APPENDIX H

: USER'S MANUAL

Ver.01

odd-i P11N User Manual

Portable Multimedia Player

● Thank you for purchasing this product. Please read this User Manual carefully before using the product.

odd-i

http://www.odd-i.co.kr

+

Thank you for purchasing an odd-i P11N.

odd-I is a brand for people who believe in realizing dreams and have a different way of looking at things.
Our starting point is the engaging belief that your way of seeing is special – you see the world differently.

This manual is written to help you to use the various convenient features of the product.

www.odd–i.co.kr

■ This manual contains information regarding our products.
■ Product performance may be continuously updated through firmware updates..
■ Register on our odd-i website and get online support for purchased products.
You can also take advantage of our various events.

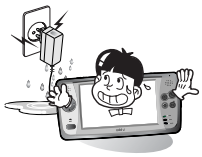
▶ This information is very important for your safety. Please be sure to observe it.

About Power

Please do not overload the power circuit, it may cause overheating and/or fire.

Please be sure to push the plug into the power outlet firmly; a loose plug may cause a fire

Please unplug the AC power adapter when not in use to prevent overheating and/or fire.



Please be sure to push the plug into the power outlet firmly; a loose plug may cause a fire.

Please disconnect the power during electrical storms to prevent shock.

For electrical safety please use the AC power adapter included.

Please unplug the AC power adapter when not in use to prevent overheating and/or fire.

Allowing foreign objects or fluids to get into the product may cause electric shock. Please turn off the power immediately and

If you notice any smoke, smell, noise, or other unusual events, please turn off the power immediately and unplug the AC power adapter.

➲ This information is very important for your safety. Please be sure to observe it.

About the Product

Please avoid dropping, impacting, or placing heavy objects on top of the product; damage or breakage may result.

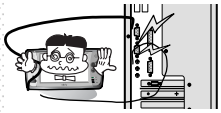
Please avoid exposing the product to rain, water, drinks, medicines, cosmetics, etc.

If the product gets wet, please take the battery out and then immediately use a dry cloth to wipe off the moisture; you must keep the power switched off during these steps. Be sure to have it inspected afterwards by a qualified technician.

Please do not place the product near magnetic items.
Magnets may damage the product.

Please never disassemble, repair, or modify the product yourself. It may cause damage to the product or break the product.

Please do not connect the earphone port and the input/output (analog) port or the USB port to the same device (e.g. a PC) at the same time.

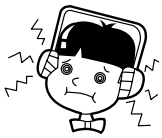


Other

Please do not use the headset/earphones while operating a vehicle, motorcycle, or a bicycle.

Please do not set the volume of your headset/earphones too high when walking outside, especially when crossing a road.

Please do not use the product at high volume for too long a time.



Unique Features of the odd-i P11N

❶ 4", 16:9 True Color TFT LCD & Dual Core CPU
The odd-i P11N comes with a 4" (480 X 272), 16:9 TFT LCD and a Dual Core CPU enabling you to experience the vivid sensations normally only delivered by wide screen.
Multiple video CODEC (MPEG1, MPEG4 SP, XVID, DivX 3.x/4.x/5.x, WMV 7/8/9) are also provided to allow you to watch different types of video.

❷ Sensible User Interface Design Highlighting Beauty and Convenience
The odd-i P11N user interface is designed to enhance convenience; it is easy to use, intuitional, and full of fun graphics.

❸ File Navigation Support
Navigating between folders or files is as easy as using Windows Explorer.

❹ Built-in 2 Mega-Pixel Camera
With a built-in 2 mega-pixel camera, you can take pictures or movies like a camcorder.
With a photo album function supporting JPEG, BMP and GIF, this is the optimum multimedia player.

❺ Video Input/Output Function
A built-in TV output system lets you see pictures or watch video clips on a TV monitor.
Or save video in MPEG4 format with a CVBS video port to enjoy later.

Unique Features of the odd-i P11N

❻ MP3 is Standard; Powerful FM Function

The odd-i P11N not only supports MP3 and WAV but also plays OGG, AC3, and WMA files.

You can enjoy more exciting FM radio with the auto frequency and saving function; you can also preset a radio recording.

❼ Text Viewer & Recorder

The odd-i P11N has a built-in text file viewer letting you read a text file while listening to music, anytime, anywhere. In addition, you can make a recording with the built-in recording function.

❽ Removable Disk Support

You can use the odd-i P11N as a removable hard disk drive (HDD) with USB 2.0, providing faster downloading capability from a PC.

❾ USB Host Function

The odd-i P11N supports the USB 1.1 host function so that you can connect another USB mass storage device such as a digital camera or MP3 player to your odd-I P11N and exchange data between them.

❿ Firmware Update

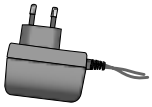
You can easily update or modify the firmware through our website whenever you need to.

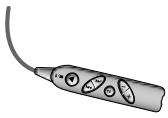
➲ On opening the box, you should see the following parts.
(Parts included may be changed without notice to improve functionality or quality.)

Package Contents for the odd-i P11N

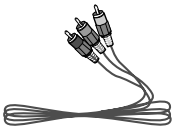
Body

Earphon


AC Power

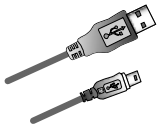

Wired Remote

User Manual
(Warranty Info.)


AV Cable

S-Video/Coaxial Cable

USB Adapter for Host


USB Cable

Removable Rechargeable
Battery (1)

Carrying Case

Wireless Remote
Control
(sold separately)

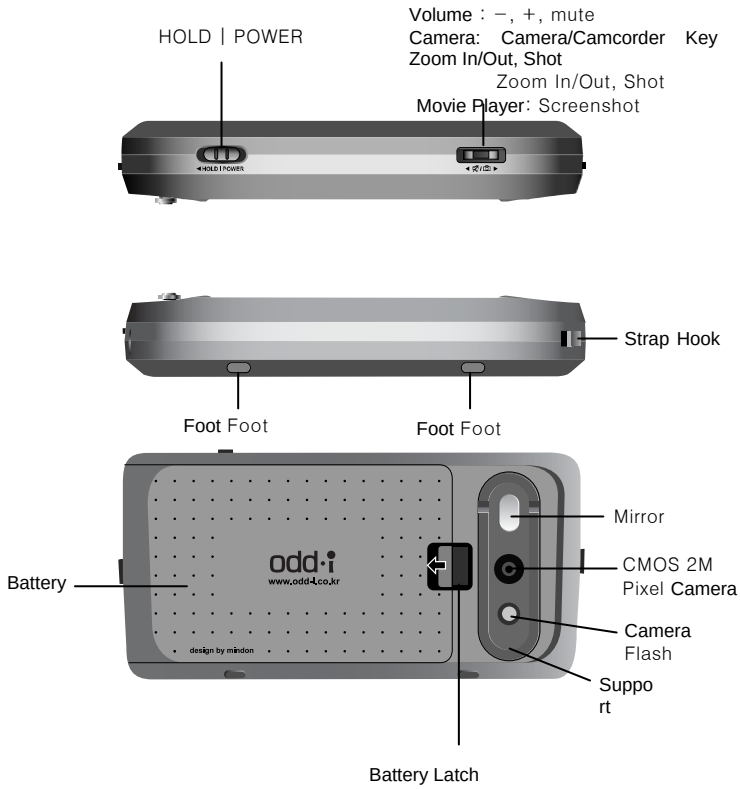
➲ Your computer must meet the minimum requirements below in order to use this product
Please check your computer and confirm these requirements.

PC Requirements

1. CPU: Pentium III 500 MHz or better / Macintosh G3 or better.
2. CD-ROM Drive
3. SVGA or better color monitor
4. 128MB memory or more
5. USB port (version 2.0 is strongly recommended for faster speeds.)
6. 1GB or more free space available in the hard disk

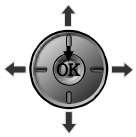
※ Computers that do not meet the minimum requirements may experience problems with USB connections.

Description of Components - Top, Bottom, and Back of the Product



Description of Components - Front of the Product

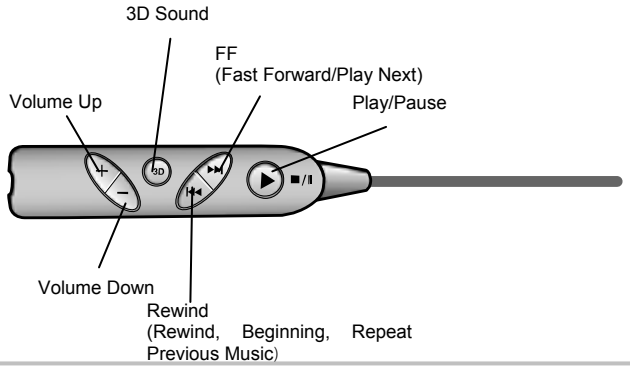
Using the Joystick



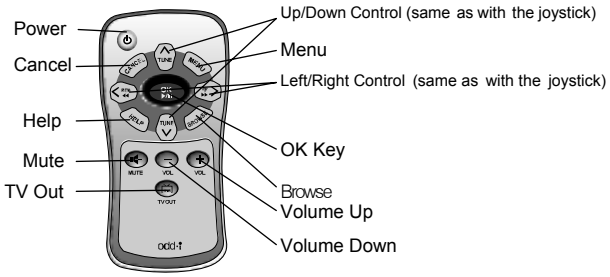
4-way Navigation: Use to move the cursor up, down, left, or right.
OK Key: Use to confirm or execute a desired function.

Description of Components - Both Sides of the Product

Description of components - Wired Remote Control



Description of Components - Wireless Remote Control



※ Wireless remote control is especially convenient when the product is connected to a TV.

Using Product - Power

1. Turning the System On/Off

If you slide the HOLD|POWER key to the right for approximately 2 seconds, the system is turned on and the booting image appears on the LCD
The PMP main screen will be displayed when booting is complete.

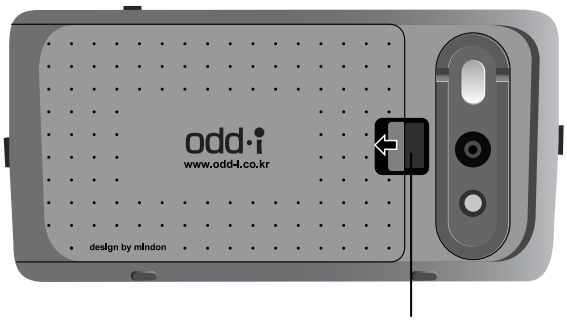
If you slide the HOLD|POWER key to the right for approximately 2 seconds when the system is turned on, the system is turned off

※ You cannot obtain the booting screen if the battery is running low,
Please recharge the battery, and then try again.

2. Locking Function

Push the top HOLD|POWER switch to the left to put the device on hold; this locks all input keys.

Using the Product - Battery



Battery Catch

☐ Press the battery catch and push the battery out towards the left to remove it.

☐ Line the battery up with the player and push it towards the battery catch. The battery is in place when you hear a click from the catch.

※ Please be sure to turn the system off before removing the battery.

➲ Please be sure to use the AC power adapter included with the product, for your safety.

Charging the Battery

Connect the player to the AC power adapter

Connect the AC power adapter to the player' s power port.

Connect to a power outlet

Connect the AC power adapter's power plug to a power outlet.
The LED located at the lower right corner stays red while the device is being charged; the LED changes to green when charging is complete

2. When the Battery is Running Low

The battery status is displayed at the top right corner of the screen, as shown in the picture.
It is displayed in 5 levels.
Please use the AC adapter to charge it when the battery status is low.

If the battery runs out while a program is running, the message shown in the picture will be displayed on the screen, and the system will go back to the main menu screen.

※ The system cannot get to the booting screen if the battery is running low; please connect the AC power adapter and charge the system before turning it on
※ If the system is drained of power completely, please charge the system for at least one hour before turning it on.

1. Concerns regarding the Battery

The battery used in this product is a 2700mAh 3.7v lithium polymer battery. Mishandling this battery may cause overheating or fire so please be sure to follow the instructions below.

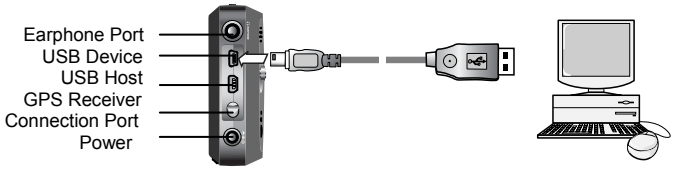
- Do not expose the battery to extreme temperatures or harsh chemicals.
- Use only the AC power adapter that came with this product, or a designated charger, to charge the battery.
- Never put a wet battery in the player.
- Never place the battery in a fire, even when disposing of it.
- If the battery is completely drained, charge it for at least one hour before resuming use
- Charge the battery completely prior to initial use, or after an extended period of disuse.
- The battery is a consumable.
  Lithium polymer batteries can be recharged 500 times under normal conditions.
  The memory effect may come into play later, resulting in shortened battery life. (A new battery does not suffer from memory effect, which is the phenomenon whereby usable battery time is reduced when it has not been completely drained before being charged.)

2. Battery Life

Type / Item	Charge	재생시간	
		Video	Audio (with LCD Off)
Standard	Approx.3h 30m	Approx.4h	Approx.7h

※ Based on in-house testing

Connecting to a Computer (USB Connection)



1. Turn the power on and connect the USB port located on the left to your computer' s USB port, using the USB device cable included.
   Your PC should confirm the connection to the odd-i driver in Windows Explorer.

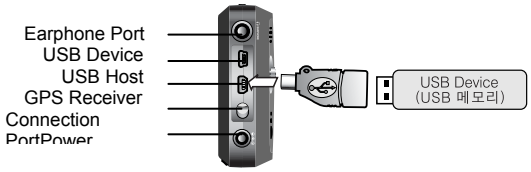
※ When disconnecting the USB cable, please use the " Safely Remove Hardware" function to safely remove the device, then disconnect the cable carefully. Otherwise, damage to data might occur.

※ Safely Remove Hardware: Double-click on the icon in task bar; the "Safely Remove Hardware" box will be displayed.
Select the USB Device line and click Stop; the "Stop a Hardware device" box will pop-up and ask you to confirm.
   Click " OK" to remove the hardware safely.

※ While the player is carrying out some of the more important tasks (e.g. playing video), the PC will not recognize the connecting cable even when it is connected.

Using the USB Host Function

➲ It can be connected directly to a USB memory stick, digital camera, or other USB device and transfer data directly to PMP.

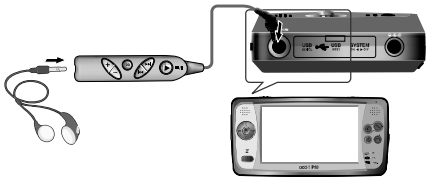


1. Turn on the power and connect the player's USB Host Port to an external USB device, using the USB cable provided

※ When using an external hard drive with the USB Host, please be sure to supply power to the external hard drive separately.

※ USB device file systems FAT 16/32 are supported.

Connecting the Earphone



1. Insert the remote control' s plug into the player' s remote control / earphone port.
2. Insert the earphone plug into the remote control' s earphone port

※ Tip: Using Dual Earphones

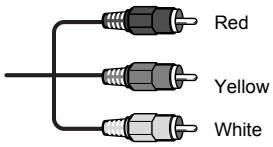
➲ You can share sensational music with your friend or with your partner using a single PMP.

1. Insert the remote control' s plug into the player' s remote control / earphone port..
2. Insert the earphone plug into the remote control' s earphone port.
3. Insert another earphone plug into the CVBS OUT port..

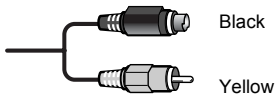
Output to a TV

Use this to connect the player to a TV and watch a video from the player on a TV screen.
There are three ways to make the connection; CVBS, Component, and S-video connection.
For TV output, you have to set the 'TV Out' to an appropriate value in the Settings.
(See page 100, 'Settings' for details)

▶ Cable
Included cable connectors are as follows.

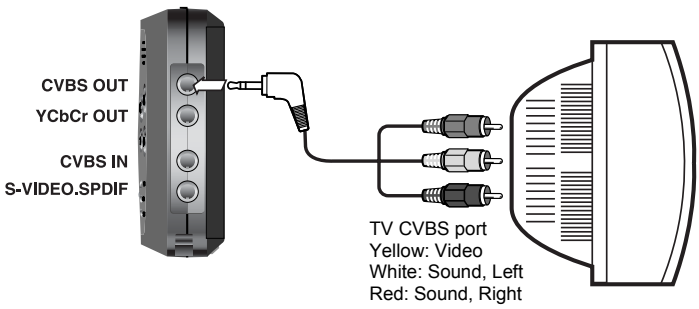


<AV cable>



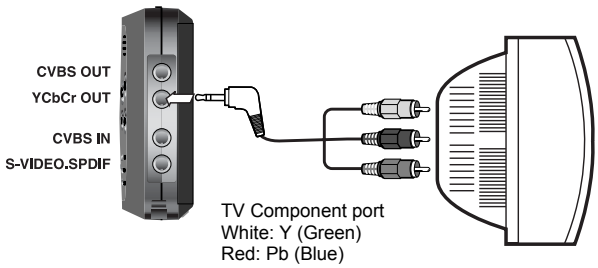
<S-Video/Coaxial cable>

Connecting to a CVBS Port (use AV cable)



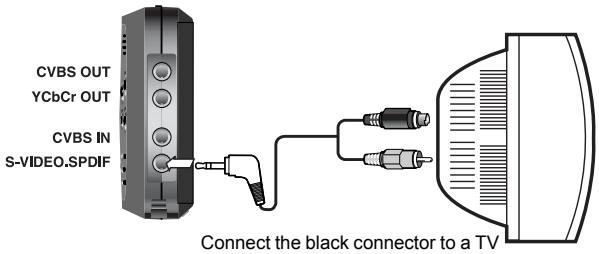
Output to a TV

Connecting to a TV Component port (use AV cable)



TV Component port
White: Y (Green)
Red: Pb (Blue)
Yellow: Pr (Red)

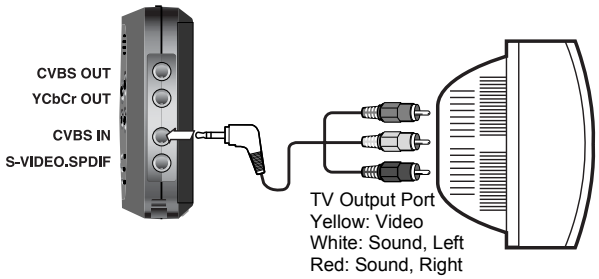
When connecting to a TV S-Video port. (Use S Vid /C i l C



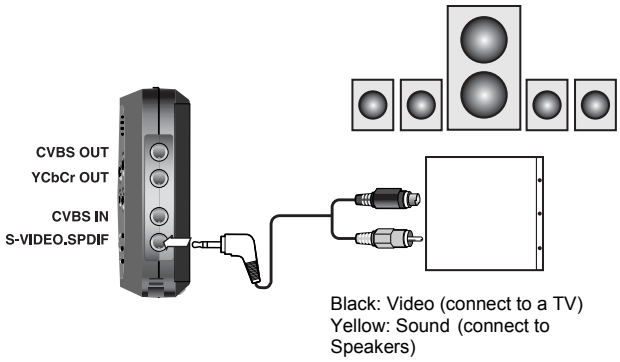
Connect the black connector to a TV S-Video port
Black: Video (connect to a TV)
Yellow: Sound (connect to Speakers)

Getting Video from a TV

This is the method for connecting the device to a TV and recording videos from it.
To record video from a TV, connect the AV cable and set the “TV Input,” and then start “Video Recording.” (See page 35, “ Video Recorder” & page 104, “ Settings”)



5.1 Ch Sound Output

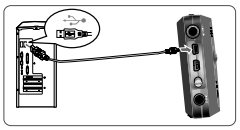


SPDIF Output: When watching a video with 5.1 channel sound, the method for connecting the receiver is as in the above picture.

Updating the Firmware

▶ Information regarding firmware updates can be found on the " Firmware Download" section in the odd-I website (http://www.odd-i.co.kr)..
▶ Please format the hard disk or perform a disk check before updating your firmware.
If any errors exist in the hardware, the firmware might not update correctly.

The odd-i Web Site
Visit the odd-i website at http://www.odd-i.co.kr to download the latest firmware.



Turn on the player while the AC power adapter is connected, and wait for the normal booting process to complete. Then connect the USB cable to a PC as shown in the picture.
.

After making sure the computer recognizes the odd-i as a removable disk, copy the downloaded firmware to the root folder of the removable disk (the odd-i).

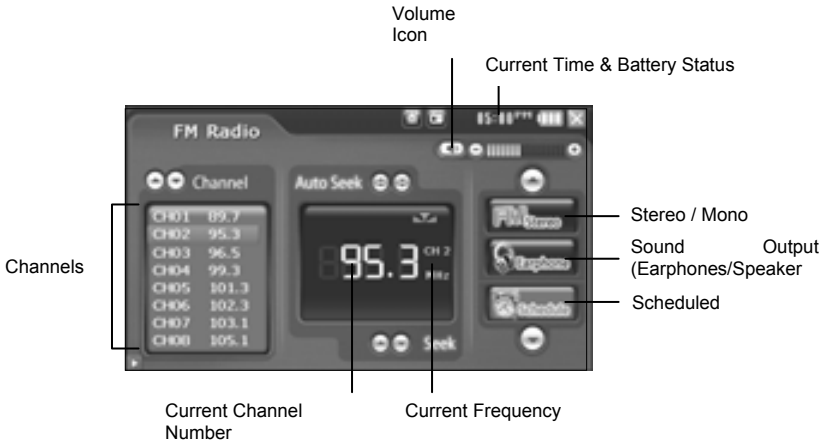
When the copying is done, use the "Remove Hardware" option, located on the bottom right-hand corner, to remove the cable safely.

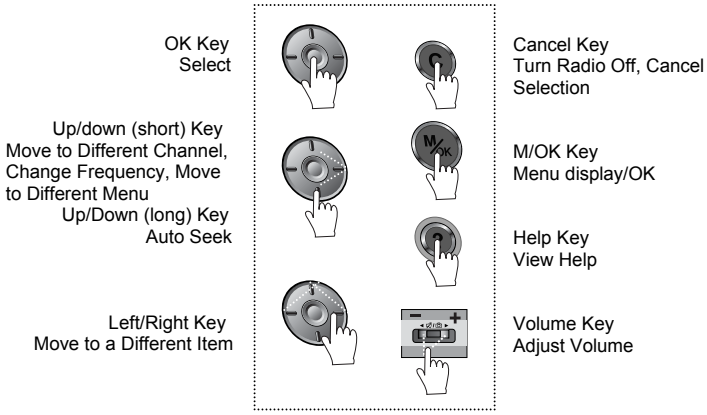
The Firmware will be updated automatically after removing the cable, and you will see a message confirming the update and asking you to reboot when the updating is complete.
Turn the system off, and then turn it on again; the PMP will operate using the updated firmware.

※ The updating information may change. Please check "Updating Notices" located on the odd-i website.

1. FM Radio Keymap

1. FM Radio Keymap



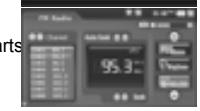


2. Using the Radio

1. Listening to the Radio

On the main menu, use the joystick to select the FM menu.

Press the OK (M/OK) key to move to the FM screen. (If you already have a frequency setting, the radio starts right away.)

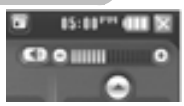


Press the joystick ↑ ↓ till you get the desired station, or move the joystick ↑ ↓ on the channel list to select one of the preset frequencies, then press OK

※ FM listening requires you to connect the earphones; they act as an antenna. If you have not connected it, a pop-up window will be displayed requesting you to connect the earphones (speaker).

2. Setting the Volume Control/Mute

Move the volume control at the top ← → to set the volume while listening to the radio. (Left (-), Right (+))



Press the center of the Volume key to mute the sound. To cancel the mute function, press the center of the Volume key again or slide the Volume key.

3. Turning the Radio Off

Press the C (Cancel) key to end radio playing, and select "Yes" when the confirmation window pops up.

3. Preset Channels

1. Moving to the FM Screen

On the main menu, use the joystick to select the FM Radio menu.

Press the OK (M/OK) key to move to the FM screen.

2. Listening to the Radio

On the frequency setting window, tap the joystick ↑ ↓ to tune to a channel.
You can tune in to and listen to a channel by moving the joystick up or down.

3. Presetting a Channel

Tune to a channel in the frequency setting window and press the OK key to preset the channel.

4. Setting the Radio

1. Moving to the FM Radio Screen

On the main menu, use the joystick to select the FM Radio menu.

Press the OK (M/OK) key to move to the FM Radio screen.

Setting the Radio

Press the M/OK key in the FM Radio screen and select the Radio from the Setting menu.

Set the Band, Sensitivity and Stereo/Mono by using the joystick.

* Band - US/Europe: 87.5~108.0 MHz
- Japan: 76.0.~91.0 MHz

When you are done with the settings, press the OK key to save, or the C (Cancel) key to cancel.

5. Auto Preset

Moving to the FM Radio Screen

On the main menu, use the joystick to select the FM Radio menu.

Press the OK (M/OK) key to move to the FM Radio screen.

2. Auto Scan

On the FM Radio screen, press the M/OK key and select Auto Scan from the Settings menu.
Press the OK key to auto scan channels.

In the Auto Scan screen, if you press the OK key when the auto scan is complete, the channels found are set. If you press the C key during auto scan, the auto scan is canceled.

Push and hold the joystick ↑ ↓ in the frequency setting (Auto Seek) screen and it will automatically search for the nearest channel.

※ You can set up to 8 channels to the Channel List.
※ You can add a channel only when there is an empty preset channel. Add a channel after deleting a channel if necessary.

3. Deleting a Channel

On the Channel list, move your joystick ↑ ↓ to select a channel to be deleted, and then press and hold the OK key. The selected channel is deleted.

6. Editing the Channel List

Moving to the FM Radio Screen

On the main menu, use the joystick to select the FM Radio menu.

Press the OK (M/OK) key to move to the FM Radio screen.

2. Change Order/Delete/Delete All Channels

Press the M/OK key in the FM Radio screen and select the Channel List from the Setting menu. Press the OK (M/OK) key to move to the Channel List Editor screen.

Press the M/OK key in the User Channel. Select Move Up or Move Down from the Change Channel Order menu and press the OK key to change the channel order.

Press the M/OK key in the User Channel and select the Delete menu. Press the OK (M/OK) key to delete the selected channel.

Press the M/OK key in the User Channel and select the Delete All menu. If you press the OK (M/OK) key, a message window pops up asking whether you want to delete all channels. If you select "Yes", all the channels are deleted.

7. Record/Listen to the Radio

Moving to the FM Radio Screen

On the main menu, use the joystick to select the FM Radio menu.

Press the OK (M/OK) key to move to the FM Radio screen.

2. Recording

Press the M/OK key from the FM Radio screen and select the Record menu.

When you press the OK (M/OK) key, the words "Start Recording" and "Stop Recording" will be displayed at the bottom of the screen alternately; the "●REC" sign will be displayed in the frequency indicator during recording. To exit the recording, press the OK (M/OK) key and select Stop Recording. This will stop the recording and the recorded file is saved into the /My Folder/Radio folder automatically.

3. Listening to a Recorded Radio Broadcast

Press the File Browser key from the main menu to move to the file list.

Press the OK (M/OK) key to move to the File Manager screen.
Otherwise, press the Browse key from the main menu to move to the File Manager screen.

Select the Radio folder by moving the joystick ↑ ↓, and press the OK key to display the recorded files.
Select the file you want to listen to and press the OK key.
This will switch the screen to the Music Player and start playing the recorded music.

8. Recording Reservation

Moving to the FM Radio Screen

On the main menu, use the joystick and select the FM Radio menu.

Press the OK (M/OK) key to move to the FM Radio screen.

2. Reserving a Recording

Press the M/OK key from the FM Radio screen and select the Scheduled REC menu.
Or, on the FM Radio screen, use the joystick to select the Scheduled REC button located on the far right side.

Set the On, Off, Channel, Start, End and Repeat settings using the joystick.
※ You can switch between Hr and Min in the Start and End time setting by pressing the OK(M/OK) key.

When you are done with the settings, press the OK key to save, or the C (Cancel) key to cancel.

※ Once the recording reservation is set, using other menus will not interfere with the recording as long as the system is on, and the recorded file will be automatically saved to the /My Folder/Radio folder.
※ When the recording reservation is set, the icon will be displayed next to the clock at the top.

Since folders and files can be created within a folder, check the remaining free space in the disk before starting a recording.
If more than 10,000 recordings are made, new recordings are automatically named from the beginning again (e.g. radio0000.mp3); therefore, important recordings should be renamed to avoid them being overwritten".

9. Setting the Audio Output

Moving to the FM Radio Screen

On the main menu, use the joystick and select the FM Radio menu.

Press the OK (M/OK) key to move to the FM Radio screen.

2. Outputting to the Earphone/Speaker

On the FM Radio screen, locate the cursor on the furthest right icon using the joystick and select the Earphone or Speaker button. (For connecting earphones: see page 19)

Press the OK key.

11. Help

Channel List Help

On the Channel List screen, press the ? (Help) key to view Help.
(Information on the FM Radio and Channel List Editor screen keys will be displayed.)
The Help screen will close after 20 seconds, or press the C (M/OK or C) key to close it manually.

Help

On the FM Radio screen, press the ? (Help) key to view Help.
(Information on the FM Radio and Channel List Editor screen keys will be displayed.)
The Help screen will close after 20 seconds, or press the C (M/OK or C) key to close it manually.

➲ The functions of the product are subject to change without prior notice for the improvement of the product's quality or performance.

1. General Information

Name	odd-i P11N
Color	Black, Red
Dimensions	146×74×25mm
Type	Plug & Play (Removable Disk Type)
Weight	290g (Standard Battery 2700mAh)
USB Function	Device: USB 2.0 Host: USB 1.1
HDD Capacity	20GB
Battery	Lithium Polymer (Removable)
Charge Time:	3 Hours and 30 Minutes, Capacity: 2,700mAh
Video Playback	Approximately 4 Hours (with a resolution of 320 x 240 pixels at 30 frames per second)
Audio	Approximately 7 Hours (when the LCD is off and the audio is output through the earphones)
Operating Temperatures	5°~45°C (41°~113°F)
PC System Requirements	Microsoft Windows 98SE/ME/2000/XP Pentium Ⅲ 500MHz or higher, or Macintosh G3 or higher. At least 128MB of memory USB Port 2.0

➲ The functions of the product are subject to change without prior notice for the improvement of the product's quality or performance.

2. Video

Supported File Formats	MPEG1, MPEG4 SP, XVID, mp43, Divx 3.x/4.x/5.x(720×480, Max 30 fps), WMV7(320×240, Max 30 fps), WMV8/9(320×240, Max 20 fps)
Supported Subtitle Format	SMI
Display LCD	Size: 4 inches wide, resolution: 480×272 Pixel Color: True Color, Brightness: 180cd

3. Audio

Supported File Formats	MP3, WMA,OGG, AC3,WAV
Supported Outputs	Stereo Built-In Speaker
Frequency Range	20Hz ~ 20KHz
Output Power	Earphones : 40mW(20mW+20mW) Built-in Speaker: 400mW(200mW+200mW)
Signal/Noise Ratio	- Higher than 90dB
Preset EQ	Normal, Rock, Pop, Jazz, ClassicHeavy, Soft, Hall, Dance, Disco, 3D/Live (Total of 11 Preset EQs)

➲ The functions of the product are subject to change without prior notice for the improvement of the product's quality or performance.

4. Other

FM Radio	Frequency Range	US/Europe : 87.5~108MHz Japanese : 76.0 ~ 91.0MHz
	FM Recording Format	MP3 Stereo
	Tuning	Auto Scan
	Additional Features	Radio Recording/Reserved Recording
TV Connection	Type	NTSC/PAL
	Interfaces	CVBS/S-VIDEO/COMPONENT
	TV Output Recording	320×240 Mpeg4
Image Viewer	Supported File Formats	JPEG, BMP, GIF
	Additional Features	Background Setup/Browser/Thumbnail/Full Screen View/Cartoon View
Text View	Supported File Format	TXT
Voice Recorder	Recording Format	MP3
Camera	Resolution	2 Million Pixels
	Video Recording	320×240 Mpeg4
	Still Pictures	1600×1200/1280×960/1024×768/ 800×600/640×480/320×240
	Additional Features	Special Effects: None, Sepia, Green, Aqua, Red, Cool, Warm, B/W and Antique. Flash Function/White Balance Function (Auto, Daylight, Cloudy, Tungsten and Fluorescent Light)/Real Mode Function

1. 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.
The 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 not 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

2. Caution

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

Model odd-i P11N series

http://www.odd-i.co.kr

●주소 : 대구광역시 북구 동천동 969-6번지
● TE L : (053)326-8045~6 ● FAX : (053)326-8049
● Customer Support Center: 1588-4487
● We provide friendly consultation and quick after-sales service for our customers.

The contents of the User's Manual may differ from the actual situation depending on the software version or manufacturer's conditions. The functions of the product are subject to change without prior notice to enhance performance or quality.