



FERGUSON

DIGITAL MULTIMEDIA TECHNOLOGY

DVP868HD
*DivX HD 720p
and DVD player*

EN 

User manual

PL 

Instrukcja obsługi

cz 

Uživatelská příručka





EN 

This equipment is marked with the above recycling symbol. It means that at the end of the life of the equipment you must dispose of it separately at an appropriate collection point and not place it in the normal domestic unsorted waste stream. This will benefit the environment for all.

PL 

To urządzenie oznakowane jest specjalnym symbolem odzysku. Po okresie użytkowania trzeba je zwrócić do odpowiedniego punktu zbiórki i nie wolno umieszczać go razem z nieposortowanymi odpadami domowymi. Takie działanie przynosi korzyść dla środowiska.

DE  **AT** 

Dieses Produkt trägt das Recycling-Symbol gemäß der EU-Richtlinie 2002/96/EC. Das bedeutet, dass das Gerät am Ende der Nutzungszeit bei einer kommunalen Sammelstelle zum Recycling abgegeben werden muss (kostenlos). Eine Entsorgung über den Haus-/Restmüll ist nicht gestattet. Dies ist ein aktiver Beitrag zum Umweltschutz.

CZ 

Toto zařízení je označeno výše uvedeným recyklačním symbolem. To znamená, že na konci doby života zařízení musíte zajistit, aby bylo uloženo odděleně na sběrném místě, zřízeném pro tento účel, a ne na místech určených pro ukládání běžného netříděného odpadu. Přispěje to ke zlepšené stavu životního prostředí nás všech.

HU 

A készülék a fenti újrafelhasználási szimbóllummal van megjelölve. Ez azt jelenti, hogy a készüléket használati időtartama után egy külön gyűjtőhelyen kell leadni. A normál háztartási hulladékkal és egyéb szeméttel együtt a készüléket kidobni nem szabad. Ezáltal hozzájárulunk környezetünk védelméhez.

ES 

Este equipo está etiquetado con el símbolo de reciclado que puede verse arriba. Esto quiere decir que al final de la vida del equipo, éste debe ser llevado a un punto de recogida específico para equipos electrónicos, y no a los contenedores normales de residuos domésticos. Esto beneficiará al medio ambiente para todos.

RU 

Это устройство обозначено специальным символом утилизации. После истечения эксплуатационного срока следует его вернуть в соответствующий пункт сборки, и запрещено его размещать с не отсортированными домашними отходами. Этим Вы не наносите вреда для окружающей среды.

NL 

Dit Produkt draagt het Recycling-Symbool volgens de EU-norm 2002/96/EC en kan worden gerecycled. Deponeer hem bij een recycle-punt .

EN 

Notes for battery disposal

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed of with normal household waste.

Please inform yourself about the local rules on separate collection of batteries. The correct disposal of batteries helps prevent potentially negative consequences on the environment and human health.

PL 

Uwagi dotyczące utylizacji baterii

Produkt zawiera baterie objęte dyrektywą Unii Europejskiej 2006/66/WE, których nie wolno wyrzucać wraz ze zwykłymi odpadami komunalnymi.

Należy zapoznać się z lokalnymi przepisami dotyczącymi selektywnej zbiórki baterii. Odpowiednia utylizacja baterii pomaga chronić środowisko naturalne oraz ludzkie zdrowie.

DE  

Hinweise zur Entsorgung von Batterien

Für Ihr Produkt werden Batterien verwendet, für die die Europäische Richtlinie 2006/66/EG gilt und die nicht mit dem normalen Hausmüll entsorgt werden können.

Informieren Sie sich über die geltenden Bestimmungen Ihres Landes zur separaten Sammlung von Batterien. Die korrekte Entsorgung von Batterien hilft negative Auswirkungen auf Umwelt und Gesundheit zu vermeiden.

CZ 

Poznámky k likvidaci baterií

Výrobek obsahuje baterie, které podle směrnice EU 2006/66/EC, nelze odkládat do běžného komunálního odpadu. Baterie likviduje v souladu s místními předpisy týkajícími se likvidace baterií a nebezpečného odpadu. Správná likvidace pomáhá předcházet případným nepříznivým účinkům na životní prostředí a lidské zdraví.

HU 

Megjegyzések az elemek kislejtezéséről

A termék által tartalmazott elemeket az Európai Unió 2006/66/EC vonatkozó direktívája értelmében nem szabad a háztartási hulladékgyűjtőbe dobni.

Kérjük, tájékozódjon az elemek szelektív gyűjtésének helyi szabályairól. Az elhasznált elemek megfelelő hulladékkezelése segítséget nyújt a környezettel és az emberi egészséggel kapcsolatos esetleges negatív következmények megelőzésében.

ES 

Notas para el desecho de pilas/baterías

El producto contiene pilas contempladas por la directiva europea 2006/66/EC, que no se deben tirar con la basura normal del hogar.

Infórmese de la legislación local sobre la recogida selectiva de pilas. El desecho correcto de las pilas ayuda a evitar potencialmente consecuencias negativas para el medio ambiente y la salud humana.

RU 

Замечания по замене батарей

зделие содержит батареи, соответствующие директиве Европейского Союза 2006/66/EC, и не подлежащие утилизации вместе с бытовым мусором.

Для утилизации батарей необходимы сведения о местной системе сбора отходов. Правильная утилизация отслуживших батарей поможет предотвратить возможное вредное воздействие на окружающую среду и здоровье человека.



HDMI (High Definition Multimedia Interface) is a digital video transmission without the loss of image quality. The integrated control bus allows system control between the TV set and connected devices like a digital set top box.

Manufactured under license from Dolby Laboratories.

"Dolby", and the double-D symbol are trademarks of Dolby Laboratories.

Macrovision

This product incorporates copyright protection technology that is protected by method claims of certain U.S patents and other intellectual property rights owned by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

CAUTION

Visible and invisible laser radiation when open. avoid exposure to beam.



DivX, DivX Certified, and associated logos are trademarks of DivX, Inc. and are used under license.

ENGLISH 

POLSKI 

ČESKY 

ENGLISH

POLSKI

ČESKY

1. What's in the box?



DVD player DVP868HD



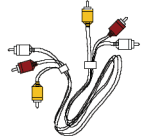
User manual



Remote Control Unit



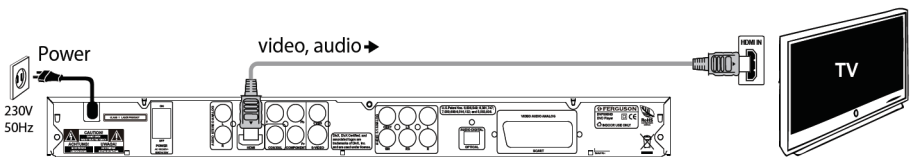
2x AAA batteries



A/V cable

2. Connect - basic audio/video connections

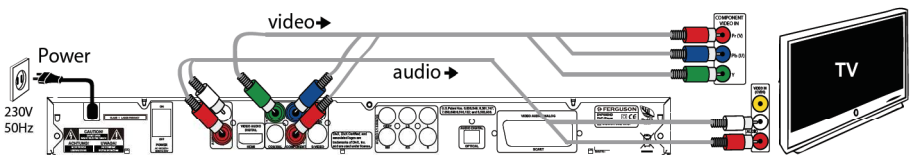
HDMI (Best quality, cable supplied)



Default HDMI resolution can be changed in SYSTEM SETUP menu HD OUTPUT menu item.

or

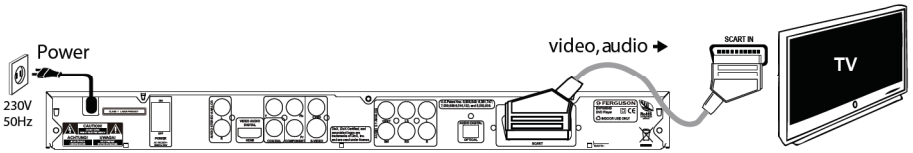
Component (Better quality, cable not supplied) and stereo audio



or

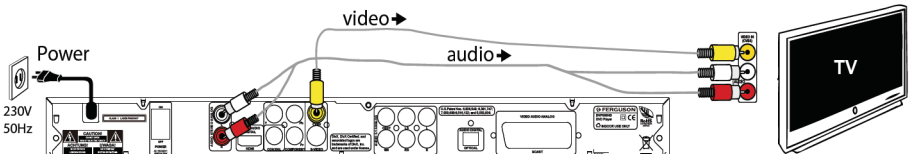
Quick Start Guide

SCART (Good quality, cable not supplied)



or

CVBS / Composite (Normal quality) and **stereo audio**



3. Setup

- 1 Press **⏻** to turn on.
- 2 Press **SETUP**. The **🇬🇧 SYSTEM SETUP** Page appears.
- 3 Press **▶** to select **🇬🇧 LANGUAGE SETUP** Page.
- 4 Press **▼** to select **🇬🇧 {OSD LANGUAGE}** and press **▶**.
- 5 Use **▲▼** keys to select a language option in the menu and press **OK** to confirm.
- 6 Press **SETUP** to exit.

4. Use

- 1 Playback may start automatically when a disc has been loaded in the disc tray.
- 2 If a disc menu appears on the TV, use **◀▶▲▼** keys to navigate in the DVD menu.
- 3 Press **PLAY** to start playback.
- 4 To stop playback, press **STOP**.

CAUTION!

Refer to the user manual for more information.

Introduction

- 1 Supplied accessories
- 1 Cleaning discs
- 1 Safety Information
- 2 User manual
- 2 Software upgrade
- 3 Symbols used on the device
- 3 Setup

Connections

- 4 Connecting TV
- 6 Connecting the power cord
- 7 Optional: Connecting to an Stereo System
- 7 Optional: Connecting to a Multi-channel Receiver
- 8 Optional: Connecting Digital AV Receiver
- 8 Optional: Connecting a supported USB devices

Functional Overview

- 9 Front and Rear Panels
- 10 Remote Control Unit (RCU580)

Getting Started

- 11 Step 1: Inserting batteries into the Remote Control
- 11 Step 2: Setting up the TV
- 12 Step 3: Setting language preference

Disc Operation

- 13 Upscaling
- 13 Playable discs
- 13 Playing discs
- 14 Basic playback controls
- 14 Selecting various repeat/shuffle functions
- 14 Operation for video playback (DVD/VCD/SVCD)
- 15 OSD (On-Screen Display) (DVD/VCD/SVCD/DivX®)
- 16 Special DVD Features
- 16 Switching playback mode
- 17 Playing a DivX® disc
- 17 Playing JPEG/Picture CD/audio files
- 18 USB playback

DVD Setup Menu Options

- 19 System Setup Menu
- 21 Language Setup Menu
- 22 Audio Setup Menu
- 22 Video Setup Menu
- 23 Speaker Setup Menu
- 23 Digital Setup Menu

Troubleshooting

Specification

Glossary

Supplied accessories

Remote Control
and
two AAA batteries



Cleaning discs

To clean a disc, use a micro fibre cleaning cloth and wipe the disc from the center to the edge in a straight line.

CAUTION!

Do not use solvents such as benzene, thinner, commercially available cleaners, or anti-static sprays intended for discs. Since the optical unit (laser) of the DVD system operates at a higher power than regular DVD or CD players, cleaning CDs intended for DVD or CD players may damage the optical unit (laser). Therefore, refrain from using a cleaning CD.

Safety Information

- Please observe all warnings and instructions on the equipment and contained in these operating instructions.
- Please carefully read this user's manual before using the device.
- To avoid electric-shock hazards, do not open the cabinet, refer servicing to qualified personnel only. If cabinet is opened warranty will be invalid.
- Please switch off completely the device during thunder, during abnormal phenomenon, before cleaning it and in case it remains out of service for a long period.
- Do not expose the device under the sunlight. And keep it away from the heat source or humid environments. Do not block ventilation holes of the device so that air can circulate freely.
- Please place the device in horizontal and stable conditions, keeping it away from vibrating.
- If device is moved from warmer place to a colder one some problem might occur. Please switch off the device and turn it on after 1 or 2 hours.
- Keep the device away from flower vases, tubs, sinks, etc., in order to avoid damaging the equipment. Do not touch power supply with wet hands.
- Don't put any objects on the device.
- Be sure to turn the device off and disconnect the AC power cord before cleaning the receiver surface. If the surface is dirty, wipe clean with a cloth which has been dipped in a weak soap/and/water solution and wrung out thoroughly, and then wipe again with a dry cloth.
- Do not connect cables while power is plugged.

Introduction

- Do not use damaged cables for connections: you could cause fires.
- Please switch off completely the device while making all connections.
- The product purchased is a sophisticated electronic device which is not suitable for children under 18 years.
- We do not assume responsibility for damages caused to people or object, deriving from use of the device made by people under 18 years.

User manual

Ferguson has used all the available means to ensure the latest information regarding its products. Ferguson does not give a warranty regarding the contents of this User Manual and waives any implied warranties regarding market value or fitness for specific purposes. The information contained herein provide guidelines allowing the operation and maintenance of the receiver.

Ferguson reserves the right to make changes, corrections or to translate the User Manual without giving prior notice of such changes. Therefore, it is recommended that users visit our website regularly to receive the latest information.

Software upgrade

Periodically Ferguson will issue software upgrade to enhance your user experience.

- **To download and install the latest software to the DVD player**

Visit the Ferguson website www.ferguson-digital.eu to check the availability of the latest software upgrade.

Symbols used on the device

The caution risk of electrical shock - do not open symbol

This symbol tells you that you are not allowed to open the device. Only authorized (service) technicians are allowed to open the box.

The CE mark

This mark tells you that the device is following the provisions of Council Directive 89/336/EEC on the approximation of the laws of the Member States relating to the electromagnetic compatibility and the provisions of Council Directive 73/23/EEC and 93/68/EEC on the approximation of the laws of the Member States relating to low voltage and electrical safety.

The double insulation symbol

This symbol tells you that the device is electrically safe within the normal use of the device as stated in the safety chapter.

The RoHS mark

This mark tells you that the device is following The Directive on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment 2002/95/EC (commonly referred to as the Restriction of Hazardous Substances Directive or RoHS)

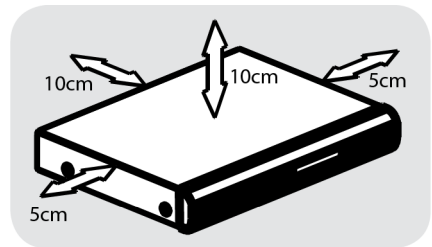
Setup

Finding a suitable location

- Place the set on a flat, hard and stable surface. Do not place the set on a carpet.
- Do not position the set on top of other equipment that might heat it up (e.g. receiver or amplifier).
- Do not put anything under the set (e.g. CDs, magazines).
- Install this system near the AC outlet and where the AC power plug can be reached easily.

Space for ventilation

- Place the apparatus in a location with adequate ventilation to prevent internal heat build up. Allow at least 10 cm clearance from the rear and the top of the set and 5 cm from the left and right to prevent overheating.

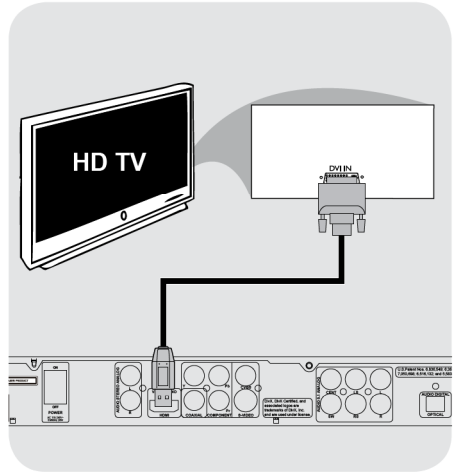
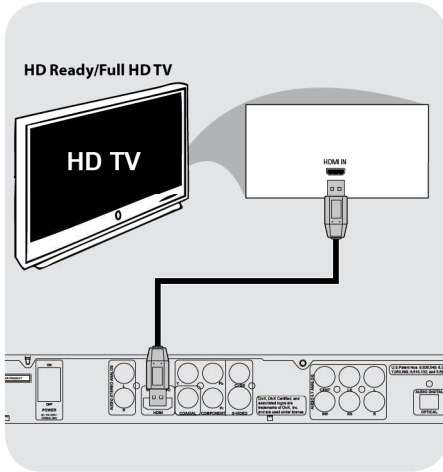


Avoid high temperatures, moisture, water and dust

- Apparatus shall not be exposed to dripping or splashing.
- Do not place any sources of danger on the apparatus (e.g., liquid filled objects, lighted candles).

Connections

Connecting TV



IMPORTANT!

- You only need to make one video connection from the following options, depending on the capabilities of your TV system.
- Connect the DVD system directly to the TV.
- When there is no picture on screen press repeatedly VIDEO key.

Using HDMI (High Definition Multimedia Interface) sockets

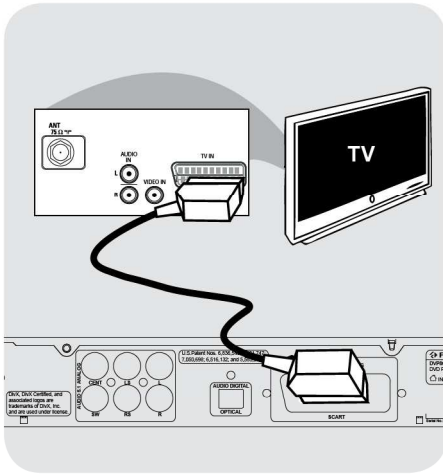
- HDMI transfers an uncompressed digital signal for the clearest sound/image quality.
- It has plug and play capability using only one cable for both audio/video output.
- ① Use a HDMI cable (not supplied) to connect the DVD player's HDMI to HDMI IN on the HDMI TV.
 - It may take a while for the DVD player and input device to communicate and initialise.

Using DVI (Digital Visual Interface) sockets

- If your TV has a DVI IN socket, you need a HDMI-DVI adapter cable to connect the HDMI socket on the DVD player.
- This HDMI-DVI cable has only video output capability.
- ① Use a HDMI-DVI cable (not supplied) to connect the DVD player's HDMI to DVI IN on the DVI TV.

Helpful hint:

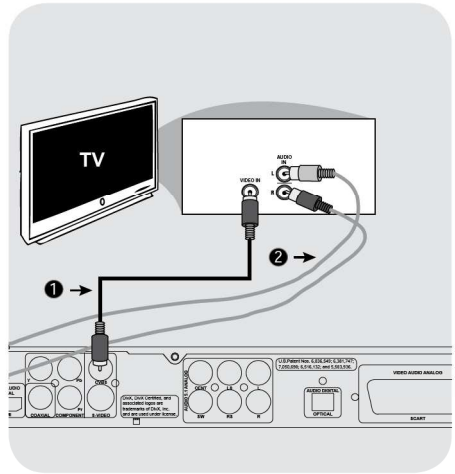
- To hear sound from the DVD player, use one of the audio connections.



Using SCART Jack

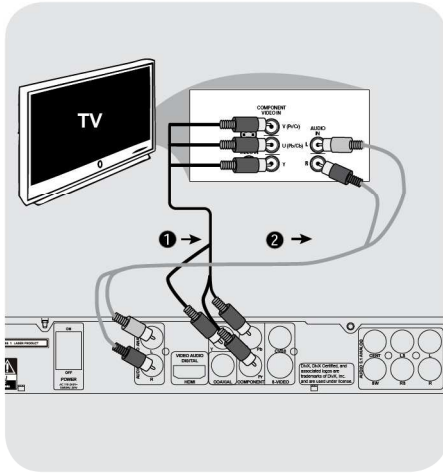
– A **SCART** connection will let you use features both **Audio and Video** on the **DVD Player**.

- Use the SCART cable (black) to connect the DVD Player's SCART jack (TV OUT) to the corresponding Scart input jacks on the TV.



Using Composite Video Jacks (CVBS)

- 1 Use the composite video cable (yellow) to connect the DVD player's CVBS (VIDEO) jack to the video input jack (or the labled as A/V in , Video In, Composite or Baseband) on the TV.
- 2 To hear the sound of this DVD Player through your TV, use the audio cables (white/red) to connect AUDIO OUT (L/R) jacks of the DVD player to the corresponding AUDIO IN jacks on the TV.



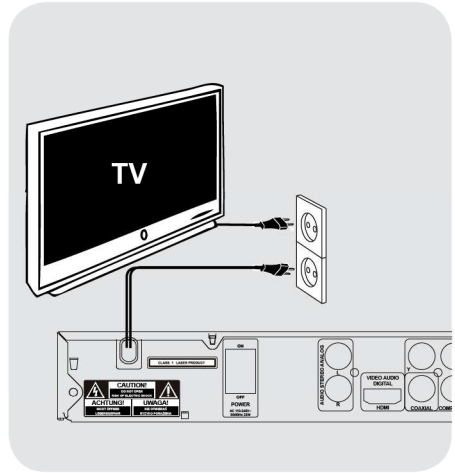
IMPORTANT!

– The progressive scan video quality is only possible when using Y Pb Pr and a progressive scan TV is required.

Using Component Video Jacks (Y Pb Pr)

- 1 Use the component video cables (red/blue/green) to connect the DVD system's Y Pb Pr jacks to the Corresponding Component video input jacks (or labeled as Y Pb Pr) on the TV.
- 2 To hear sound of this DVD player through your TV, use the audio cables (white/red) to connect AUDIO OUT (L/R) jacks of the DVD player to the corresponding AUDIO IN jacks on the TV.

Connecting the power cord

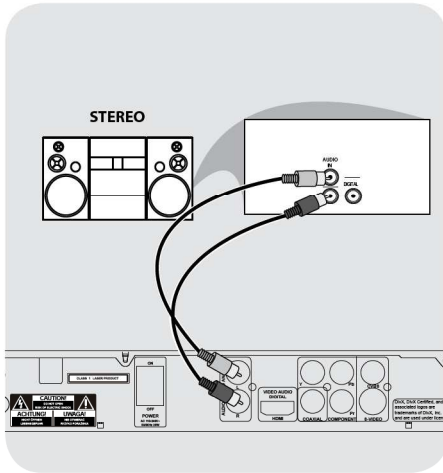


After everything is connected properly, plug in the AC power cord to the power outlet.

Never make or change any connections with the power switched on.

When no disc is loaded, press **POWER** on the DVD player front panel. "NO DISC" may appear on the display panel.

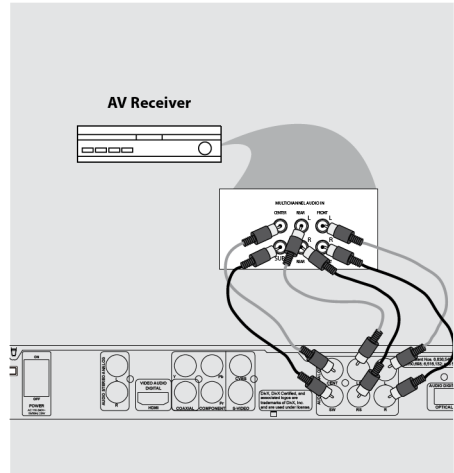
Optional: Connecting to an Stereo System



Stereo system has Dolby Pro Logic or Right/Left Audio In Jack

- 1 Select one of the video connections (CVBS VIDEO IN, SCART or COMPONENT VIDEO IN) depending on the options available on your TV.
- 2 Use the audio cables (white/red) to connect **AUDIO OUT (L/R)** jacks of the DVD Player to the corresponding AUDIO IN jacks on the stereo system.

Optional: Connecting to a Multi-channel Receiver



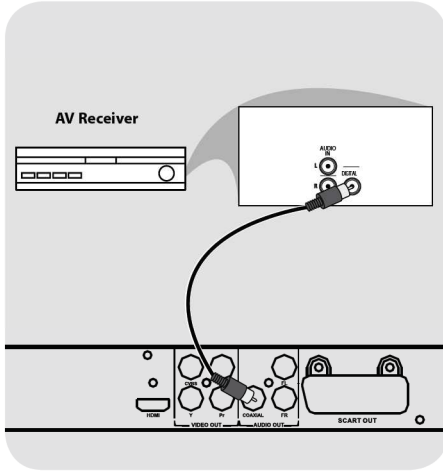
Receiver has multichannel analog input

- 1 Select one of the video connections (CVBS VIDEO, SCART or COMPONENT VIDEO) depending on the options available on your TV.
- 2 Connect the Audio Out Left and Right jack for Front and Rear speakers to the corresponding input sockets on your Receiver.
- 3 Connect the Audio Out for center speaker, surround left, surround right and subwoofer to the corresponding inputs on your Receiver (cable not supplied).
- 4 Set the DVD Player's Analog Output (menu **SPEAKER SETUP > DOWNMIX**) to '5.1 CH' to enable playback of DVDs recorded in Multi-channel.

Helpful Hint:

- If the subwoofer is equipped with its own amplifier, the Subwoofer connection should be connected directly to the subwoofer.

Optional: Connecting Digital AV Receiver



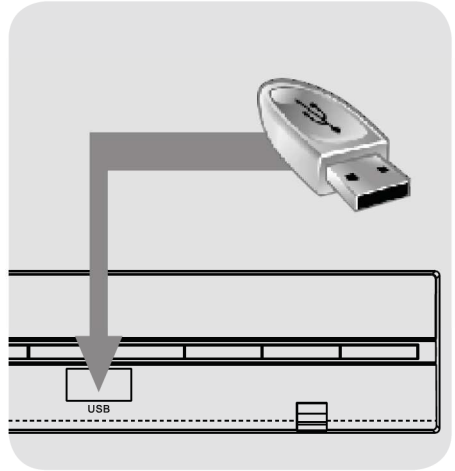
Receiver has a PCM or Dolby Digital decoder

- 1 Select one of the video connections (CVBS VIDEO, SCART or COMPONENT VIDEO) depending on the options available on your TV.
- 2 Connect the COAXIAL or OPTICAL jack of the DVD player to the corresponding Digital Audio In jack on your Receiver (*cable not supplied*).
- 3 Set the DVD Player's Digital Output to PCM or RAW (menu AUDIO SETUP > AUDIO OUT) depending on the capabilities of your Receiver.

Helpful hint:

– If the audio format of the Digital Output does not match the capabilities of your receiver, the receiver will produce a strong, distorted sound or no sound at all.

Optional: Connecting a supported USB devices



Using USB port

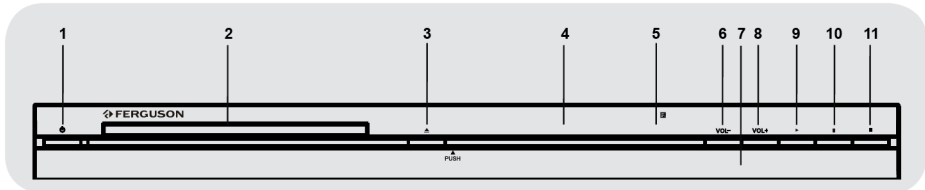
You can only view the content of supported USB devices through this DVD system.

- 1 Connect the supported USB device directly to the USB port on the front panel (as shown on the above illustration).
- 2 Press **INPUT** button on the remote control in order to view the files stored in the supported USB device.
- 3 You have to stop playback before removing the supported USB device from the USB port.

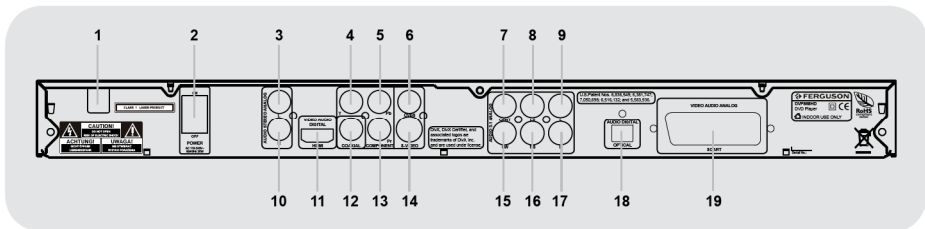
Helpful hints:

- The USB port supports playback of JPEG/audio files/video files.
- Not all portable audio/video players and digital cameras are supported.
- While connected to a card reader, only one card can be read at the same time.
- Only format FAT16, FAT32 partitions are supported by USB.. NTFS. is not supported
- External hard disk drives without separate power supply are not supported and may not work.
- If the USB device does not fit into the USB port, a USB extension cable is required.

Front and Rear panels



- | | |
|---|---|
| <ul style="list-style-type: none"> ❶ POWER - Turns the player on ❷ Disc tray ❸ EJECT - Open / close the disc tray ❹ Display - Shows information about the current status of the DVD Player ❺ IR Sensor - Point the remote control towards this sensor | <ul style="list-style-type: none"> ❻ VOL - - Decrease the volume ❼ USB port - Input the supported USB device ❽ VOL + - Increase the volume ❾ PLAY - Starts playback ❿ STOP - Stops playback ⓫ PAUSE - Pauses playback |
|---|---|



- | | |
|--|---|
| <ul style="list-style-type: none"> ❶ Main (AC Power Cord) - connect to a standard AC outlet ❷ Power - power switch ❸ L Stereo Audio Out - connect to audio left input of a stereo system ❹ Y (Component Video Out) - connect to Y input of a TV ❺ Pb (Component Video Out) - connect to Pb input of a TV ❻ CVBS (Video Out) - connect to CVBS video input of a TV ❼ C Multichannel Audio Out - connect to center input of an amplifier ❽ LS Multichannel Audio Out - connect to left surround input of an amplifier ❾ FL Multichannel Audio Out - connect to front left input of an amplifier ❿ R Stereo Audio Out - connect to audio right input of a stereo system ⓫ HDMI - Audio and video output socket for the high definition television set | <ul style="list-style-type: none"> ⓫ COAXIAL (Digital Audio Out) - connect to coaxial audio input of an amplifier ⓬ Pr (Component Video Out) - connect to Pr input of a TV ⓭ S-Video - connect to S-Video compatible device ⓮ SW Multichannel Audio Out - connect to subwoofer input of an amplifier ⓯ RS Multichannel Audio Out - connect to right surround input of an amplifier ⓰ FR Multichannel Audio Out - connect to front right input of an amplifier ⓱ OPTICAL (Digital Audio Out) - connect to coaxial audio input of an amplifier ⓲ SCART - connect to SCART input of a TV |
|--|---|

Functional Overview

Remote Control Unit (RCU580)

Due to standardization fact most of Ferguson DVD players are using the same remote control unit RCU580. That is why NOT all keys are being used by this DVD model!!



- Turns the player on or switches it to standby mode
- Open / close the disc tray
- A (Blu-ray)** - Access PBC menu
- B (Blu-ray)** - Selects analog video output mode
- C (Blu-ray)** - Arrange program
- D (Blu-ray)** - enters +10 value in a menu
- Alphanumeric keypad 0-9** - Selects numbered items in a menu
- AUDIO** - Selects an audio language (DVD/VCD)
- SUBTITLE** - Selects a DVD subtitle language
 - Selects a DivX® subtitle file
- SETUP** - Enters or exits system setup menu
- INFO** - Display information on the screen during playback
 - Cursor buttons for moving left, right, up, down.
 - Fast forward / reverse search
- OK** - Confirms an entry or selection
- VOL + -** - Increase / decrease the volume
- NEXT / PREVIOUS** - Skips to the next/ previous title/chapter/track
- MUTE** - Turn on/off sound
- STEP** - Step play
- SLOW** - Slow the normal play motion
- STOP** - Stops playback
- PLAY/PAUSE** - Starts or pauses playback
- MENU** - Enter or exits the disc menu
- TITLE** - To go back to show title menu
- RETURN** - Return to disc menu playback
- SEARCH** - Start playback from a designated point
- INPUT** - Access the contents of disc or the connected supported USB device
- OPT** - Switch the camera angle during DVD playback
- ZOOM** - Enlarge a picture on the TV screen
- BROWSE** - Not used in this model
- VIDEO** - Select video output mode (HDMI resolution)
- EQ** - Select preferred sound mode (CINEMA, SONG, OFF)
- REPEAT** - Selects various repeat modes
- A-B** - Setup repeat play segment

Step 1: Inserting batteries into the Remote Control

- 1 Open the battery compartment.
- 2 Insert two batteries type R03 or AAA, following the indications(+ -) inside the compartment.
- 3 Close the cover.

Using the Remote Control to operate the Player

- 1 Aim the Remote Control directly at the remote sensor (IR) on the front panel.
- 2 Do not put any objects between the Remote Control and DVD Player while operating the DVD Player.



CAUTION!

- Remove batteries if they are exhausted or if the Remote Control is not being used for a long time.
- Do not use old and new or different types of batteries in combination.
- Batteries contain chemical substances, so they should be disposed properly.

Step 2: Setting up the TV

IMPORTANT!

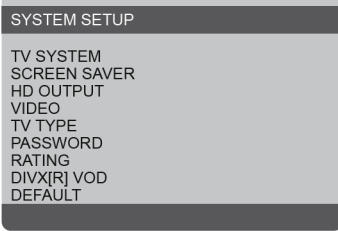
Make sure you have completed all the necessary connections.

- 1 Press **POWER** on the DVD player to turn it on.
- 2 Turn on the TV and set it to the correct video-in channel. You should see the DVD background screen.
 - Usually these channel are between the lowest and highest channels and may be called FRONT, A/V IN, VIDEO. See your TV's manual for more details.
 - Or, you may go to channel 1 on your TV, then press the Channel down button repeatedly until you see the Video In channel.
 - Or, the TV Remote Control may have a button or switch that chooses different video modes.
- 3 If you are using external equipment, (eg. audio system or receiver), turn it on and select the appropriate input source for the DVD player output. Refer to the equipment owner's manual for detail.

Getting Started

Selecting the colour system that corresponds to your TV

This DVD Player is compatible with both NTSC and PAL. In order for a DVD disc to play on this player, the colour system of the Disc, the TV and the DVD player should match.



- 1 Press **SETUP**.
- 2 **SYSTEM SETUP** page should be active
- 3 Press **▲▼** to highlight **TV SYSTEM**, then press **▶**.
- 4 Press **▲▼** to highlight one of the options below:

PAL -Select this if the connected TV has the PAL colour system. It will change the video signal of an NTSC disc and output it to PAL format.

NTSC -Select this if the connected TV is NTSC colour system. It will change the video signal of a PAL disc and output in NTSC format.

Auto -Select this if the connected TV is compatible with both NTSC and PAL (multi-system). The output format will be in accordance with the video signal of the disc.

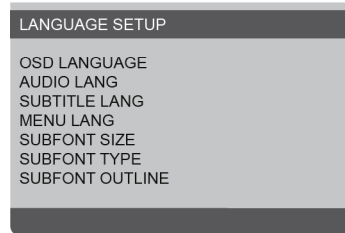
- 5 Select a setting and press **OK**.
→ Follow the instructions show on the TV to confi r m the selection.

Step 3: Setting language preference

The language options are different depending on your country or region.It may not correspond to the illustrations shown on the user manual.

Setting the OSD language

The On-screen language for the system menu will remain as you set it, regardless of various disc languages



- 1 Press **SETUP**.
- 2 Press **▶** to select **LANGUAGE SETUP** page.
- 3 Press **▲▼** to highlight **OSD LANGUAGE**, then press **▶**.
- 4 Press **▲▼** to select preferred language and press **OK**.

IMPORTANT!

– If the INVALID KEY message appears on the TV screen when a button is pressed, it means the function is not available on the current disc or at the current time.

Upscaling

Supported Upscaling on DVD and Standard-Formats:

- ① 720p HDTV Progressive Scan - 24/25/30Hz, 720 Lines per Frame, 1280x720 Pixel
- ② 1080i HDTV Interlaced - 50/60Hz, 520+520 Lines per Frame, 1920x1080 Pixel
- ③ 1080p HDTV Progressive Scan - 24Hz, 1080 Lines per Frame, 1920x1080 Pixel

Playable Discs

Your DVD Player will play:

- Digital Video Discs (DVDs)
- Video CDs (VCDs)
- Super Video CDs (SVCDs)
- Digital Video Discs ± Recordable[Rewritable] (DVD±R[W])
- Compact Discs (CDs)
- Picture (Kodak, JPEG) files on CD-R(W).
 - JPEG/ISO 9660 format
- DivX® disc on CD-R[W]/DVD+R[W]:
 - Q-pel accurate motion compensation
 - Global Motion Compensation (GMC) playback (1-warp pont only)
- DivX® HD 720p (MPEG-4 Simple Profile and Advanced Simple Profile)
 - Max. Resolution: 1280x720x30 fps
 - Pixel Aspect Ratio: 1:1, 4:3, 16:9
 - Max. Bitrate: 9 708 400
 - Quantization Method: H.263/MPEG

Playing discs

- ① Connect the power cords of the DVD player and TV (and any option stereo or AV receiver) to a power outlet.
- ② Turn on the TV power and set to the correct Video in channel.
- ③ Press **POWER** to turn on the DVD player.
 - The DVD background screen appears on the TV.
- ④ Press **OPEN/CLOSE** on the front of the DVD player or **OPEN/CLOSE** Δ button on the remote control.
- ⑤ Place a disc into the disc tray with the lable facing up,then press **OPEN/CLOSE**.
 - For double-sided discs, load the side you want to play facing up.
- ⑥ Playback will start automatically. If not press **PLAY/PAUSE** .
 - If a disc menu appears on the TV see "Using the Disc Menu".

Disc operation

Basic playback controls

Unless otherwise stated, all operations described are based on Remote Control use.

Pausing playback

- 1 During playback, press **PLAY/PAUSE** to pause playback and display a still picture.
→ Sound will be muted.
- 2 To resume normal playback, press **PLAY/PAUSE** again.

Selecting track/chapter

Press **PREV / NEXT** to go to the previous or next track/chapter

Stopping playback

Press **STOP ■**

Selecting various repeat/shuffle functions

Repeat play mode

The repeat play options vary depending on the disc type.

- 1 While playing a disc, press **REPEAT** continuously to choose a repeat options.
- 2 To cancel repeat playback, press **STOP ■**.

Operations for video playback (DVD/VCD/SVCD)

Using the Disc Menu

Depending on the disc, a menu may appear on the TV screen once you load in the disc.

To select a playback feature or item

- Use **◀▶▲▼** keys or **numeric keypad (0-9)** on the remote, then press **OK** to start playback.

To access or remove the menu

- Press **MENU** on the remote.

Zooming In

This function allows you to enlarge the picture on the TV screen and to pan through the enlarged picture

- 1 During playback, press **ZOOM** repeatedly to display the picture with different scales.
→ Use **◀▶▲▼** keys to pan through the enlarged picture.
→ Playback will continue.
- 2 Press **ZOOM** repeatedly to return to the original size.

Slow Motion

- 1 Press **SLOW** during playback to select the required forward speed: 1/2, 1/3, 1/4, 1/5, 1/6 or 1/7 (DVD-Video/DivX®).
→ Sound will be muted.
- 2 To return to normal speed, press **PLAY/PAUSE**.

Forward/Reverse Searching

- 1 Press **◀▶** during playback to select the required speed: 2X, 4X, 8X, 20X (backward or forward)
→ Sound will be muted (DVD-Video/DivX®/CD-Audio).
- 2 To return to normal speed, press **PLAY/PAUSE** or **OK**.

OSD (On -Screen Display) (DVD/VCD/SVCD/DivX®)

Using the OSD menu

OSD menu shows the disc playback information (for example, title or chapter number, elapsed playing time, audio/ subtitle language), a number of operations can be done without interrupting disc playback.

- During playback, press **SEARCH**
→ A list of available disc information appears on the TV screen.

Title/Chapter/Track selection

- 1 Press **▲▼** to highlight {Title} / {Chapter} or {Track}.
- 2 Use the **numeric keypad (0-9)** to enter a valid number.
- 3 Press **OK** to confirm.
→ The playback skips to the selected title/ chapter/track.

Playback info

This OSD menu shows the disc playback information (for example, title or chapter number, elapsed playing time), without interrupting disc playback.

- During playback, press **INFO**
→ Info about current playback progress and other information appears on the TV screen.

Disc operation

Special DVD Features

Playing a Title

- 1 Press **MENU**.
→ The disc title menu appears on the TV screen.
- 2 Use **▲▼◀▶** keys or **numeric keypad (0-9)** to select a play option.
- 3 Press **OK** key to confirm

Changing the Audio Language

- Press **AUDIO** repeatedly to select different audio language.

Subtitles

- Press **SUBTITLE** repeatedly to select different subtitle languages.

Switching playback mode

Place a disc into the tray, and the player will display browser and auto search the directories for supported files. After searching, player will go to the first directory with supported files. The screen displays as the picture below. Folders List is displayed in the left column. Only folders containing supported files are displayed. Files List from selected folder is displayed in the right column. Only supported files are displayed.

Use the **▲▼◀▶** keys to navigate in the browser. You can enter the Folders List and highlight the desired directory. You enter the File List and select the file you want to play.

There are three available multimedia playback modes (shown below).



- 1 Music files playback
- 2 Picture files playback
- 3 Video files playback

Use the **◀▶▲▼** keys to highlight your selection, and press **OK**.

Playing a DivX® disc

This DVD player supports the DivX® movie playback that you download from your computer onto a CD-R/RW or DVD±RW

- 1 Load a DivX® disc.
→ Playback will start automatically. If not select proper file and press **PLAY**.
- 2 Pressing **SUBTITLE** on the remote control will turn on or off the subtitles.
- If multilingual subtitles are embedded on the DivX® disc, pressing **SUBTITLE** will change the subtitle language during playback.

Helpful Hints:

– Subtitle files with the following filename extensions (.srt, .smi, .sub, .ssa, .txt) are supported.

Playing JPEG/Picture CD/audio files

This DVD system can playback music files, JPEG, VCD & SVCD files on a personally recorded CD-R/RW disc, commercial CD

General Operation

- 1 Load a disc.
→ The disc reading time may exceed 30 seconds due to the complexity of the directory/file configuration.
→ The data disc menu appears on the TV screen



- 2 Press **▲▼** to select the folder and press **OK** to open the folder.
- 3 Press **▲▼** to select a track/files.
- 4 Press **OK** to confirm.

Disc operation

Zoom picture (JPEG)

- During playback, press **ZOOM** repeatedly to display the picture with different scales.
- Use ▲▼◀▶ to view the zoomed picture

Rotating Pictures

- During playback, press ▲▼◀▶ to rotate the picture on the TV screen.
 - ▲: flip the picture vertically by 180°
 - ▼: flip the picture horizontally by 180°
 - ◀: flip the picture anti-clockwise by 90°
 - ▶: flip the picture clockwise by 90°

Helpful Hints:

- It may not be possible to play certain JPEG disc due to the configuration and characteristics of the disc or condition of the recording.
- For multi-session discs with different formats, only the first session will be available.

USB playback

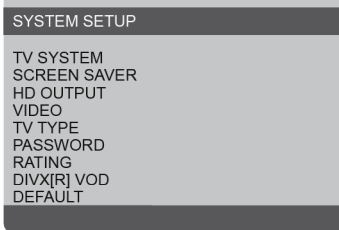
USB playback

Insert a USB device into the USB port, press **INPUT** key on the the remote control, a file menu that contains supported files will appear on the TV screen.

This DVD Player setup is carried out via the TV, enabling you to customise the DVD player to suit your particular requirement.

System Setup Menu

- 1 Press **SETUP**.
- 2 Press **◀▶** to select SYSTEM SETUP icon.



TV System

This menu contains the options for selecting the colour system that matches the connected TV.

Screen saver

This option allows you to activate screen saver function. If the screen saver is on, when your DVD player is in Stop, Open, or No Disc state, or there is a frame frozen for more than 3 minutes, the screen saver will be displayed.

HD Output

The option allows to change HDMI resolution.

- 1 In SYSTEM SETUP, press **▲▼** to highlight HD OUTPUT, then press **OK**.
- 2 Enter its submenu by pressing **▶**.
- 3 Press **▲▼** to select a setting, then press **OK** to confirm your selection.
- 4 Confirmation windows appears. Press **▲▼** to select a setting, then press **OK** to confirm your selection again.

Resolution

You can select the resolution of the picture according to your preference and the connected HDMI TV.

HD OFF: There is only SD resolution.

720p: Progressive output upscale to 720 lines.

1080i: Interlaced output upscale to 1080 lines.

1080p: Progressive output upscale to 1080 lines.

Helpful Hint:

- Enabling HD output disables VIDEO and TV TYPE options.
- If not display appears on the TV screen due to unsupported resolution, reconnect any available interlace video output to your display and re-adjust the resolution settings to HD OFF. You can also use VIDEO button on RCU to change resolution.

DVD Setup Menu Options

Switching the video modes

This setting allows you to toggle the output of the video signal.

- 1 In SYSTEM SETUP, use ▲ ▼ keys to highlight VIDEO, then press ►.

INTERLACE-YUV - Select this for interlaced Y Pb Pr connection

TV-RGB - Select this for SCART connection

P-SCAN-YPBPR - Select this for progressive Y Pb Pr connection

S-VIDEO - Select this for S-VIDEO (S-VHS) connection

- 2 Use ▲ ▼ keys to press **OK** to confirm your selection.

Helpful Hints:

- When the player is set to P-SCAN-YPBPR, some TV may not properly synchronise with player on the SCART connector.

- When DVD player is connected through composite video, you can choose any option

Setting the TV Display

The picture shape can be adjusted to fit your TV and the format must be available on the playback disc. Otherwise, the TV display will not affect the picture during playback.

- 1 In SYSTEM SETUP, use ▲ ▼ keys to highlight { TV Type }, then press ►.

- 2 Use ▲ ▼ keys to select a setting:

{ 4:3 PS } - Panscan

Select this for a full-height picture with the sides trimmed.

{ 4:3 LB } - Letterbox

Select this for a 'wide-screen' display with black bars on the top and bottom.

{ 16:9 }

Select this for wide-screen TV (frame ratio 16:9).

- 3 Press **OK** to confirm.

DivX® VOD registration code

DivX® VOD (Video On Demand) registration code allows you to rent and purchase movies using the DivX® VOD service from the internet.

For more information, visit website; www.divx.com/vod

- 1 In SYSTEM SETUP, use ▲ ▼ keys to highlight DIVX(R) VOD, then press ►.

→ The registration code will appear.

- 2 Use the registration code to rent or purchase the movies from DivX® VOD service at www.divx.com/vod.

→ Follow the instructions and download the movie from your computer onto a CD-R/RW, DVD±R/RW for playback on this DVD player.

Helpful Hints:

- All the downloaded movies from DivX® VOD can only be played back on this DVD player.

- Time search feature is not available during DivX® movie playback.

Changing the Password

The password is used for Rating setting, Enter your four-digit password when prompted on the screen, default password is 0000.

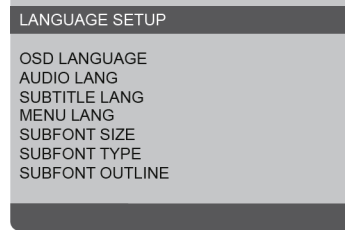
Restoring to original settings

Setting the {Default} function will reset all options and your personal settings to the factory defaults, except your password for Parental and Disc Lock.

- 1 In SYSTEM SETUP, use ▲ ▼ keys to highlight DEFAULT, then press ► to select RESET.
- 2 Press **OK** to confirm.
→ All settings will now reset to factory defaults.

Language Setup Menu

- 1 Press **SETUP**.
- 2 Press ◀ ▶ to select LANGUAGE SETUP icon.



OSD Language

This menu contains various language options for display language on the screen.

Audio, Subtitle, Disc Menu

These menus contain various language options for audio, subtitle and disc menu which may be recorded on the DVD-Video disc.

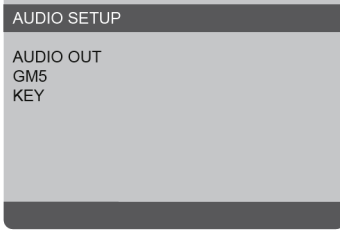
Setting the DivX subtitle font

You can set the font type that supports the recorded DivX® subtitle.

DVD Setup Menu Options

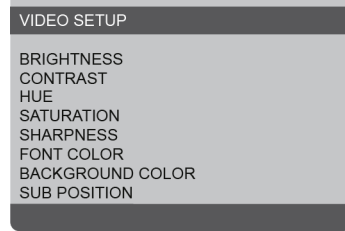
Audio Setup Menu

- 1 Press **SETUP**.
- 2 Press ◀▶ to select AUDIO SETUP icon.



Video Setup Menu

- 1 Press **SETUP**.
- 2 Press ◀▶ to select VIDEO SETUP icon.



Digital Audio Setup

The option allows you setup digital audio output on coaxial, optical and HDMI interface.

Change default settings if you connect to a multichannel decoder/receiver.

SPDIF/OFF - To deactivate the digital audio output. If you select this option, coaxial, optical and HDMI has not audio output.

SPDIF/RAW - Select this if the connected device has a built-in multichannel decoder that supports one of the multichannel audio format (Dolby Digital, MPEG-2 or DTS).

SPDIF/PCM - Select this if the connected device is not capable of decoding multichannel audio. The DVD player will convert the Dolby Digital and MPEG-2 multichannel signals to stereo PCM (Pulse Code Modulation).

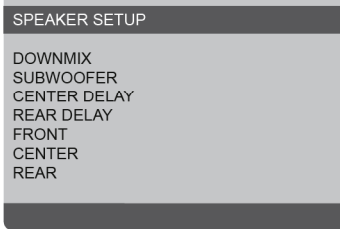
Surround effect

GM5 option process stereo audio source into multichannel sound. The different modes are achieved by different DSP operating method, and the effects will be different, too.

This menu allows you customize video settings (brightness, contrast, hue, saturation, sharpness, position and color of subtitles, etc)

Speaker Setup Menu

- 1 Press **STOP** button twice to stop playback (if any), then press **SETUP**.
- 2 Press ◀▶ to select **SPEAKER SETUP** icon.



Downmix

This options allows you to set the analog output of your DVD Player.

LT/RT - Select this option if your DVD player is connected to a Dolby Pro Logic decoder. Surround sound will be like in a movie theatre only if movie disc was recorded in the Dolby Pro Logic format.

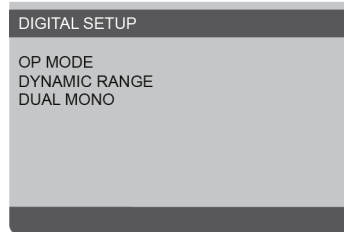
STEREO - Select this when output delivers sound from only the two front speakers.

VSS - Select this option if your DVD player is connected to a Dolby Pro Logic decoder.

5.1 CH - Select this option to enable multi-channel output.

Digital Setup Menu

- 1 Press **SETUP**.
- 2 Press ◀▶ to select **DIGITAL SETUP** icon.



Output mode

Option **OP MODE** allows you to set the digital output of your DVD Player.

LINE OUT: Choose this setting to line out the input signal. It is more suitable for playing during the night. Output volume is low.

RF REMOD: It is more suitable to choose this setting for playing during the day. Output volume is high.

DYNAMIC RANGE

When in **OP MODE** option **LINE OUT** is selected, choose this setting to adjust the line out ratio. If adjusting to **FULL**, the audio signal peak value will be the minimum; while adjusting to **OFF**, maximum.

Helpful Hints:

This option will be active only when the **DOWNMIX** option is set to **5.1 CH**.

Troubleshooting

WARNING

Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.

If a fault occurs, first check the points listed below before taking the system for repair. If you are unable to remedy a problem by following these hints, consult your dealer for help.

Problem	Solution
No power	<ul style="list-style-type: none"> – Check if the AC power cord is properly connected. – Press the POWER on the front of the DVD system to turn on the power.
No picture	<ul style="list-style-type: none"> – Refer to your TV's manual for correct Video In channel selection. Change the TV channel until you see the DVD screen. – Check if the TV is switched on.
Distorted picture	<ul style="list-style-type: none"> – Sometimes a small amount of picture distortion may appear depending on the disc being played back. This is not a malfunction.
Completely distorted picture or black/white picture with DVD	<ul style="list-style-type: none"> – Connect DVD Player directly to the TV. black/white picture with DVD – Make sure the disc is compatible with the DVD/Player. – Ensure that the DVD Player's TV Type is set to match that of the Disc and your TV.
No sound or distorted sound	<ul style="list-style-type: none"> – Adjust the volume. – Check that the speakers are connected correctly.
No audio at digital output	<ul style="list-style-type: none"> – Check the digital connections. – Check if your receiver can decode MPEG-2 and if not, please make sure the digital output is set to PCM. – Check if the audio format of the selected audio language matches your receiver capabilities.
No sound and picture	<ul style="list-style-type: none"> – Check that the RGB/SCART cable is connected to the correct device (See Connecting TV).
Disc can't be played	<ul style="list-style-type: none"> – The DVD+R/CD-R must be finalised. – Ensure the disc label is facing up. – Check if the disc is defective by trying another disc.
Picture freezes momentarily during playback	<ul style="list-style-type: none"> – Check the disc for fingerprints/scratches and clean with a soft cloth wiping from centre to edge.
No return to start-up screen when disc is removed	<ul style="list-style-type: none"> – Reset the unit by switching the player off, then on again.

The player does not respond to the Remote Control

- Aim the Remote Control directly at the sensor on the front of the player.
- Reduce the distance to the player.
- Replace the batteries in the Remote Control.
- Re-insert the batteries with their polarities (+/- signs) as indicated.

Buttons do not work

- To completely reset the player, unplug the AC cord from the AC outlet for 5-10 seconds.

Player does not respond to some operating commands during playback.

- Operations may not be permitted by the disc. Refer to the instructions of the disc jacket.

DVD Player cannot read CDs/DVDs

- Use a commonly available cleaning CD/DVD to clean the lens before sending the DVD Player for repair.

Menu items cannot be selected

- Press STOP twice before selecting System Menu.
- Depending on the disc availability, some menu items cannot be selected.

No sound during DivX movies playback

- The audio codec may not be supported by the DVD player.

An DivX movies does not repeat

- Check that file size of the movies does not exceed the file size of the CD disc during burning.

Specifications

ENGLISH

TV STANDARD (PAL/50Hz) (NTSC/60Hz)

Number of lines	625	525
Playback	Multistandard	(PAL/NTSC)

VIDEO PERFORMANCE

Video DAC	12bit 108MHz
YPbPr	0.7Vpp -75Ohm
Video output	1Vpp -75Ohm
RGB (SCART)	0.7Vpp-75Ohm

VIDEO FORMAT

Digital Compression	MPEG-2 for DVD, SVCD MPEG-1 for VCD MPEG-4 DivX
DVD	50Hz(PAL) 60Hz(NTSC)
Horiz.resolution	720 pixels 720 pixels
Vertical resolution	576 lines 480 lines
VCD	50Hz 60Hz
Horiz.resolution	352 pixels 352 pixels
Vertical resolution	288 lines 240 lines
HDMI	up to 1080p

AUDIO FORMAT

Digital	MPEG/AC-3/ PCM	compressed Digital 16,20,24 bits fs, 44.1,48, 96kHz kbps & variable bit rate fs 32,44.1, 48 kHz
---------	-------------------	--

Analog Sound Stereo and 5.1

Dolby Surround compatible downmix from Dolby

Digital multi-channel sound

AUDIO PERFORMANCE

DA Converter	24bit, 192kHz
DVD	fs 96kHz 4Hz 44kHz fs 48kHz 4Hz-22kHz
SVCD	fs 48kHz 4Hz-22kHz fs 44.1kHz 4Hz-20kHz
CD/VCD	fs 44.1kHz 4Hz-20kHz
Signal-Noise (1kHz)	>100dB
Dynamic range (1kHz)	>90dB
Crosstalk (1kHz)	>100dB
Distortion/noise (1kHz)	>85dB

CONNECTIONS

Scart Output	Euroconnector
YPbPr Output	Cinch 3x
CVBS Output	Cinch (yellow)
S-Video	S-Video
HDMI Output	HDMI
Audio Output (L+R)	2 Cinch (white/red)
Audio Output 5.1	5.1 Cinch
Digital Output	1 coaxial and 1 optical IEC60958 for CDDA/LPCM IEC61937 for MPEG-1/2 Dolby Digital 1 optical
USB	USB 2.0 type A port

CABINET

Dimensions (w x h x d)	430 x 46 x 220 mm
Weight	Approximately 2 kg

POWER CONSUMPTION

Power Supply Rating	110-240V; 50/60Hz
Power consumption	15W
Power consumption in Standby mode	<1W

Specifications subject to change without prior notice

Analog: Sound that has not been turned into numbers. Analog sound varies, while digital sound has specific numerical values. These jacks send audio through two channels, the left and right.

Aspect ratio: The ratio of vertical and horizontal sizes of a displayed image. The horizontal vs. vertical ratio of conventional TVs. is 4:3, and that of widescreens is 16:9.

AUDIO OUT Jacks: Jacks on the back of the DVD System that send audio to another system (TV, Stereo, etc.).

Bit Rate: The amount of data used to hold a given length of music; measured in kilobits per seconds, or kbps. Or, the speed at which you record. Generally, the higher the bit rate, or the higher the recording speed, the better the sound quality. However, higher bit rates use more space on a Disc.

Chapter: Sections of a picture or a music piece on a DVD that are smaller than titles. A title is composed of several chapters. Each chapter is assigned a chapter number enabling you to locate the chapter you want.

Component Video Out Jacks: Jacks on the back of the DVD System that send high-quality video to a TV that has Component Video In jacks (R/G/B, Y/Pb/Pr, etc.).

Disc menu: A screen display prepared for allowing selection of images, sounds, subtitles, multi-angles, etc recorded on a DVD.

Digital: Sound that has been converted into numerical values. Digital sound is available when you use the COAXIAL or OPTICAL jacks. These jacks send audio through multiple channels, instead of just two channels as analog does.

Dolby Digital: A surround sound system developed by Dolby Laboratories containing up to six channels of digital audio (front left and right, surround left and right, center and subwoofer).

JPEG: A very common digital still picture format. A still-picture data compression system proposed by the Joint Photographic Expert Group, which features small decrease in image quality in spite of its high compression ratio.

Multichannel: DVD is specified to have each sound track constitute one sound field. Multichannel refers to a structure of sound tracks having three or more channels.

Parental Control: A function of the DVD to limit playback of the disc by the age of the users according to the limitation level in each country. The limitation varies from disc to disc; when it is activated, playback will be prohibited if the software's level is higher than the user-set level.

PCM (Pulse Code Modulation): A system for converting analog sound signal to digital signal for later processing, with no data compression used in conversion.

Playback control (PBC): Refers to the signal recorded on video CDs or SVCDs for controlling reproduction. By using menu screens recorded on a Video CD or SVCD that supports PBC, you can enjoy interactive-type software as well as software having a search function.

Progressive Scan: It displays all the horizontal lines of a picture at one time, as a signal frame. This system can convert the interlaced video from DVD into progressive format for connection to a progressive display. It dramatically increases the vertical resolution.

Surround: A system for creating realistic threedimensional sound fields full of realism by arranging multiple speakers around the listener.

Title: The longest section of a picture or music feature on DVD, music, etc., in video software, or the entire album in audio software. Each title is assigned a title number enabling you to locate the title you want.

VIDEO OUT jack: Jack on the back of the DVD System that sends video to a TV.

Dynamic range control (Night mode) enables you to customize audio playback to reduce peak volume levels (no loud surprises) while experiencing all the details in the soundtrack, enabling late-night viewing of high-energy surround sound without disturbing others

HDMI: High Definition Multimedia Interface. A specification developed by the HDMI Working Group that combines multi-channel audio and high definition video and that controls signals into a single digital interface for use with DVD players, digital television, and other audiovisual devices.

www.ferguson-digital.eu