Copyright

Disclaimer

Federal Communications Commission (FCC) Statement

This equipment has been tested and found to comply with the limits for a class B device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in 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 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 help.

FCC Warning

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

CLASS 1 LASER PRODUCT
APPAREIL A LASER DE CLASSE 1
LASER KLASSE 1
LOUKAN 1 LASERLAITE
PRODUIT LASER
CATEGORIE 1

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.

INFORMATION TO USER:

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
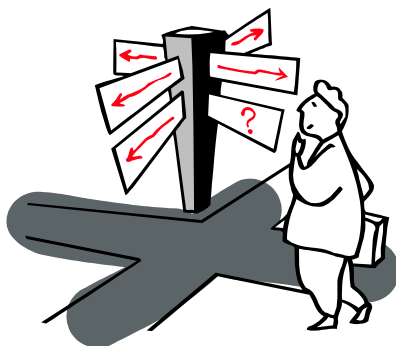
Table of Contents

1.   Before You Start

Thank you very much for purchasing this portable DVD player. These precautions explain how to use the player correctly and safely, thereby preventing you or others from injury. This section relates to your personal safety, and also helps minimize the risk of damaging the device. To ensure proper use of this product, please read carefully before proceeding and retain this user manual for further reference.

1.1.   Safety Cautions

- Keep the device away from fire or electric shock.
- Do not open the device or attempt to disassemble it.
- Do not insert fingers or foreign objects into the device.
- Do not expose the device to rain, use it near water or in damp or wet conditions or place containers on it that contain liquids which might spill into any openings.
- If liquids enter the device, switch the device off immediately and unplug it from the power outlet.
- Make sure the power outlet is electrically grounded, and do not touch the plug with wet hands.
- Follow the Operation Manual carefully. Follow the correct procedures when setting up the device.

1.2. Things you must know of the player

Transportation

Although this portable player comes with high excellent suspension design, it's highly recommended to remove the disc from the device during transportation to prevent the disc from scratching. The power should be turned off and the power cord should be unplugged if you're going to transport the player.

Installation

A stable platform is better for the player reading data from discs; do not settle the player on top of a TV nor a CRT monitor. Magnetic force is also what you have to take into consideration when finding a proper portion, any devices with magnetism may affect the function and operation of the player.

Placement

Do not place any object on the player, the TFT panel is extremely fragile and any pressure may cause unrecoverable damage to it.

Power

It would be better to turn off the power of player when it's not in use; it's helpful to extend the lifespan of the player and prevent interference to TV image especially when they are connected.

Safety

It is strongly recommended not using the player while driving.

Some countries and states have laws to prohibit or severely restrict the use of the player in vehicles, airplanes, and hospitals.

Do not leave the player or the battery pack in places with extremely high (60ºC and above) or extremely low (-10 ºC and below) temperature. This kind of extreme environment may seriously damage the quality of the player such as warping the outer case or reducing the lifespan of battery pack.

Cleaning

Mostly you just need to clean the player with a soft and dry cloth; for tough dirt, just get some neutral detergent diluted in 5 or 6 parts water to a soft cloth and wring out thoroughly, wipe out the dirt and then wipe the player again with a dry cloth immediately.

Note that alcohol, thinner, benzene, insecticides, etc., may cause failure to the coating and printing on the surface. Please also avoid leaving rubber or plastic stuffs in contact with the player for long periods, as this may damage the cabinet.

Last but not least, always unplug the power cord from the power outlet before cleaning the player.

1.3. Macrovision

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1.4. DOLBY DIGITAL

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2. Introduction

2.1. Overview

Thank you for purchasing this Portable DVD Player. This Portable DVD Player goes with excellent reading capabilities and supports various CD/DVD formats widely. It allows you to enjoy watching your favorite movies in a much luxurious way. In this manual, we will explain how to have it work correctly and properly. Please read this manual carefully before using the player.

2.2. Main Features

Excellent Compatibility

This portable player supports almost all major CD/DVD formats you can ever find. It also offers full compatibility to your former CD discs. What's more, this player even supports JPEG CD for you to share your happy memories with your friends and family.

Rock-solid Reliability

An improved anti-shock design theatrically increases the reliability. Optimum power control continually monitors signal levels during reading data from discs and adjusts laser power to compensate for those discs in bad condition. This improvement ensures a stable data flow read of discs, significantly enhancing the reliability.

Compact size

Outstanding ID design accomplishes the compact size. And the nice portability also makes it convenient to enjoy the movies anytime and anywhere. A home theater or even a personal theater is no longer a dream.

Slot-In Design

This portable player is designed with an outstanding slot-in loading mechanism, which is more convenient for your usage and take less space during operating. Unlike classic tray-type DVD player, no any tray or laser will pop-up in front of you, which also means no part of this device is potentially damaged.

Silent Operation

Most of the time, a DVD-ROM or DVD players generate annoying noise while reading discs. The special design of this portable player operates in a silent way during the playback. No more disagreeable noise occurs when you enjoy the movies in the still of night.

2.3. Format Compatibility

This Portable device is compatible with the following formats:

Disc Type	Support
DVD-5 / DVD-9	✓
DVD-10 / DVD-18	✓
DVD Video	✓
DVD±R	✓
DVD±RW	✓
VCD (MPEG-1)	✓
CD-DA	✓
CD-R	✓
CD-RW	✓
MP3 / JPEG on CD-ROM	✓

**Discs other than 12cm are not acceptable and cannot be loaded; however, for 8cm discs there is an adapter (not included) to transfer 8cm size to 12cm style.

**Discs cannot be playback:
   DVD-RAM

2.4. The Handling of Disc

Please read the following regarding the handling of CD/DVD discs.

- Do not expose the discs to excessive heat such as in direct sunlight or near a heater. Also avoid keeping them in a humid place.
- Do not touch disc surfaces. When handling a disc, hold it by its edges.
- Remove dust and dirt from disc surfaces. Use air-based dust removers. The surfaces may be scratched if wiped with a dry cloth. Do not clean discs with chemicals or detergents.
- Do not bend or drop discs, nor stick labels on disc surfaces.

3. Enjoy the movie with no pain

It cannot be easier to enjoy the DVD video with this portable DVD player. With this portable DVD player, all the complex setting and steps could be skipped and cast behind your back; the only thing you have to do is just slot the disc into the player and throw yourself down to the couch.

3.1. First Contact

First of all, plug the adapter to an outlet.

Secondly, connect the other side of the power cord to the jack marked "DC-IN" at the left side of the player, and turn the power on.
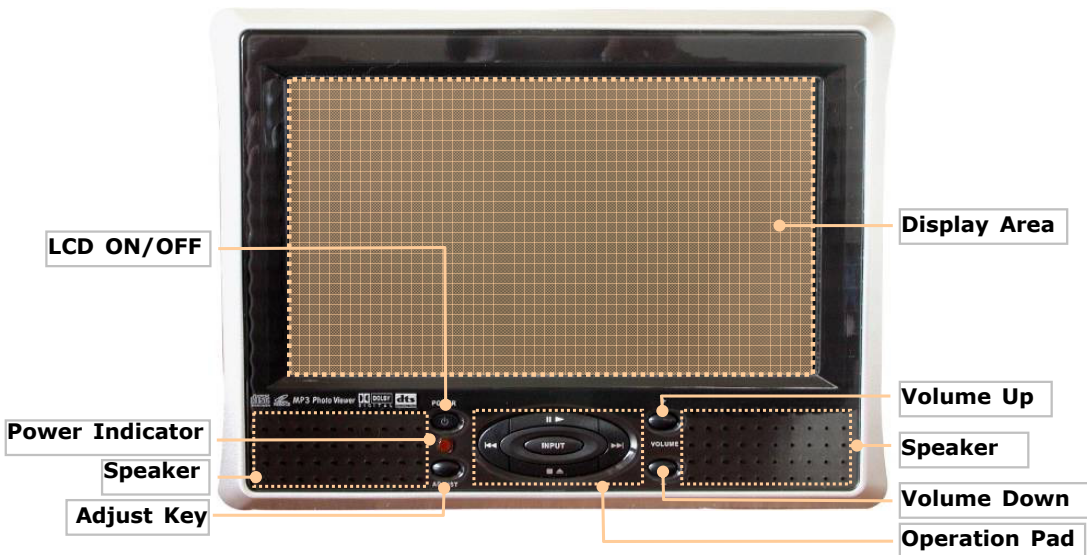
Finally, put your DVD disc into the slot at right side and that's it!

3.2. Know more about your DVD player

Front View

- **LCD ON/OFF (Standby Mode)**

  This button is used for turning ON/OFF the LCD power of the player; press this button continuously for 3 seconds, the player will be switched to standby mode, press it for 3 seconds again to resume.

- **Power Indicator**

  When you found static red light on indicator, it is in standby mode. When the indicator is in static green, the player is playing some sources.

- **Volume Up/Down**

  Turn up/down the volume when playing the video/audio.
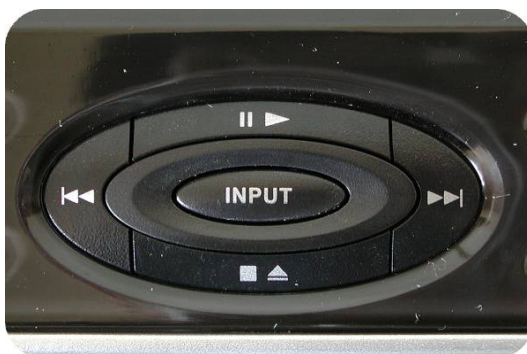
- **Adjust Key**

  Display the setup menu, allowing users to adjust the parameters;

  When a TV tuner module is installed, this button would be TV scan selection button. Press the adjust key for over one time, the quick adjust function would rotate in the order of:

  Brightness>Contrast>Reverse>Wireless Earphone module.
  **Depend on the real configuration of your purchase.

Operation Pad

INPUT	Input Source	1.	Switch source from Video-> DVD-> Tuner-> External
		2.	While tuner does not exist, the stage would be skipped.
II▶	Play/Pause	1.	Play/ Pause Video.
◼▲	Stop/Eject	1.	While video playback, use STOP key to stop DVD playback
		2.	While video stop, use STOP key to eject DVD playback.
▶▶	Next/FF/ Channel Up	1.	Video fast Forward (continue press), Skip to Next.
		2.	Tuner Channel Up
◀◀	Previous/REW/ Channel Down	1.	Video Fast Backward (continue press), Skip to Previous.
		2.	Tuner Channel Down

Combination Key ("Adjust" continue pressed)

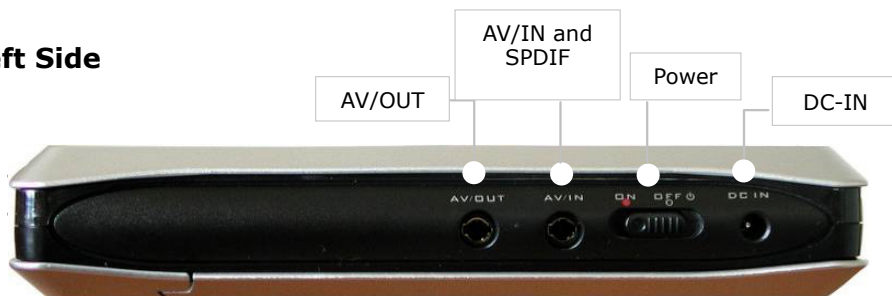**INPUT** **II▶** **◼▲** **◀◀** **▶▶** :Behaviors as Arrow key

Input: Enter Key

Volume up: Audio DVD for DVD sound track select

Volume down: Subtitle key

Power: Display Play back Information.

Left Side

AV/IN and
SPDIF

AV/OUT

Power

DC-IN

- **DC-IN**

  Connect the power cord to the outlet and the other side to this jack.

- **Power Button**

  Switch the button to left to turn on the main power of the player; vise versa, pull the button to right to turn it off.

- **AV/IN** and SPDIF

  This jack allows you to connect an external audio/video device, such as VCR, DVD player, camcorder, or video game player etc.

  With Special SPDIF cable to connect to Amplifier to decode Dolby digital、DTS、PCM Digital sound.

- **AV/OUT**

  This jack allows you to connect this DVD player to your TV, speaker, or even amplifier with Dolby Surround for further sound effects.

Right Side

Disc Slot

- **Disc Slot**

  This is the slot for the disc. Place the disc on the open of disc tray and then slightly push the disc. The disc would be drawn in and loaded automatically.

Rear View

- **Battery Pack**

    This DVD player is born to be portable and can be very easily used outside with its specialized battery pack and the extension dock. And its duration is about 3.5hrs. For the installation steps of the battery, please refer to chapter 5.

Extension Dock Battery Pack

Tripod Socket

Stand-alone DVD Player

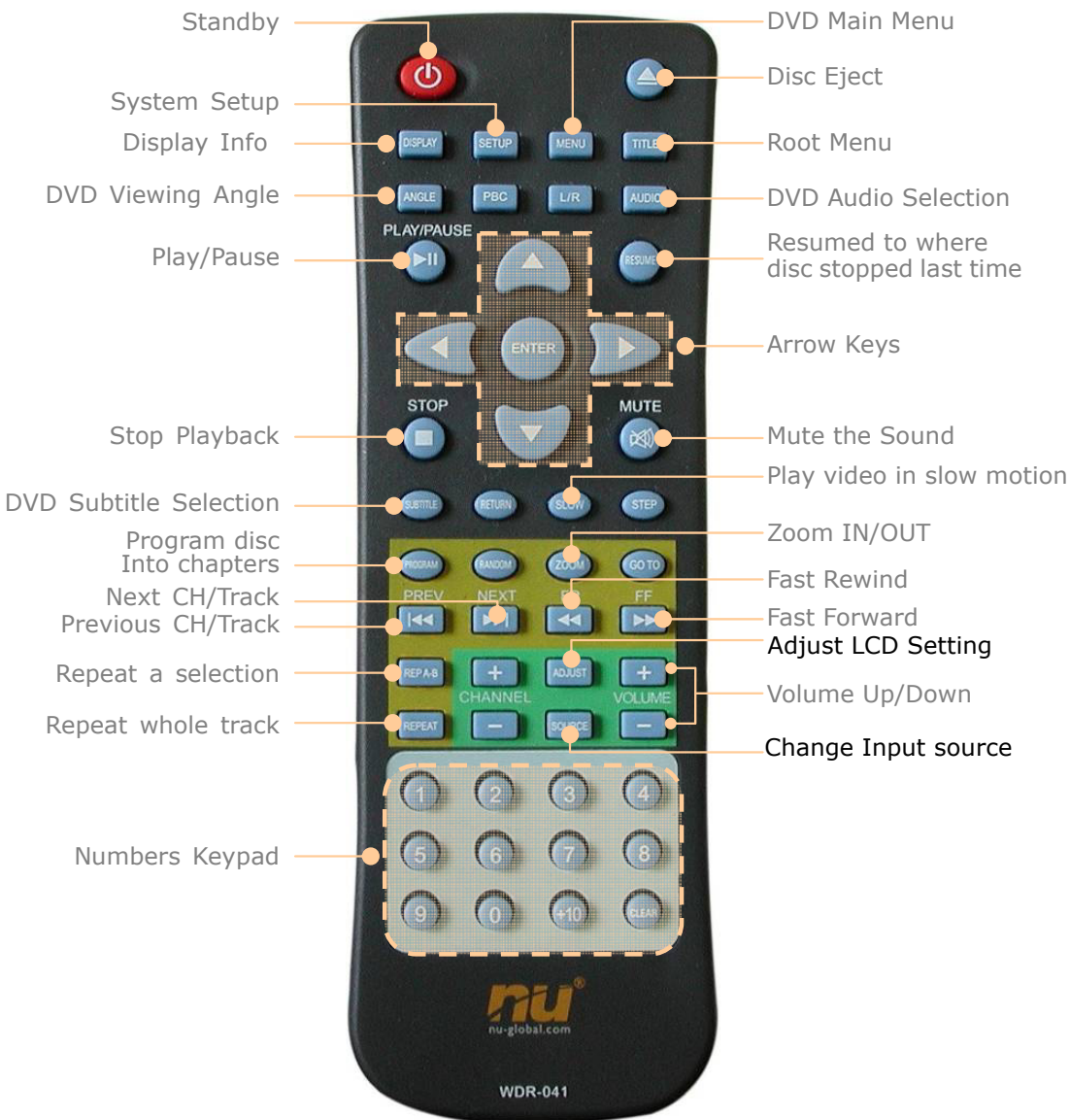| Tear the stand-alone frame off the module. | Place it horizontally on a stable platform with proper angle. | Turn it around, and starts enjoy the movie! |

3.3. Remoter Control

It's easy for you to execute most of the major functions from the remote control unit.

Standby — DVD Main Menu

— Disc Eject

System Setup —

Display Info — Root Menu

DVD Viewing Angle — DVD Audio Selection

PLAY/PAUSE

Play/Pause — Resumed to where disc stopped last time

— Arrow Keys

Stop Playback — Mute the Sound

— Play video in slow motion

DVD Subtitle Selection —

Program disc Into chapters — Zoom IN/OUT

Next CH/Track — Fast Rewind
Previous CH/Track — Fast Forward

Adjust LCD Setting

Repeat a selection — Volume Up/Down

Repeat whole track — Change Input source

Numbers Keypad —

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- **Change Battery**

    Changing battery is as easy as changing your alarm clock battery. It needs no complicated steps.

Push-open locker

Battery Container

First of all, please flip the remote control over. You may see that the battery container is at the bottom and its push-open locker is at its right side.

Secondly, press the push-open locker and pull the container out downwardly at the same time.

Finally, put the newly full battery onto the container, and lock the container back will do.
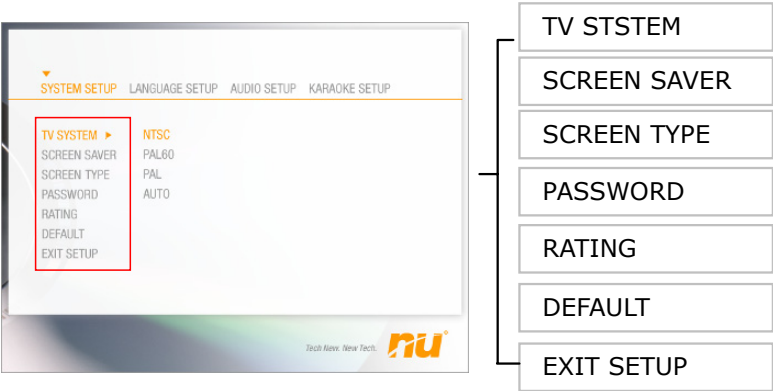
4. Advanced Settings

After powering on, you will be prompted with a crispy welcome screen. And after that you will find all interfaces are designed with practical settings that are useful to you.

4.1. System Setup

To enter settings just simply press the **Setup** SETUP button on remote control, you may find **SYSTEM SETUP** at the first page.
Within the system setup, you may find settings as follow. These are the most frequently adjusted and practical functions, let me introduce them in sequence here.

TV SYSTEM

TV system is what you have to adjust when you are living in different countries and get different local disc format. The default setting is **AUTO** and mostly you don't have to change. To do the settings manually, you have these selections:

NTSC
PAL60
PAL
AUTO

SCREEN SAVER

You may decide how long before the system starts playing the screen saver when no title is playing. Choices are:

1 MIN
5 MIN
10 MIN
30 MIN
OFF.

SCREEN TYPE

Screen TYPE decides how your screen be viewed during playback. For examples, they are 3 types here:

4:3PS
4:3LB
16:9

PASSWORD

Password is quite a considerate function. You may decide the rating of a specific movie and set password for it. For movies that are inappropriate for children to watch, you may set password to lock them up.

(DEFAULT ****)

RATING

This item allows you to set the permission level of your password.

NO ADULT
KID SAFE
VIEW ALL

DEFAULT

You may restore all your previously set configurations to its original setting by choosing this item.

EXIT SETUP

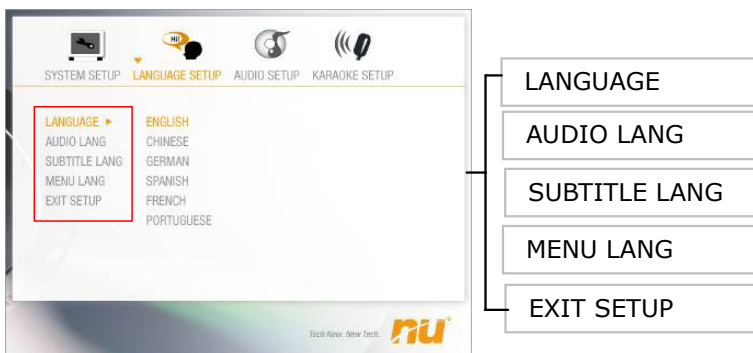After having all configurations set up, you may exit setup from here.

Every setup comes with the EXIT SETUP at the last item.

4.2. Language Setup

To enter LANGUAGE SETUP is as easy as entering system setup. Simply press the **Setup** button on remote control, and then press **RIGHT** arrow keys to get to the LANGUAGE SETUP page.

The operating way of language setup is similar to system setup. You may find various items here for adjustment.

LANGUAGE

The language setting here refers to the language of the interface. Every wording of this system will be the language you chose. The system comes with 6 languages for your preferences.

ENGLISH
CHINESE
GERMAN
SPANISH
FRENCH
PORTUGESE

DVD AUDIO LANG

AUDIO LANG follows the same rule of LANGUAGE. You may decide the language versions coming out from your audio system.

DVD SUBTITLE LANG

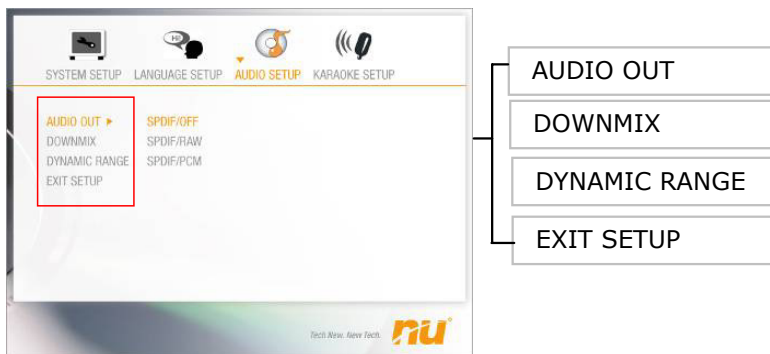SUBTITLE LANG decides the language versions of the subtitle during playback.

DVD MENU LANG

MENU LANG decides the menu language of the DVD you played.

EXIT SETUP

EXIT SETUP comes at the last option as well in language setup. Exit the setup after completing settings.

4.3. Audio Setup

AUDIO SETUP may set different configurations for your audio device on your system. To get into audio setup, just follow the same path of the previous ones.

AUDIO OUT

With this SPDIF format option, you may output the audio to a high-end amplifier for better sound effect. It also supports 5.1 channel surround to adopt with your amplifier.

SPDIF/OFF – No SPDIF output.
SPDIF/RAW – With Dolby Digital / DTS encoded SPDIF output.
SPDIF/PCM – Without Dolby Digital / DTS encoded SPDIF output.

DOWNMIX

Depending on the audio channels you got on your audio system. You may decide the DOWNMIX of the channels, whether they are LT/RT, Stereo, VSS, or just turn off.
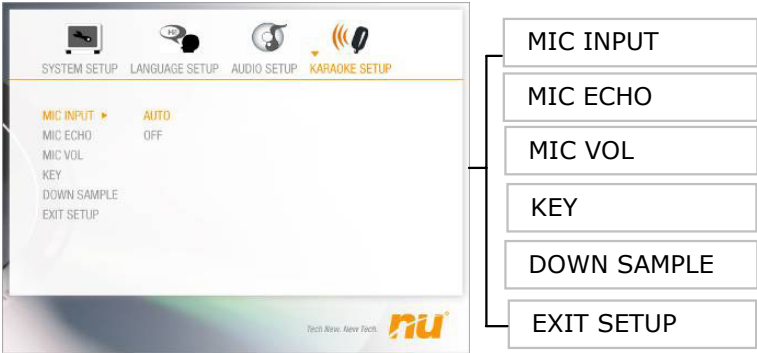
DYANMIC RANGE (Night Mode)

Dynamic range decides the pitch of volume. You may set them as full, 6/8, 4/8, 2/8 or off. To Compress the high volume Dolby Digital movie, prevent the sudden high volume sound appeared.

EXIT SETUP

After settings are done, you may just exit the page.

4.4. Karaoke Setup

KARAOKE SETUP, literally, means setting up anything that relates to your karaoke disc and microphone. To get into KARAOKE SETUP, just follow the same path of the previous ones.

MIC INPUT

You may turn the microphone on automatically by setting **AUTO** or turning it off by selecting **OFF** in the MIC INPUT option.

MIC ECHO

You may change the echo rate of **2**, **4**, **6**, **8**, or have it turned **OFF**.

MIC VOL

MIC volume is adjustable too. They are ranging from **FULL**, **6/8**, **4/8**, **2/8** to **OFF**.

KEY

You may decide the key of the music according to your voice.

DOWN SAMPLE

The standard sample rate for DVD is **192K**. However, you may downsize them to **48K**, **96K** as well.

5. Accessory

5.1. Accessory Checklist

This DVD Player comes with many useful accessories, some are included when they are shipped and some are optional.

Carry Bag A

Carry Bag B

Leather Bag

Battery

AV cable

CLA

Wireless Headset (Optional)

Back Plates

5.2. Accessory Installations

Battery Installation

Installing battery is easy. All you need is 2 steps to install it and only 1 step for uninstalling.

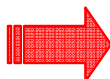| Insert one end of the battery (the one with a single plate) to the extension dock. | Insert the other end of the battery (the one with a two teeth) to the extension dock. | **Uninstalling** battery module; press the lock to its other side to release the battery. |

When the battery module (or TV module) is not in use, it's strongly recommended to lay back the plates to protect the contacts from oxidation. The installation steps are exactly the same as mentioned above.
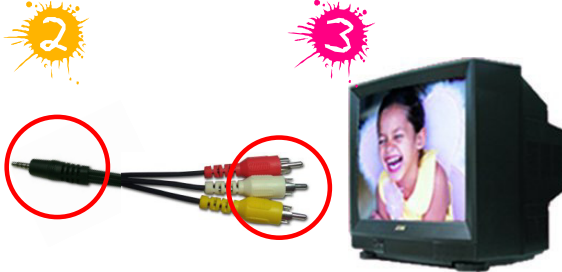

AV Cable Connection

AV-OUT

With AV cable plugged in the AV-OUT jack, it allows you to transfer any audio, MP3 or images you have on DVD player to your TV sets, so that you could have a bigger view on TV.

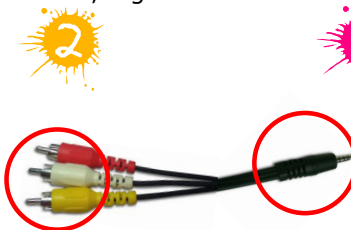| Connect one end of the AV cable (the black one) to the AV-OUT jack of DVD module. | Connect the other end of the AV cable (the one with red, yellow and white connectors) to the TV sets or any other monitors. |

AV-IN

With AV cable plugged in the AV-IN jack, it allows you to transfer any audio or images you have on your DV, digital camera or camcorder.

DVD Player
DV、

| Connect one end of the AV cable (the one with red, yellow and white connectors) to the video sources. | Connect other end of the AV cable (the black one) to the AV-IN jack of DVD player. |

TV Tuner (Optional)

6. Technical Support

6.1. Specification

Dimension:	199.9 x 148 x 26 mm
Viewing Area:	154.08(H) x 86.58(V) mm
Max. resolutions (dots):	480(H) x 234(V) x 3(RGB)
Aspect Ratio:	16:9
Typical Brightness:	500 cd/m2
Power Supply:	DC:12V (adaptor) ; 7.4V (Battery)
Disc Diameter:	12cm disc

Temperature
Operating	5°C ~ 40°C
Storage	-20°C ~ 60°C
Shipping	-40°C ~ 65°C

Humidity
Operating	8% ~ 80% RH
Storage	8% ~ 80% RH
Shipping	5% ~ 95% RH

Video Output
Format:	Composite Video (NTSC / PAL)
CVBS Level:	1.0±0.2 Vp-p @75ohm
Video S/N:	$\geq$ 56db

Audio Output (32 OHM)
DA converter	24bits 96kHz
Analog output	2CH
Digital output (Optical SPDIF)	Linear PCM
	Dolby Digital (AC-3)
	DTS
Level	Max 1 ±0.2 Vrms @ 1K ohm impendence
Frequency Response	20Hz-20Khz +1 / -3dB
Signal-Noise Ratio(1KHz, 0dB)	$\geq$80dB

6.2. Troubleshooting

Symptom	Possible Causes	Solutions
No operation	No power	• Check if the power cord is connected securely to the connector.
No reaction with the remote control	No Battery	• Check if the battery has been installed correctly.
	Poor Response	• Point the remote control straight to the sensor and try again.
Read error occurs/ No Disc	Defective CD-ROM disc	• Deep scratches, fingerprints or other contaminates on the discs surface can disable the device from reading data. Always keep it clean.
	Disc inserted upside down	• Remove the disc from slot and reinsert it with the label side up.
Excessive noise when reading	Eccentric disc loaded	• Check the disc and remove any label on the surface.
	Seal attached on the surface	• Detach the seal very carefully. Don't make any scratches.
Cannot select alternative languages	Not available for function key	• Try to select the language from the disc's menu.
Cannot Unlock the password	Password Mislaid	• Press "0000" to reset the password to factory default.
Can read only the first session of a multi-session disc	"Close session" was not selected at the previous writing	• Additional session cannot be read because the previous session was not closed. Rewrite on other CD-R/RW or DVD±R/±RW media.
Cannot read the former session of the CD-R/RW or DVD±RW/±R disc which has been written at least twice	"Load Contents" or "Import Session" was NOT clicked on the software	• If recorded without checked "Load Contents" or "Import Session", it is impossible to read. But when using utility software such as "Session Selection" from Adaptec, the former session can be read.