnings & Precautions

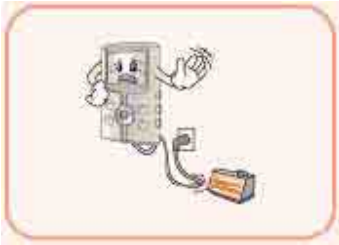
Avoid exposure to direct sunlight, and do not place this unit near any heat sources such as radiators, heat registers, stoves, etc..

Do not place this unit near water or moisture for extended periods of time.

The plug should fit into the power outlet completely.

When using a power strip, do not overload it by connecting too many devices.

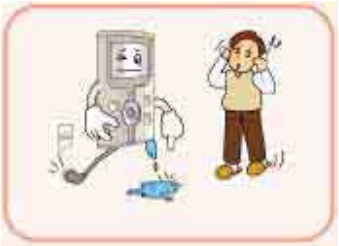
When unplugging the power supply cord, be sure to grasp the power supply plug firmly and remove.



Do not place the power supply cord near heat sources.

Do not touch the power supply cord when your hands are wet.

When the power plug pins are contaminated with dirt;
wipe them clean before plugging into the outlet.



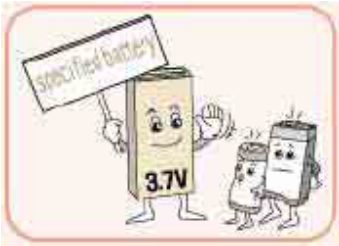
When water or foreign material gets inside the unit, first turn off the power switch on the unit, remove the battery and then call your Purchase location for service.

When smoke or strange smells occur, or foreign material is inserted, turn off the power, then call your Purchase location.

Do not drop or strike the unit.

When thunder or lightening occurs, do not watch TV.

When cleaning this unit, wipe with soft clean cloth. Do not use wet cloth, polishing agent, benzene, wax, or alcohol.



Only use specified batteries. Do not substitute.

Do not put this unit into heating appliances such as a microwave or oven.

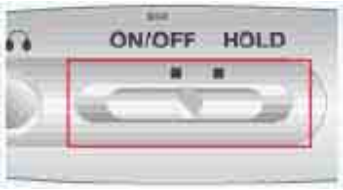
Do not damage the battery by sharp objects (awl, knife). Do not short circuit the battery contacts.

Do not use this unit while driving or walking. (You may cause or be involved in an accident).

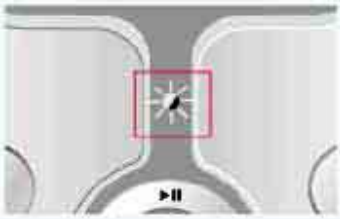
Keep batteries away from children. Do not allow children to put the batteries in their mouths.

Before Using

How to turn the power ON/OFF?



Pull and hold the Sliding Switch to the ON/OFF position for 3 seconds, then release.



Green lamp will flicker.

After boot up, the home page will appear.

STOP!

●To turn the power ON/OFF, pull and hold the Sliding Switch to the ON/OFF position, then release.

●If using the AC adapter; turn the power ON/OFF using the Sliding ON/OFF Switch AFTER the green lamp turns off.

●If the system will not operate:

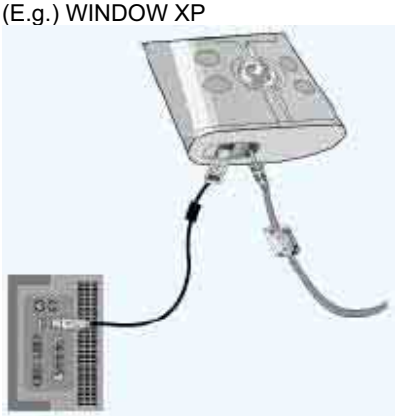
- Pull the Sliding Switch to the ON/OFF position for approximately 10 seconds, then release. The system will restart automatically.

If the system still does not work, disconnect the batteries and the AC adapter. Reconnect the power supplies and try again.

How do I connect to my computer and how do I download files?

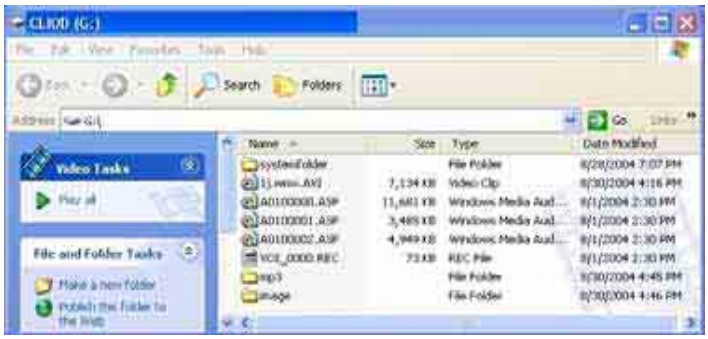
When connecting this unit to your computer for an extended period of time, check that the battery has a sufficient charge. If the battery is running low please connect the AC adaptor immediately to avoid any loss of data.

(E.g.) WINDOW XP



Connect the CLIOD to your computer with the USB cable.

After connecting, the PC recognizes CLIOD as new hardware.
The CLIOD will appear as a logical HDD on your PC.



Select a folder or file to be copied from "My Computer" or "File Search". Drag and drop the file into the CLIOD HDD.

You can create your own folders as desired.

Downloading will be carried out through the USB cable.

After finishing all downloads, execute "Hardware Safe Removal". This safely disconnects the CLIOD from your PC. After executing "Hardware Safe Removal", detach the USB cable.

Can I format the CLIOD internal Hard Drive?

Yes, but it is not necessary to do so. The CLIOD comes ready to use. If you desire to format the HDD then first backup all of the files contained in the “Systems Folder” of the CLIOD before formatting the hard drive (HDD) of this unit. After formatting the HDD, make a “System Folder” on the CLIOD HDD and copy the back up files into the folder

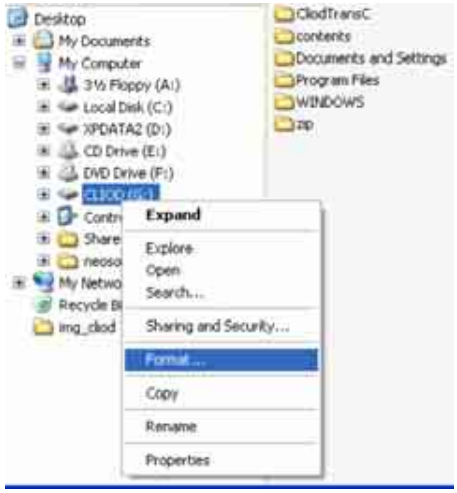
USB connected!

Please leave me alone!

This message will appear on the screen of the CLIOD when connected to the PC via USB.

Connect the CLIOD to your PC with the supplied USB cable.

Press " **OK** ".



Right Click on the CLIOD folder and select " **FORMAT** ".

Select the Capacity and File System, then press " **START** ".

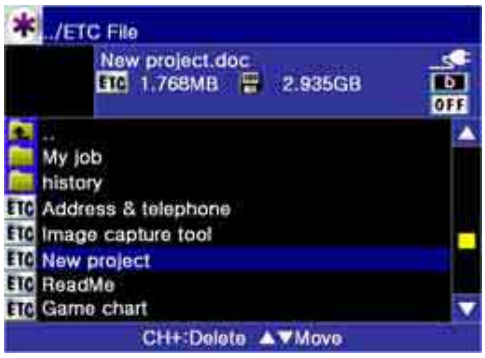
STOP!

●When formatting, select file system as FAT for 2.5GB hard

disk CLIOD, and FAT32 for 5GB CLIOD.

Is it possible to see files other than multimedia files in HDD?

Yes, files stored in the hard disk other than video, audio, JPEG, voice recording can be viewed by pressing the " **Mode** " Button and selecting the " **ETC.FILE** " Icon.



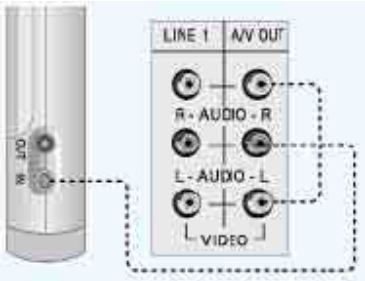
Various types of files can be shown in the Search File windows.

STOP!

- If the hard disk memory becomes full, you can delete files by using the **CH+** button.
- Files, except multimedia files, cannot be executed in the CLIOD. You can check if the files exist and then download them to your computer for viewing.
- Deleting a large file may take a longer than usual period of time. On occasion, during the deletion of a file the CLIOD may appear to have paused or stopped responding. This is temporary; after the file deletion has been completed, normal operation will resume.

Can I connect the CLIOD to external A/V equipment?

Yes. You may connect other Video and Audio devices such as a TV receiver, DSS, or VCR to the AV IN Connector.



STOP!

●Settings for external input are referred to Page 38. (When recording)

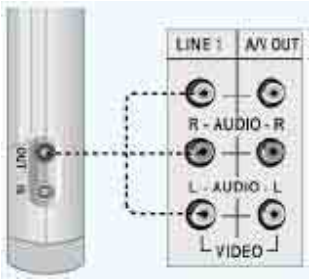
●To record while watching a program, press the REC button. To end the recording session, press the REC button again.

●The filename will vary for a recorded file depending on the external input signal.

1. A Video signal will be saved as VID_0000.ASF. Adding another video recording will increase the file number by one. E.g. VID_00001.ASF.
2. A TV signal, when recording via the antenna, will be saved as A0000000.ASF, whereas C0000000.ASF is for cable recordings. Additional recordings will increase the file number by one.
   (The 3-digit numbers immediately following the A and/or C in the file name will denote the channel that was recorded. Example: C0350002.ASF means that the recording was made from Cable Channel 35 and is the second recording.)

●You may select to record in ASF or JPG file format in the system set-up menu of the Other Function sub-menu (Page 38). If for example the REC button is pressed while watching TV and the JPG recording format is selected, a frame of the incoming signal will be captured and will be saved as a JPG file.

When viewing a file stored in the CLIOD on any external AV equipment (TV, monitor) (OUT)



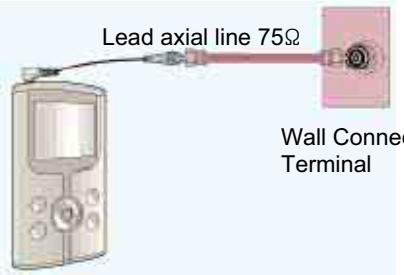
STOP!

●Be sure to use the cable supplied with this unit.

●Settings for output through the OUT terminal is referred to on Page 37
→OLED Display, Output Color System

How do I connect the antenna and cable?

To connect cable antenna when viewing this unit.

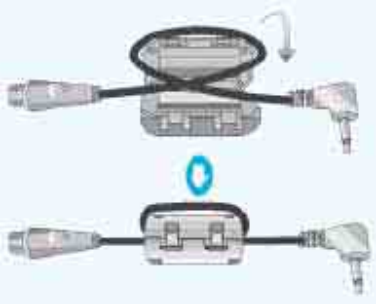


Connect TV Indoor Antenna/Cable and the RF line from the Antenna or Cable (Terminal Lead axial line 75 Ohm).

To connect the telescoping antenna when viewing this unit.

Watch TV by installing the TV outdoor antenna/ telescoping antenna.

To connect the indoor antenna/cable with the Core.



Open the Core, insert the antenna wire, and close the Core.

STOP!

●Installing a ferrite core around the indoor antenna/cable will generally remove any noise in the picture.

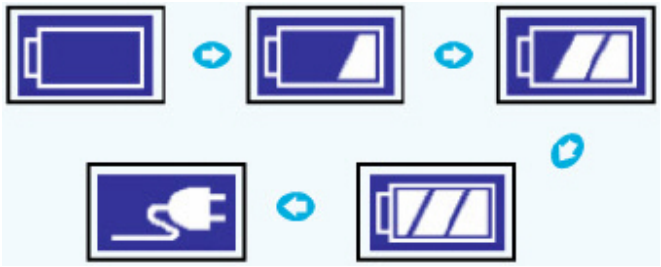
Are there any precautions when using the battery?

Yes. When using this unit, the current battery charge will be displayed on the screen. If the battery charge is insufficient, the battery indicator will flicker, and the power will automatically turn off in 1 or 2 minutes.

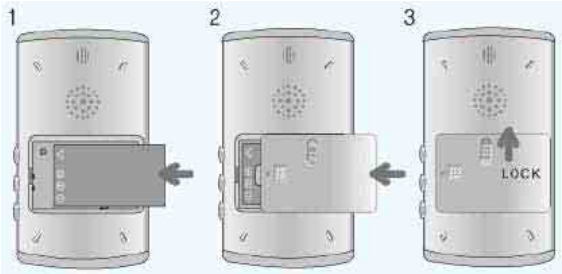
When using this unit, the current battery charge status is displayed.

The battery is fully charged when the power cord image is displayed, when the battery and DC power are connected.

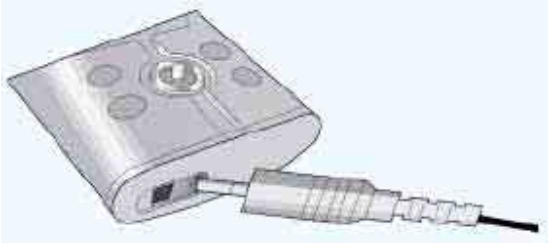
The battery recharge process may be checked by looking at the battery indicator.



- Replacing the battery.



- Charging with the AC adapter.



STOP!

- When the battery indicator icon flickers, this unit may not operate at its full potential. Turn OFF the unit and replace the battery with a fully charged battery or use the AC adapter as your power source.
- If you do not plan to use the unit for a prolonged period of time, you should remove the battery from the unit as a precaution against the possibility of over discharging the battery.
- Always dispose of spent batteries properly. Never throw batteries in a fire, as they could explode.
- Always turn the unit OFF with the Sliding Switch BEFORE replacing the battery. You could damage the hard drive if you remove the battery during video or audio playback.

What are the functions of each button?

MODE Button

TV (Option)→**AV**→**RADIO**(Option)→**SYS.SETUP** →**ETC.FILE**→**VIDEO PLAY**→**AUDIO PLAY**→ **SLIDE SHOW**→**VOICE REC** will be viewed in sequence.

-Depending on product options, the number of menu items displayed on the screen may vary.

VOL +/- Button

VOL

This button adjusts the earphone volume level.

DISP Button

This button displays the present status for various modes.
While playing back MP3/Voice, if you set Repeat Menu(D/R) to ON, the next track will be played back.

HOLD Button

This button is used to prevent other keys from operating. It locks the keys to prevent accidental operation.

REC Button

TV/AV signal can be saved as a moving picture file, and/or a desired image can be captured and saved as a JPG formatted file. In **VOICE REC**, voice can be recorded via a built-in microphone.

POWER Button

This button is a sliding type switch for Power ON/OFF. This switch is also used to reset the system. Just pull the switch to the ON/OFF position for approximately 10 seconds, then release. The system will reset automatically.

CH +/- Button (* Fn +/-)

CH

While in **TV mode / Radio mode**
→Channel Up/Down can be selected.
While in **VIDEO PLAY / AUDIO PLAY mode**
→While in Playback Mode, Repeat Menu and Loop Repeat Function can be selected.
→While not in Playback Mode, File Deleting Function can be selected with **CH+** Button.

* Depending on Option, " **CH** " can be indicated as " **Fn** ".

PLAY/PAUSE Button While in **VIDEO PLAY / AUDIO PLAY mode** →Playback/Pause Function can be selected. While in **Menu mode** →Cursor Key (▲) is used.	
REW Button While in **VIDEO PLAY / AUDIO PLAY mode** →Rewinding (x2/4/8/16) can be selected. While in **Menu mode** →Data adjusting (◀) can be done. While in **SYS.SETUP** →EXIT Key is used to exit the current menu.	**OK Button** This button is used to select the Menu for various modes. While in **VIDEO PLAY/AUDIO PLAY/SLIDE SHOW/ VOICE REC mode** →You can play or preview the selected contents. **VIDEO PLAY/AUDIO PLAY/SLIDE SHOW/ VOICE REC playback mode.** →Folder and file will be displayed.
FF Button While in **VIDEO PLAY / AUDIO PLAY mode** →Forwarding (x2/4/8/16) can be selected. →After locating the cursor on a desired file, pressing (▶▶) Button will allow Full-screen Play Function to operate. While in **Menu mode** →Data adjusting (▶) can be done. While in **SYS.SETUP mode** →This button is used to select the sub-menu.	**STOP Button** While in **VIDEO PLAY / AUDIO PLAY mode** →This button is used to stop playback of a file. While in **Menu mode** →Cursor Key (■) is used.

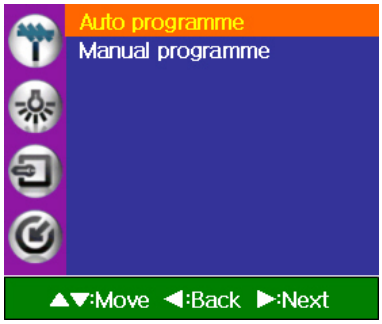
How to Operate each Mode

When Watching TV (NTSC System)

If you want to watch TV outdoors, use the telescoping antenna. The CLIOD reception quality will vary according to the proximity of the broadcast station. The further away you are from a broadcast station the weaker your reception will be. For watching TV indoors, connect the antenna/cable to the antenna terminal.

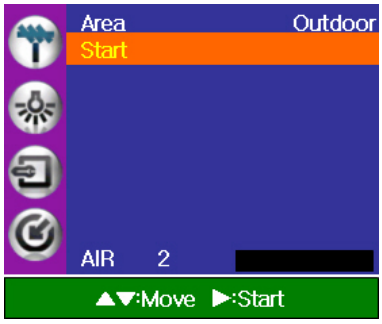
- Auto Channel Setup [NTSC]
This function will search the receiving signal automatically, and save received channels into memory.

Press the Button. Select the Icon.



Select **Auto program**.

Select **Area**.



Select " **Start** " in Auto program.

Channel Search starts.

STOP!

●When setting the Antenna Mode, you can either select Indoors (telescoping antenna) or Outdoors (RF Antenna/Cable).

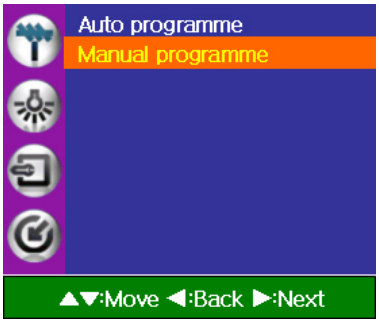
●After completing the Save, select the desired channel by **CH +/-**.

- Manual Channel Setup [NTSC]

This function allows you to delete the channel saved by the Auto program, and allows you to manually select and save the channels.

Press the Button..

Select the Icon.



Select **Manual program**.

Select **Area**.

Adjust settings after selecting a desired mode.

STOP!

- The antenna for the indoors setting can receive cable broadcast signals, whereas the outdoors setting can only receive public broadcasting signal .
- While in the Area line item, select indoors or outdoors.
- After saving, select a desired channel by pressing **CH +/-**.
- To modify Indoors and Outdoors Mode while watching TV, pressing **CH +/-** Button repeatedly will display antenna modes (Indoors, Outdoors)

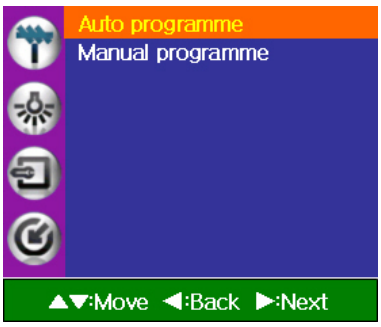
When Listening to the Radio (Option)

If you want to listen to the Radio outdoors, use the detachable telescoping antenna where the reception sensitivity is good.

- Auto Channel Setup

This setup will search receiving signals automatically and save them to the unit's memory.

Press the Button. Select the Icon.



Select **Auto program**.

Select **Area**.

Select "**Start**" in Auto program.

Channel Search starts.

STOP!

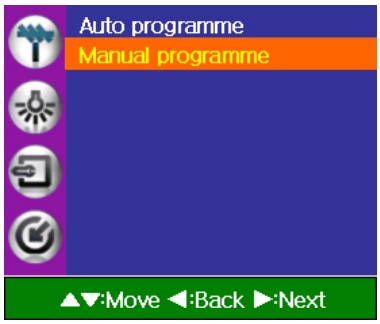
●Area can be done in 4 modes. (ANT1, ANT2, ANT3, ANT4)
→There is a possibility for local set up.
●The System can be set as global radio system or Japanese radio system. (EU, USA, KOREA, JAPAN)
●Pushing the jog button to direction when starting Auto Channel Setup, the signal will be stored automatically.

- Manual Channel Setup

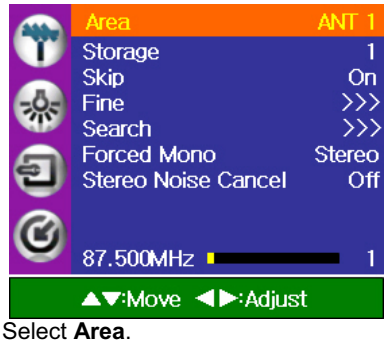
This method can be used to erase the channel saved by the Auto Program, or catch and save the station manually.

Press the Button.

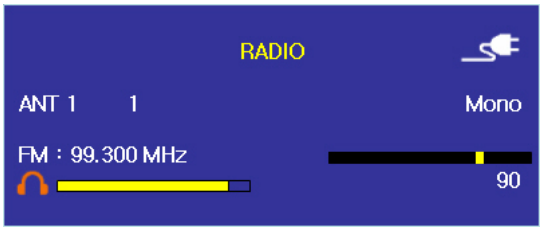
Select the Icon.



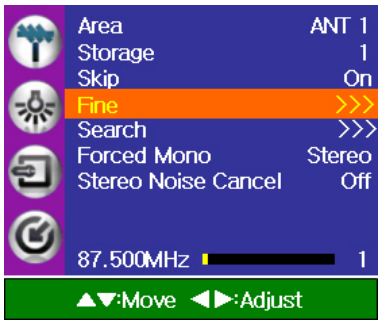
Select **Manual program**.



Select **Area**.



- If you are listening to the radio after setting the radio channel, a radio menu will be displayed to select a desired channel.



Adjust settings after selecting a desired mode.

STOP!

- Area can be done in 4 modes. (ANT1, ANT2, ANT3, ANT4).
- After saving, select a desired channel by **CH +/-.**
- When there is a serious noise in the stereo signal, setting **Forced Mono** or **Stereo Noise Cancel** will allow you to listen to a cleaner signal.

When Displaying an Image File

Picture files stored in the CLIOD can be displayed individually or as part of a slide show.

- When Viewing Image Files

After moving to a desired file, pressing the **OK** Button will allow you to preview in a small screen in the upper left side.

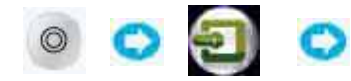
If the **OK** Button is pressed or the jog button to ▶▶ direction is pushed, the current image file will be displayed in full screen.

STOP!

●Repeatedly pressing the **DISP** Button will provide information on the filename of the displayed image .

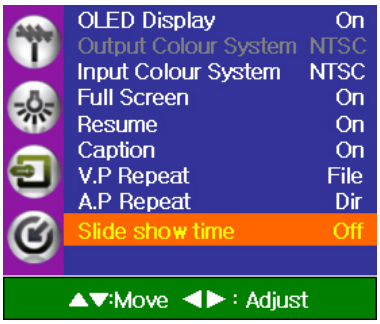
●When deleting an image file without previewing it first a confirmation warning question appears. If the **CH+** Button is pressed, the following warning question appears " **Do you want to delete?** " If you select " **YES** ", and you press the **OK** Button, the corresponding file will be erased.

- When Viewing an Image File with the Slide Show Function



Press the Button.

Select the Icon.



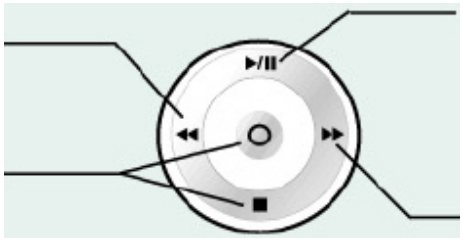
If the **OK** Button is pressed twice, The Menu will disappear and the slide show function will run.

After selecting the **Slide show time**, adjust the Display Time. (None, 2, 4, 6, 8, 10, 15, 30 seconds can be selected.)

- When Viewing a Slide Show; the Jog Button:

Viewing Previous File

Slide Show Termination



If the Button is not pressed while in **II**(Pause) status, the Slide Show will resume within 30 seconds.

Viewing Next File

When Playing a Moving Picture File

Moving pictures stored in the CLIOD can be viewed. The CLIOD can play many different types of Moving picture files including MPEG4, DIVX, XVID, AVI, ASF and WMV9.

- Playing a Moving Picture file

After moving to a desired file, pressing the **OK** Button will allow you to preview the file in a small screen in the upper left side.

If the **OK** Button is pressed or the jog button to ▶▶direction is pushed, the current video will be displayed in full screen.

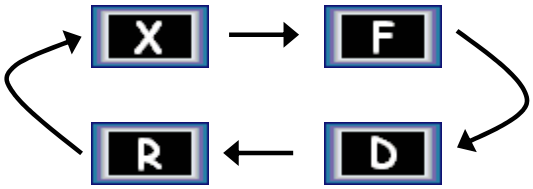
- To pause play: Push the jog button to ▶II direction.
- To resume playback: Push the jog button to ▶II direction.
- To setup playback speed: Push the jog button to ◀◀ or ▶▶ direction. (x2, x4, x8, x16)

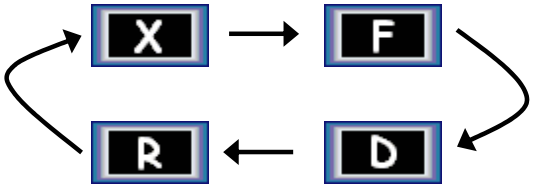
STOP!

●When deleting a video file without previewing it first a confirmation warning question appears. If the **CH+** Button is pressed, the following warning question appears " **Do you want to delete?** " If you select " **YES** ", and press the **OK** Button, the corresponding file will be erased.

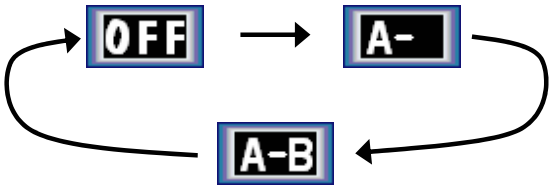
●Larger files take longer to delete.

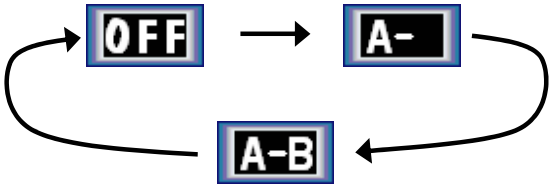
- When Pressing the CH+ (*Fn+) Button While Playing a Moving Picture File





- When Pressing the CH- (*Fn-) Button While Playing a Moving Picture File





X	The file being played runs once, then stops.	OFF	Loop Repeat Function is not used.
F	The file being played will be repeated.	A-	Pressing **CH-** Button while a moving picture file is being played will setup the beginning of a Loop Repeat.
D	All the files in the folder will be played repeatedly.	A-B	After the above A- icon is displayed, if you want to setup the end of a Loop Repeat, press **CH-**Button once more, then the specified loop will be played back repeatedly.
R	Files to be played will be selected randomly and played.		

STOP!

●Depending on the type of moving picture files, the above Loop Repeat Function may not be available.

When Playing Audio Files

You can enjoy music files stored in the CLIOD.

- Playing an Audio File (MP3 or WMA9 files)

To play an audio file, highlight the desired file.

Push the jog button to the direction.

As an audio file is played, information on the selected audio file will appear in the upper part of the screen.

- Press the **OK** Button.

Will be played back while Directory Menu is displayed.

- To pause play: Push the jog button to the ▶ II direction.
- To resume playback: Push the jog button to the ▶ II direction.

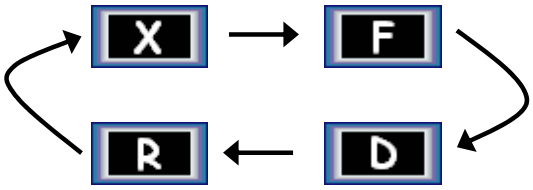
STOP!

●When deleting a music file without previewing it first a confirmation warning question appears. If the **CH+** Button is pressed, the following warning question appears " **Do you want to delete?** " If you select " **YES** ", and press the **OK** Button, the corresponding file will be erased.

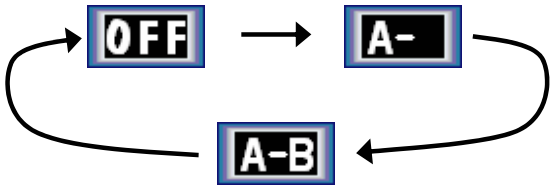
●In the case of an MP3 file : If the **OK** Button is pressed during playback, another audio file can be selected without stopping the music being played.

●In the case of a WMA9 file : During play back, another audio file can not be selected.

- When Pressing the CH+ (*Fn+) Button While Playing an Audio File



- When Pressing the CH- (*Fn-) Button While Playing an Audio File



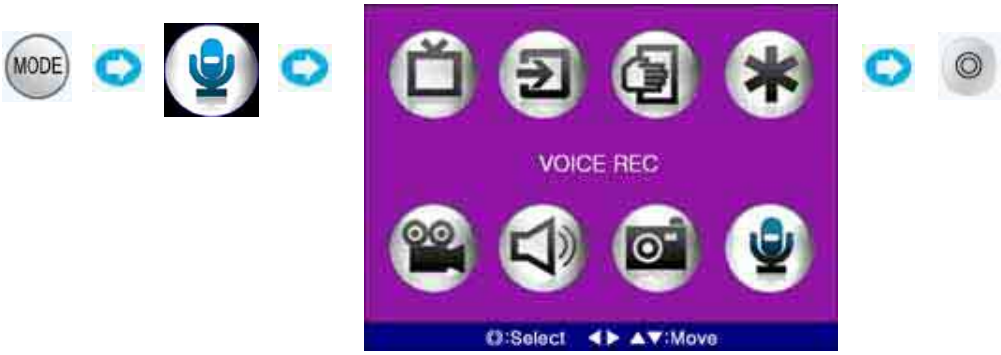
X	The file being played runs once, then stops.	OFF	Loop Repeat Function is not used.
F	The file being played will be repeated.	A-	Pressing **CH-** Button while Audio file is played will setup the beginning of a Loop Repeat.
D	All the files in the folder will be played repeatedly.	A-B	After the above A- icon is displayed, if you want to setup the end of a Loop Repeat, press **CH-**Button once more, then the specified loop will be played back repeatedly.
R	Files to be played will be selected randomly and played.		

STOP!

●Depending on audio content, the above Loop Repeat Function may not be available.

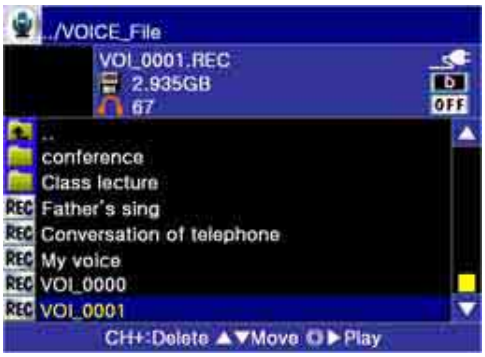
When Recording Voice

The CLIOD can be used as a voice recorder.



If the **REC** Button is pressed, the recorded voice file is saved to the Record Folder/ Audio automatically

If the **REC** Button is pressed, the following message appears " **please wait a moment !** " The recording starts with the message " **Recording Now !** "



To stop recording, press the **REC** Button once more.

STOP!

- The filename will be saved as VOICE_0000.REC. If a second etc. recording is made by pressing the **REC** Button, the file number increases by one. E.g. VOICE_0001.REC, VOICE_0002.REC, ...and so on.
- In the case of the **REC** in RADIO mode, the filename to be saved will be RADIO_0000.REC, RADIO_0001.REC, … and so on.

How to perform System Set Up

You can customize the CLIOD environment and functionality.

When Setting Picture Adjustment

After selecting the Picture Adjustment Icon, you can adjust the Picture Mode, Contrast, Brightness, Color, Sharpness and Tint (NTSC AV only) to the levels you prefer.

- While Playing Contents File in Radio Mode

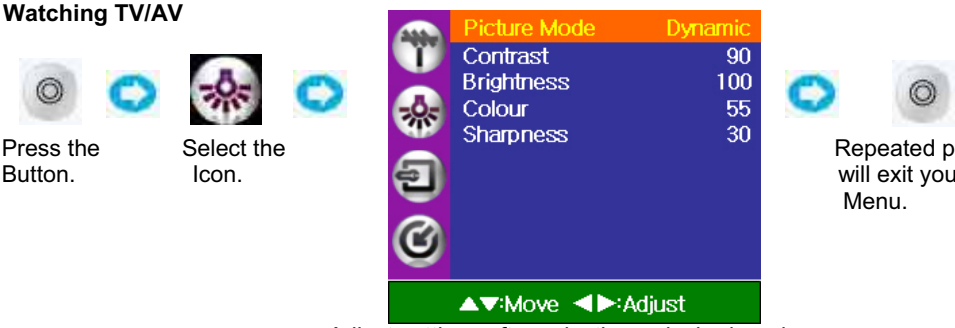
Press the Button.

Select the Icon.

Repeated pressing of the Button will exit you from the System Set Up Menu.

Adjust your settings after selecting a desired mode.
(Color and Sharpness levels cannot be changed)

- While Watching TV/AV



Press the Button.

Select the Icon.

Repeated pressing of the Button will exit you from the System Set Up Menu.

Adjust settings after selecting a desired mode.
(When Input Color System is NTSC only Tint appears on the Picture Adjustment menu.)

STOP!

●When adjusting images, the quick Image Adjusting Menu will be displayed, so you can view the changes being made to the current image. At this time, if you move the jog button to ▶/II or ■ direction, other image items can be selected. When the **OK** Button is pressed, you will go back to the Image Adjusting Mode.

●While in **Picture Mode**, you can select one of four choices : **Dynamic, Standard, Mild, User.**

When Setting the System

After selecting the System Set Up Icon, you can set-up a specific feature.

Press the Button.

Select the Icon.

Exit out of the System Menu by repeatedly pressing the button.

Adjust settings after selecting a desired mode.

OLED Display	This function is for turning the OLED Display ON/OFF. After selecting OFF, if the external device (TV, Monitor) is connected to the AV OUT, you can enjoy your image and sound on a bigger display.
Output Color System	This function is for changing the Output Color System (NTSC,PAL,SECAM)
Input Color System	This function is for changing the Input Color System (NTSC,PAL,SECAM) in AV mode (When the Color System is PAL/SECAM, only the Input Color System item appears on the system set-up menu.)
Full Screen	This function allows for full screen display.
Resume	This function will make the unit remember the position where the video/audio was stopped.
Caption	This function activates/deactivates subtitling on moving picture files. The subtitle file should be in the same folder together with the moving picture file. ("same file name.smi" or "file name.sami")
V.P/A.P Repeat	This mode allows Repeat Menu Setting of video/audio content. Off : Returns to the Menu after playing the current file. File : Repeats playing the current file. Dir : Plays all files in the folder in sequence. Rand : Plays files in random order
Slide show time	Sets the display time of image file (*.jpg)

When Setting Other Functions

After selecting the Set-Up Icon, you can adjust set-up values.

Adjust settings after selecting a desired mode.

Language	Sets the language displayed on the screen.
File format	Formats the file to be recorded. - ASF : mode for recording moving picture. - JPG : mode for recording still picture.
REC. Mode	Selects the Quality of the moving picture recording. Economic → Normal → Fine
OLED Power save	When no button is pressed within a specified time, the OLED screen will turn off. - 10, 20, 30, 40, 50, 60 seconds.
HDD Power Management	You can select ON/OFF When selecting “ON”, the power consumption for HDD is economized. The system response will be slower then if the HDD power management is set to OFF.
Auto sleep	In the TV/Video mode, when 3 minutes elapses without signal reception, the power will turn off automatically.
Sleep timer	Automatically turns power off after a fixed time. Time range can be set from 10 to 240 minutes (None, 10, 20, 30, 60, 90, 120, 180, 240).
Firmware Upgrade	Allows firmware upgrade by downloading the new version firmware from the Internet. Before upgrading, be sure to check if the USB is connected and the battery charge is sufficient.

Other Functions

When Upgrading Firmware

After copying the **firmware** file into the System Folder from **" www.neosoltech.com "**, change the file name to **" boot.sys "**, and proceed as follows.

Connect the PC and this unit with the USB cable, then download the firmware file to the **" System Folder ".**

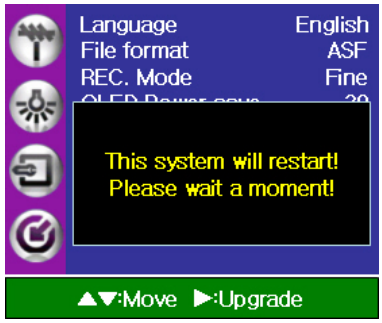
Press the Button.

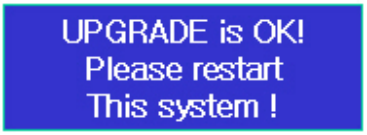
Select the Icon.

Select the **Firmware Upgrade** Mode.

Press the jog button to the ▶▶ direction.

Press the jog button to the ▶▶ direction.





After rebooting the system the firmware updating procedure will be complete.

STOP!

●The downloaded firmware file should be saved in the **" System Folder "**.

●If there is no firmware upgrade file, then connect the USB and download file into **" System Folder "**, then start upgrading.

Product Specifications & Features

Hard Disc	1 inch Hard Disk 5.0GB
Screen (Panel)	OLED Color AM 2.2" / 16,700K Colors / Pixel Format : 521*218 Viewing Angle : Free / Response Time : 5ms
Slide Show	JPEG (irrespective of image size)
Moving Picture Playback	MP4 MPEG-4 SP@ML Compliant Video Codec ASF(Microsoft ISO MPEG4) : Supports up to Max. Resolution 720*480 AVI(DivX,XviD etc) : Supports up to Max. Resolution 720*480 WMV9 : Supports up to Max. Resolution CIF(352*288)
Video Recording	Supports Resolution 352*240 (288) : 3 Screen Resolution Modes (Fine, Normal, Economic) Video Capture (JPEG Encode)
PC Interface	High Speed USB 2.0 (Compatible with USB 1.1)
Audio Playback	MPEG-1 Layer 3 Audio Decode / WMA9 Level 2A Audio Decode
TV(Television)	NTSC System or PAL/SECAM System
AV(External Input)	AV Composite Video/Audio LR-in/out
Firmware Update	www.neosoltech.com
Voice Recording	G.726 Compliant Voice Codec
Power	5V, 2A DC Adapter, 3.7V 1100mAh Li-ion Battery (x2)
Product Dimensions	69(W) x 119(H) x 20(D) mm / 145g
OSD	Menu English, Spanish, French, Italian, Russian, Korean, Chinese, Japanese
System Environment	Windows 98SE/ME/2000/XP

Product Inquiry & Customer Service

To ask for our service through the Internet

If any problem persists, consult your CLIOD dealer or contact support at www.neosoltech.com

- Find information on our company, products, and customer and technical support.
- Update your CLIOD Firmware.
- Consult the product Q&A
- Register your CLIOD product online so that our Customer Service Center is able to provide support as efficiently as possible.

Notices

The following cases will not be covered by In Warranty Service.

1. Defects or damage caused by accident, misuse, abuse, neglect, fire, flood, lightning or other acts of nature.
2. Damage caused during shipment or handling.
3. If you drop or hit the unit. (This unit has a built-in one inch hard drive, any physical impact on the unit may cause malfunction.)
4. Repair or attempted repair by anyone not authorized by NEOSOL.
5. Products with altered or removed serial numbers.
6. Products purchased in “as is” condition.
7. Improper operation, improper connection to peripherals, improper electrical connections, power surges or not following the user’s manual.

FCC Information

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 equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the Federal Communications Commission rules and regulations. These limits are designed to provide reasonable protection against radio and television interference in a residential installation. This device uses and generates radio frequency energy and if not installed and used in accordance with the instructions can cause interference with 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 into an outlet on a circuit difference from that to which the receiver is connected.
Consult the dealer or an experienced radio/TV technician for help.

CAUTION

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Troubleshooting

Q: The picture on the display screen stops, turns off or des not work?
A: Connect the AC Adaptor to the CLIOD; normal operation should resume. Please recharge the battery.

Q: I connected the CLIOD to my computer via the USB but my computer does not recognize it?
A: Verify which operating system is on your computer. If you are using Windows 98 (SE) then insert the Windows 98 (SE) CD and install the USB drivers.

Q: I cannot hear any sound coming from the CLIOD?
A: First, the CLIOD does not have built in speakers, so you are out of luck there. Second, check that the volume level is sufficient for listening through the earphones. You did plug in the earphones in the correct slot…didn't you?

Q: There is noise coming from only one side of the earphones?
A: Verify that the earphones are connected properly.

Q: I push the buttons on the CLIOD and nothing happens?
A: Check if the sliding power switch is in the HOLD position. If it is, slide it out of the HOLD position to restore functionality to all the buttons. The HOLD feature is used to disable the buttons in order to avoid accidental usage.

Q: The picture is too bright or too dark?
A: Adjust the picture controls found in the SET UP menu. There are some presets available for you to use but if you choose you can make adjustments to your liking too.

PRODUCT WARRANTY

Product Name			**Model**		
Purchase Date	**Year**		**Month**	**Date**	
Customer		**Tel.**		**Address**	
Location of Purchase		**Tel.**		**Address**	
Warranty Period	**Two year from the date of purchase (OLED: One Year)**				

*** When requesting repair, for warranty service please present this warranty with the date of purchase recorded.**

*** During the warranty period we will repair any defect in material occurred under normal conditions free of charge, labor included.**

*** When warranty period has elapsed, or even during warranty period, we may charge for our repair service if it is justified to do so.**

Limited Warranty

NEOSOL, Inc. (hereinafter referred as NEOSOL) hereby warrants all NEOSOL products
sold by NEOSOL or by NEOSOL authorized distributors, resellers and retailers to be free from defects in material and workmanship in accordance with the following terms and conditions.

Length of Warranty
From the date of original purchase this product is warranted for a period of (2) years on parts and labor and (1) year on the OLED panel. This warranty may be enforced only by the original purchaser of the product. A sales receipt, invoice or other proof of purchase must be presented within the warranty period in order to obtain warranty service. Upon expiration of this warranty the expense of product repair becomes the responsibility of the purchaser. This warranty is valid only for products purchased and used in the United States of America and Canada.

Obtaining Warranty Service
To obtain service on your product, take the defective product to an authorized NEOSOL service center or ship it freight prepaid to said service center. If shipping the product please use the original packaging of the product or equivalent. NEOSOL will not be responsible for damages due to improper packaging. **For information on the location of an authorized NEOSOL Service Center please call 630-236-9917**

Terms of Warranty
This warranty covers all defects in material and workmanship in this product except as specified below.

8. Defects or damage caused by accident, misuse, abuse, neglect, fire, flood, lightning or other acts of nature.
9. Damage caused during shipment or handling.
10. Repair or attempted repair by anyone not authorized by NEOSOL.
11. Products with altered or removed serial numbers.
12. Products purchased in “as is” condition.
13. Improper operation, improper connection to peripherals, improper electrical connections, power surges or not following the user’s manual.

Responsibility
NEOSOL will pay for labor and materials during the length of warranty for a period of two (2) years from the original date of purchase. NEOSOL will repair the defective product with new or refurbished parts or, at our option, replace the defective product. NEOSOL will not pay for the following:

1. Removal or installation of NEOSOL products.
2. Cost of Initial set up.
3. Payment of shipping charges.

Implied Warranties
All Implied warranties, including warranties of merchantability and fitness for a particular purpose, are limited in duration to the length of this warranty.

Exclusions to Warranty
NEOSOL’s liability for any defective product is limited to the repair or, at NEOSOL’s option, replacement of the product. NEOSOL shall not be liable for:

1. Damage to other property caused by any defects in this product, damage based on inconvenience, loss of time or commercial loss.
2. Any other damages whether incidental, consequential or otherwise.

State Law and this Warranty
Some states do not allow the exclusion or limitation of incidental or consequential damages and /or the limitation of how long an implied warranty may last so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.