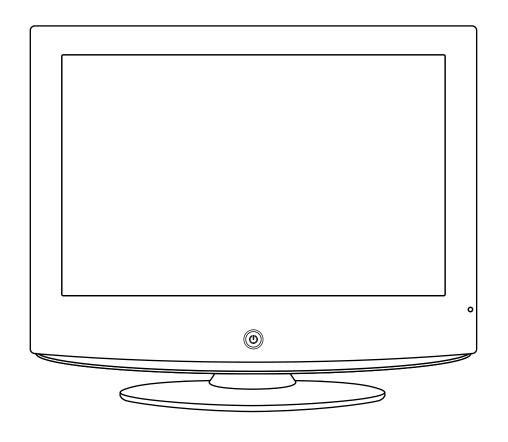


# LCD digital colour TV MS1573F IPOD



**USER GUIDE** 

## **LCD Screen**

Although the LCD screen is made with high-precision technology and 99.99% or more of the pixels are effective, black dots may appear or bright points of light (red, blue or green) may appear constantly on the LCD screen and is not a malfunction.

## **HELP**

If you have any problem setting up this Television, trouble getting a signal or difficulties with the operation of the DVD player.

Please Contact our Helpline where we will be able to assist you.

Call 0845 6710665

## **Contents**

		_		
1		Ca	<b>+</b> i /	n
		U a	uu	JII

2 **Safety Information** 

3	Unit and Accessories
4	Getting Started
4	Front View
5-6	Rear View
7-8	<b>Remote Control Key Functions</b>
9	Menu Operation
9-10	Basic TV operation
11	PICTURE menu options
12	SOUND menu options
12	TIMER menu options
13	FUNCTION menu options
14-15	SETUP menu options

- **DVD** operation 16 DVD System Operation 17-19
- 20 Disc care
- 21
- SimpleTroubleshooting Techincal Specifications 22

## Caution



The lightening flash with arrowhead symbol, within an equilateral triangle is intended to alert the user to the presence of un-insulated "dangerous voltage" within the products enclosure that may be of sufficient magnitude to constitute a risk of electric shock to the persons.



The exclamation point within an equilateral triangle is intend to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

#### **Correct disposal of this Product**



"Correct Disposal of Product"

Produced after 13 August 2005. Waste electrical should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.



This unit is a "CLASS 1" laser product. This product uses a visible laser beam which could cause hazardous radiation exposure. Ensure the recorder is operated as instructed. Do not remove any covers or look into the DVD drawer opening whilst power is applied. Do NOT modify or adjust any controls that may affect laser emissions. Should the appliance become faulty consult a qualified technician.



This appliance complies with European Safety and Electrical directives

1

## **Safety Information**

To ensure reliable and safe operation of this equipment, please read carefully all the instructions in this user guide, especially the safety information below.

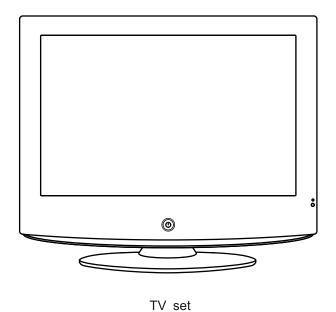
#### **Electrical safety**

- The TV set should only be connected to a mains supply which matches that stated on the label on the mains adaptor
- To prevent overload, don't share the same mains supply socket with too many other items of equipment.
  - Do not place any connecting wires where they may be stepped on or tripped over.
  - Do not place heavy items, which may damage the leads, on them.
  - Hold the Mains plug, not the wires, when removing from a socket.
  - During a thunderstorm or while leaving the TV for long periods, disconnect the aerial (if outdoor) and mains adaptor from the supply.
  - Do not allow water or moisture to enter the TV or mains adaptor. Do NOT use in wet or moist areas such as Bathrooms, steamy kitchens or near swimming pools.
- Pull the plug out immediately, and seek professional help if:
  - the mains plug or cable is damaged
  - liquid is spilt onto the set, or if it is accidentally exposed to water or moisture
  - anything accidentally penetrates the ventilation slots
  - the set doesn't work normally.
  - Do NOT remove the safety covers. There are no user serviceable parts inside. You may invalidate the warranty. Qualified personnel must only service this apparatus.
  - To avoid battery leakage, remove exhausted batteries from the remote control handset, or when not using for a long period.
  - Do NOT break open or throw exhausted batteries on a fire.

## Physical safety

- Do NOT block ventilation slots in the back cover. You may place the TV in a cabinet, but ensure at least 5cm (2") clearance all around.
- Do NOT tap or shake the TV screen, you may damage the internal circuits. Take good care of the remote control, do not drop.
- To clean the TV use a soft dry cloth. Do NOT use solvents or petrol based fluids. For stubborn stains, you may use a damp soft cloth with dilute detergent.

## **Unit and Accessories**

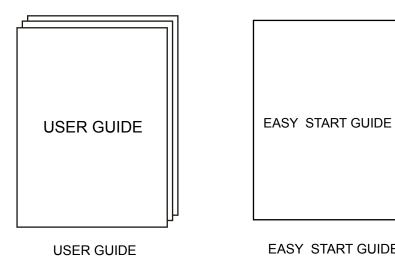




Remote Control



Power cable

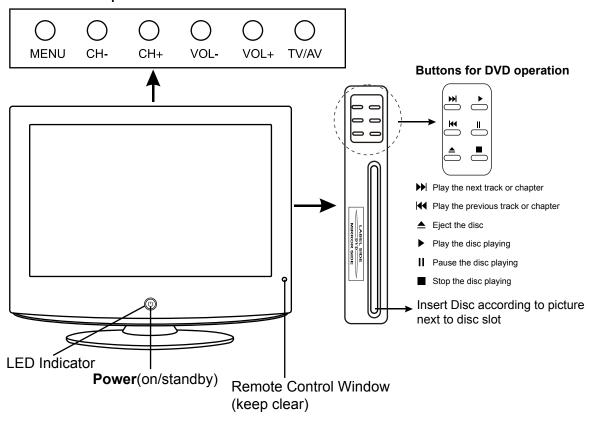


EASY START GUIDE

## **Getting Started**

#### Front view

#### **Buttons For TV operation**



(IR) Infrared Receiver: Receives IR signals from the remote control.
 (Power on/Standby) LED Indicator: Press POWER to turn on and off,

Indicator on(Blue) Standby mode Indicator on(Null) Power on mode

The effective receiving scope for the signal is 5-8 meters from the front of the remote control window, and 30° to the left or right side and 20° above or below the control window.

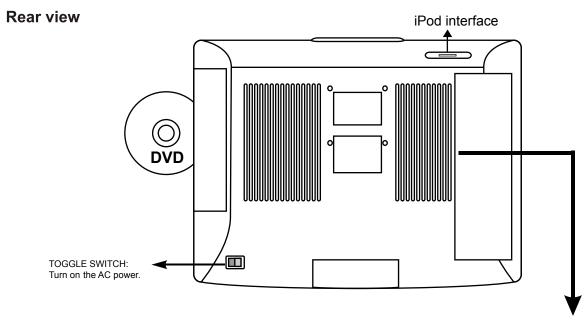
The functions of the buttons are described as below:

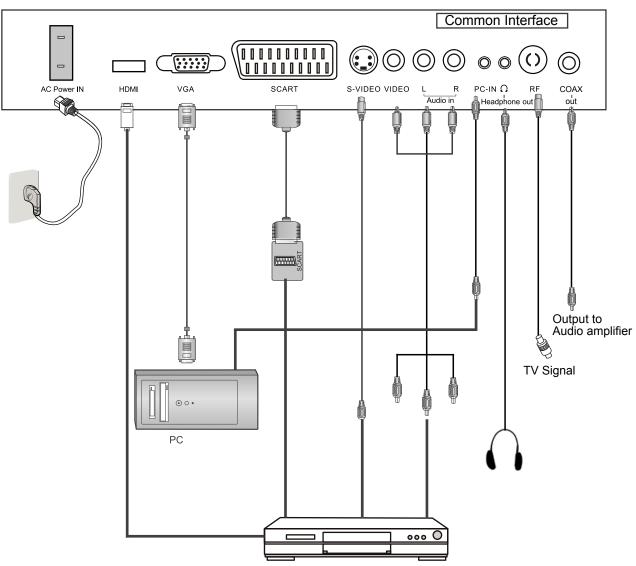
Power: Turn on/standby the TV set.

TV/AV: Press to display the input source menu(see page 10).

**VOL** +/-: Press to adjust the volume. **CH** +/-: Press to scan through channels.

**MENU**: Press to display the OSD menu, Press again to exit the menu.



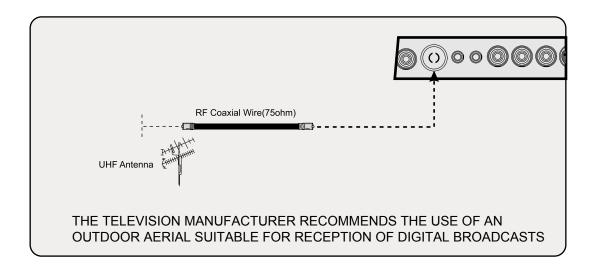


#### **REAR CONNECTIONS**

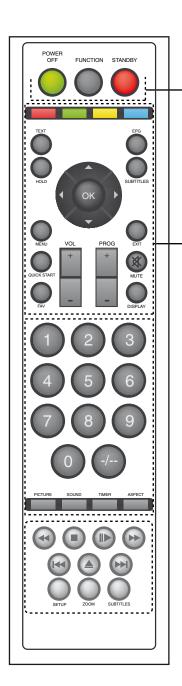
Name	Function Description	
AC POWER IN	Connect to power supply	
HDMI	Connect to the HDMI of your DVD or other equipment	
VGA IN	VGA signal from computer output	
SCART	Connect to the composite terminal of your DVD/VCR	
S-Video IN	S-Video signal input	
Video IN	Video signal input	
(AUDIO)L/R IN	Audio signal input for AV	
PC Audio IN	PC audio input	
∩ Headphone	Connect it to your headphone or other audio equipment	
RF	Connect to antenna or cable source	
COAX out	Output to Audio amplifier	

#### **Wall Mounting**

The TV is provided with mounting holes for a VESA 75mm approved wall mounting bracket (NOT SUPPLIED). Remove the Two Posi screws holding the base to the base bracket and lift the base away (do not remove the base mounting bracket). Mount the VESA bracket using 4 x M4x8 Iso metric threaded screws (not supplied). Do not use screws longer than 8 mm, damage will occur to the internal parts. Fit the wall bracket securely following the manufacturers instructions.



## **Remote Control Key Functions**



#### **POWER OFF**

Switch off the power supply.

#### **FUNCTION**

Press to display the input source menu. (see page 10)

#### **STANDBY**

Turn the TV on/standby.

**Colour buttons**: short cuts-follow the coloured links in

the text.

Blue Button: Nicam.

**TEXT**: Turn off/on the Teletext display.

**HOLD**: Hold or carry on the current subpage.

**EPG**: To show the Electronic Program Guide during

no-menu state only.

SUBTITLES: To switch the dialogue at the bottom of the

screen.

Cursor left/right/up/down: Cursor buttons used in

menus.

**OK**: CONFIRM BUTTON for menu.

**MENU**: System setup menu.

QUICK START: To tune in your TV.

FAV: Means favorite, to display the favorite channel list

defined by you.

**EXIT**: Exit the OSD menu.

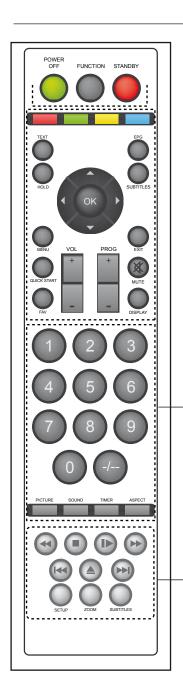
MUTE: Mutes the Audio.

**DISPLAY**: Display brief information concerning the

current channel you are viewing.

VOL+/-: Adjust the volume.

**PROG+/-**: Scan through channels.



0-9,-/--

Choose channel directly. Number buttons for DVD.

**PICTURE**: Select the picture mode. **SOUND**: Select the sound mode.

Timer

Standby timer.

**ASPECT** 

Press to change the display mode of the screen.

**★** : DVD fast reverse

stop DVD program.

**||** ▶ : play/pause DVD program.

> : DVD fast forward.

: DVD previous chapter.

: DVD next chapter.

SETUP: DVD setup menu

**ZOOM**: adjust picture size in DVD mode. **SUBTITLES**: select DVD disc subtitle.

## **Menu Operation**

#### **Basic TV operation**

## Turning on and off the TV

#### **TURN ON LCD TV**

1.Connect power cable to mains supply and turn on the power by using the "Toggle Switch" at the back of the TV on the right hand side. The standby indicator on the front of the TV will light up in Blue.

2.Use the **POWER** button on the front of the TV or the **STANDBY** button on the handset to turn on the TV, the blue light will extinguish.

#### **TURN OFF LCD TV**

- 1.Press the **POWER** button on the front of the TV or the **STANDBY** button on the handset to turn the TV off into standby mode, the standby indicator will light blue.
- 2.Press the **POWER OFF** button on the handset to switch off the from the Power Supply.

## First time installation

NOTE: When you initially use the TV, you will see the "First Time Installation" menu as below:

You can select "Country" and "Language" (OSD display language),

When you have selected, press ↑ ♣ buttons to select "OK", and press OK button to start auto search.

The TV will start searching from the lowest frequency(You can press **MENU** to cancel the auto search.). When it finds a station, it will automatically store this in the first location and move to the next. When Autosearch is complete, the TV will display the first station found.



If you want to change the order of the programs, you could use the "Program Edit" function to change(see page 15).

## Volume adjustment

- 1. Press VOL+/- to adjust the volume.
- 2. If you want to switch the sound OFF, press the **MUTE K**.
- 3. You can cancel this function by pressing MUTE or VOL+ button.

## Choosing a TV channel

- 1. Using the CH+/- on the front panel or PROG+/- on the remote control.
- Press CH+/PROG+ to increase channel number.
- Press CH-/PROG- to decrease channel number.

#### 2. Using 0-9 digital buttons and -/-- button

Press -/-- button, then the screen will display "-", press again it will become "- -". When it displays "-", you should then press a unmber of 0-9 to play the channel you desired; When it displays "- -", you should then press two unmbers to play the channel you desired.

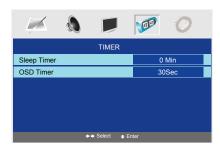
## How to adjust the OSD screen

- Press the MENU button to display the main menu.
- Use ⇐/⇒ buttons to select menu, and press ∮ button to enter the menu.





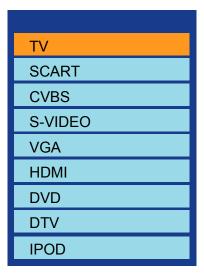






## Selecting input source

You can dispaly the input source menu by pressing the **FUNCTION** button on the remote control or on the the TV set, press  $\uparrow I \Downarrow$  button to select, and press **OK** button to confirm.





In this manual, the OSD (On Screen Display) may be different from your TV's because it is just example to help the TV operation.

## **PICTURE** menu options

Press the MENU button on the right hand side of your TV or on your the remote control and then use  $\Rightarrow$  /  $\Leftarrow$  button to select the Video menu, press  $\sqrt[4]{}$  button to enter the menu (see the picture below).



- Use 
   <sup>↑</sup>/ <sup>↓</sup> button to select what you want to adjust in the Picture menu.
- 2. Press  $\Rightarrow$   $I \Leftarrow$  button to Adjust.
- When you are satisfied with your adjustment, press MENU button.

#### **Picture Mode**

Select the type of picture which best corresponds to your viewing requirements by selecting Picture Mode in **Picture** menu. You may select the picture mode directly by pressing the **PICTURE** button on the remote control.

#### Contrast

Adjust the contrast of the picture.

#### **Brightness**

Adjust the brightness of the picture.

#### Colour

Adjust the colour of the picture.

NOTE: This option is invalid in PC mode, and it will be shown in gray.

#### Tint

Adjust the tint of the picture(in NTSC mode).

#### **Sharpness**

Select sharpness mode of the picture.

#### Colour Temperature(in VGA mode)

Select an optimum color temperature mode to suit your eyes for viewing among Normal, Warm and Cold.

#### **DNR**

If the broadcast signal received is weak, you can select the DNR option to reduce the video noise level between Off, Low, Mid and High.

## **SOUND** menu options

Press the MENU button on the right hand side of your TV or on the remote control and then use  $\Rightarrow l \Leftarrow$  button to select the Sound menu, press  $\Downarrow$  button to enter the menu (see the picture below).



- Use 
  <sup>↑</sup>/ <sup>↓</sup> button to select what you want to adjust in the Sound menu.
- 2. Press  $\Rightarrow$   $I \Leftarrow$  button to Adjust.
- 3. When you are satisfied with your adjustment, press **MENU** button.

#### Volume

Adjust the volume.

#### **Sound Mode**

Select the type of sound which best corresponds to your listening requirements by selecting Sound Mode in **Sound** menu. You may select the picture mode directly by pressing the **SOUND** button on the remote control.

#### **Bass**

Adjust the level of the lower-pitched sounds.

#### **Treble**

Adjust the level of the higher-pitched sounds.

#### **Balance**

Adjust the audio output between left and right speakers.



NOTE: The Treble and bass levels can only be adjusted when the sound setting Personal is selected.

## **TIMER** menu options

Press the MENU button on the right hand side of your TV or on the remote control and then use  $\Rightarrow l \Leftarrow$  button to select the Timer menu, press  $\Downarrow$  button to enter the menu (see the picture below).



- 2. Press  $\Rightarrow$  *I*  $\Leftarrow$  button to Adjust.
- 3. When you are satisfied with your adjustment, press **MENU** button.

#### Sleep Timer

Select the sleep time to put automatically the TV in standby mode. Timer can be selected as 15,30,45,60, 75,90,105,120 and 0 Min(Off). You may select the sleep time by pressing SLEEP repeatedly.

#### **OSD Timer**

You can select the time when the OSD display on the screen such as: 5Sec,10Sec,15Sec,20Sec,25Sec, 30Sec.

## **FUNCTION** menu options

Press the MENU button on the right hand side of your TV or on the remote control and then use  $\Rightarrow l \Leftarrow$  button to select the Function menu, press  $\Downarrow$  button to enter(see the picture below).



- 1. Use ↑/ ♣ button to select what you want to adjust in the Function menu.
- 2. Press  $\Rightarrow$   $I \Leftarrow$  button to Adjust.
- When you are satisfied with your adjustment, press MENU button.

#### Language

Select the language of the OSD menu.

#### Video Size

Select the screen display mode.

Note: The available aspect modes may differ from one input source to another.

#### **Blue Screen**

To turn on/off the function, when the function is turned on, the screen background will turn blue at very weak or no signal condition.

#### **Child Lock**

 $\textbf{Press} \Rightarrow \textbf{button to enter the Child Lock menu as below:}$ 

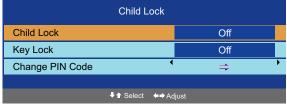
Child Lock: Turn on/off the child lock function.

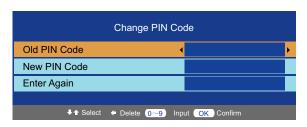
Key Lock: This option allows you to lock the buttons on the TV set, so that a child may not accidentally change your viewing preferences.

Change PIN Code: Set pin code.

Old PIN Code: The default is no password, press OK to confirm. If the Pin code has been changed you must enter the present code.

New PIN Code: Enter the new password.
Enter Again: Enter the new password and press
OK to complete the change.







If you turn on the Child Lock function, and set the PIN

Code, you have to enter the program edit option in Menu Setup (page 14) to lock one or more channels. If the quick start button is pressed you will also be prompted for the child lock Password.

Note: If the pin code is changed and the number forgotten or lost, please call the helpline.

#### Reset

Press ⇒ button to reset the setup.

## **SETUP menu options**(used in TV/DTV source)

Press the MENU button on the right hand side of your TV or on the remote control and then use  $\Rightarrow l \Leftarrow$  button to select the Setup menu, press  $\Downarrow$  button to enter the menu(see the picture below).



- 1. Use ↑ / ♣ (CH+/-) button to select what you want to adjust in the Setup menu.
- 2. Press  $\Rightarrow$   $I \Leftarrow$  button to Adjust.
- 3. When you are satisfied with your adjustment, press **MENU** button.

#### Country

This option allows you to select the country.

#### **Auto Tuning**

Press ⇒ button to start auto tuning.

Note: Before you perform Auto Tuning, you must choose the country where you are by selecting COUNTRY option.



#### **Manual Tuning**

Note: Before you perform Manual Tuning, you must choose the country where you are by selecting Country option.

#### Manual Tuning in TV mode



Program: Select the current channel.

Sound System: Select a corresponding sound system(In the UK select Pal I ).

Color System: Select a corresponding color system.

Program Label: Name the current channel, you can also rename the program which you have named. Press  $\Rightarrow$  button to enter, and press  $\Rightarrow$   $I \Leftarrow$  button to select the position, then press  $\Uparrow I \Leftrightarrow$  button or 0-9 button to enter the character, press **OK** button to confirm.

AFT: Due to weak signals or a wrong antenna configuration, some of the channels may not be turned to the best reception condition. AFT function allows you to fine tune channel selected.

Manual Search: Press  $\Rightarrow$  *I*  $\Leftarrow$  button to search.

#### **Manual Tuning in DTV mode**

Manual Tuning				
Channel	32			
Start Search	Begin			
Service Found	0			
Signal Quality	0%			
Signal Strength	0%			
Frequency	474.00MHz			
<b>←→</b> Select <b>↓</b> Enter				

Channel: Select the current channel.

Start Search: press ⇒ button to begin searching, and it will display "Search", after a few second, it will display "Finished".

#### **Program Edit**



Favorite(in DTV mode): Set favorite channels.(You could use the FAV button to view the favorite channels in DTV source.)

Use ∱ / ♣ (PROG+/-) button to select the channel, and press the green button on the remote control to set, and there will be a "★" on the channel, press the green button again to cancel. Such as channel 2.

Delete: Delete the channel, the channel will be deleted.

Lock: Lock the channel, you have to enter the code(PIN code in Child Lock menu--Function menu) to view the channel.

Use \( \frac{1}{3} \) \( \frac{1}{3} \) (PROG+/-) button to select the channel, and press the blue button on the remote control to set, and there will be a "el" on the channel, press the blue button again to cancel.

Such as channel 5 and 6.

#### Common interface(For DTV mode)

Please contact your "Pay per View" provider e.g. Setanta who can supply a viewing card and cam unit and instructions for their use.

## **DVD Operation**

Press the Power button on the TV or the remote control, then press the FUNCTION button to select DVD mode. If there is no disc in the DVD player the screen will show "NO DISC".

#### Place a disc

Insert a disc according to the silk.

Do not touch the playing surface.

Hold the disc around the outside with your fingers and place the disc into the slot. The player will automatically draw the disc into the player.

To "Eject" the disc, press the "▲" button on the TV or on the remote control.

#### Play

The contents of each disc vary, as to how the disc was authored and what features are included. Some discs start playing as soon as they have been read, some need "Play" selecting in the Menu. Different play modes are offered, such as Menu Play, Sequence Play and other modes.

#### **Using the Display Feature**

- 1. Compatible with DVD, SVCD, VCD, CD, HD-CD, WMA, Digital Audio disc discs.
- 2. Loading and playing DVDs (two pages)
- Press DISPLAY button once to show the first page:
- "Disc Type, Title \* / \* (the playing title / total titles), Chapter \* / \* (the playing chapter / total chapters), Elapsed Time of the Disc".
- Press the button again to show the second page:
- "Language \*/\* (the serial number of playing language / the amount of optional languages) or Off, Language Type, Audio Type, Subtitle \* / \* (the serial number of playing subtitle /the amount of optional subtitles) or Off, Angle \* / \* (the serial number of playing angle / the amount of optional angles) or Off".
- Press the button for the third time, the display menu fades out.
- 3. Loading and playing SVCD discs (two pages)
- Press Display button once to show the first page:
- "Disc Type, Track \* / \* (the playing track / total tracks), Mute, PBC, Repeat Mode, Elapsed Time of the Playing Track".
- Press the button again to show the second page:
- "Language \* / \* (the serial number of playing language/ the amount of optional languages) or Off, Language Type, Audio Type, Subtitle \* / \* (the serial number of playing subtitle / the amount of optional subtitles) or Off".
- Press the button for the third time, the display menu fades out.
- 4. Loading and playing VCD
- Press Display button once to show the first page:
- "Disc Type, Track \* / \* (the playing track / total tracks), Mute, PBC, Repeat Mode, Elapsed Time of the Playing Track".
- Press the button again, the display menu fades out.
- 5. Loading and playing CD, HD-CD, WMA, Digital Audio / JPEG discs
- Press Display button once to show the first page:
- "Disc Type, Track \* / \* (the playing track / total tracks), Mute, Repeat Mode, Elapsed Time of the Playing Track".
- Press the button again, the display menu fades out.

#### **Subtitles**

- 1. Compatible with DVD, SVCD discs.
- 2. Press the Subtitle button on the remote once, and the subtitle info banner appears
- 3. When a DVD or SVCD is recorded with subtitles, you can use the Subtitle feature to view the subtitles on-screen. By default, subtitles are off. The info banner will display Subtitle Off.
- 4. To display subtitles, press the Subtitle button again. The default language with its responding serial number will be displayed in the info banner and subtitles will be displayed in that language. There are 8 supported subtitles: Chinese, English, Japanese, French, Spanish, Portuguese, Germany and Latin. With each consecutive press of the Subtitle button, the subtitle switches.
  - For example, "Language Icon: [1 English DTS 6CH] or [Off]" (the availability of the subtitles are disc-dependent). To turn subtitles off, press the Subtitle button until Subtitle Off is displayed.

#### **Zoom In the Video Image**

- 1. Compatible with DVD, SVCD, VCD, JPEG discs.
- 2. The Zoom Function allows you to enlarge the video image.
- 3. Press Zoom repeatedly to activate the function and choose the required zoom factor: Zoom 1, Zoom 2, Zoom 3, Zoom 4, Zoom 1 /2, Zoom 1 /3, Zoom 1/4, Zoom Off.

#### **Digital Audio Disc**

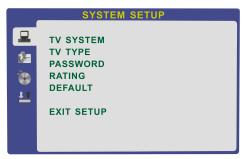
- 1. Compatible with Digital Audio discs
- 2. The player will search the disc directory automatically and display the contents on screen.
- 3. The player will then start to play the first track, of the selected directory.
- 4. To change directories use the direction buttons.

## **DVD System Operation**

System operation will define the setting of the set; these definitions will be stored until you change them again.

#### **General Steps of Setup Menu**

1. Pause or Stop the player. Press **SETUP** on the remote control. The main menu will be shown as below.

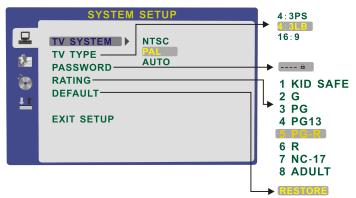


- 2. Press the  $\Uparrow/\Downarrow$  buttons to select the Icon of the desired section, e.g. "TV System" and press  $\Rightarrow$  button to open that section.
- 3. Press  $\hat{\gamma}/\bar{\psi}$  to select the desired feature and again press  $\Rightarrow$  button to open that section.
- 4. Press ↑ / ₺ to select the desired feature and then press "**OK**" to select the new setting.
- 5 To exit the menu, press "SETUP" or ↓ to select EXIT SETUP and then press "OK"
  When launching the setup routine, the pressing of the following buttons will turn off the setup menu, while the choices that have been changed will be saved.

#### Menu specification

#### 1. SYSTEM SETUP

The system setup options are illustrated below:



#### TV SYSTEM

According to the Color system of your TV, select proper TV TYPE. PASSWORD

The password option is initialized as locked. You cannot set the ratings limit or change the password. To enable these features you must unlock the Password. The default password is "0000". Using the  $\Uparrow/\Downarrow$  button, move the highlight to "PASSWORD", press the  $\Rightarrow$  button and enter "0000". You will see the padlock symbol open. You may now change the RATING or put in a new password number. If the Lock symbol is BLUE you must press the  $\Rightarrow$  button to enter the lock field, the lock symbol will change to YELLOW, you may now enter a new 4 digit number. Please remember or write down the new Password and keep safe.

#### **RATING**

The Rating feature is a rating limit feature, like movie ratings. This helps you to control what DVD the family watches. There are 8 levels of selection, from KIDS SAFE to ADULT. Adult is the "play all" selection.

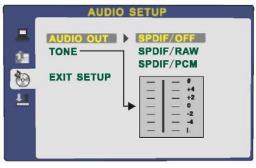
#### 2. LANGUAGE SETUP

The language setup options are illustrated below:



- OSD LANGUAGE: The OSD will display in the language you choose.
- AUDIO LANG: If the disc you are playing has the language you choose, it will output audio in that language.
- SUBTITLE LANG: If the disc you are playing has the language you require you may select this either in the Menu or using the "SUBTITLE" button on the Remote control. You may also switch this OFF.
- MENU LANG: If the disc you are playing has the language you require you may select this.

#### 3. AUDIO SETUP

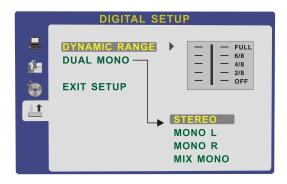


- -Highlight the AUDIO OUT option, and press the Arrow buttons to choose the audio output mode you prefer. Press Enter to confirm; There are 3 optional audio output modes: SPDIF /OFF, SPDIF / RAW, and SPDIF/PCM. SPDIF/ RAW is for amplifiers with a built in digital decoder. SPDIF/PCM is selected for amplifiers with no built in digital decoder.
- -TONE: Use the  $\, \, {\begin{picture}(1,0) \put(0,0){\line(0,0){100}} \put($

#### 4. DIGITAL SETUP

The video setup options are illustrated below:

- DYNAMIC RANGE: Use the ↑ / ↓ button to move the scroll and adjust the dynamic range.
- DUAL MONO: Choose the mode of the audio output.
- There are four modes: STEREO, MONO L, MONO R, MIX MONO.



## **Disc Care**

#### **About Disc Terms**

#### **Title**

Generally, pictures or music compressed on a DVD are divided into several sections, "title".

#### Chapter

The smaller section unit of picture or music in a DVD under the title, usually one title is comprised of one or more chapters and each of them is numbered for easy searching, but some discs may not have a recording chapter.

#### **Track**

A segment of picture or music on a CD, Each track is numbered for searching.

#### Care of Disc

Video disc contains high-density compressed data that needs proper handling.

- 1. Hold the disc with fingers by outer edge and/or the center spindle hole. Do not touch the discs surface.
- 2. Do not bend or press the disc.







3. Do not expose the disc to direct sunlight or heating sources, Stere discs in cabinet vertically, and in dry condition.

Prevent exposure to:

Direct sunlight

Heat or exhaust from a heating device

Extreme humidity

Clean the disc surface with a soft, dry cleaning cloth, Wipe the disc surface gently and radically from center toward the outer edge.

Do not apply thinner, alcohol, chemical solvent, or sprays when cleaning. Such cleaning fluids will permanently damage the disc surface.

# **Simple Troubleshooting**

If the display or performance fails check the TV in accordance with the following instructions. If the TV still fails to function correctly contact your dealer for assistance.

SYMPTOM	POSSIBLE CAUSE	REMEDY		
GENERAL				
Dead. No LED Lit	No power to the TV.	Check all connections to the TV.		
Dead Led lit red	Set still in standby.	Press either the Power button or the Standby button on the Remote control.		
	No signal.			
Blue screen.	Incorrect source selected.	Press FUNCTION button to select correct source.		
Noisy, snowy, ghosting picture (TV)	Poor aerial signal.	If using an indoor aerial, try moving the aerial. Check aerial connections.		
	Sound "Mute".	Turn sound "Mute" OFF.		
No sound	Volume set too low.	Check volume settings.		
No sound	External leads not connected "if used".	Check all external leads are connected.		
	D	VD		
Will not accept disc	DVD not selected	Select DVD mode with FUNCTION button.		
Screen shows "NO	Disc placed incorrectly	Disc must have mirror side facing you if single sided.		
DISC"	Disc damaged or dirty	Inspect disc. If damaged you must discard. If dirty see "Disc care' page 20.		
Picture "Freezes" or breaks up	Disc damaged or dirty.	See "Disc care" page 20.		
Certain disc functions not working.	Disc may not support required feature.	Read disc information.		

# **Techincal Specifications**

#### TV

TVSystem PAL/SECAM, BG/DK/I

Screen size 15.4"(diagonal)

 $\begin{array}{ll} \text{Resolution} & \text{1280x800pixels (RGB)} \\ \text{Aerial input} & \text{75} \; \Omega \; \text{(unbalanced)} \end{array}$ 

Audio output power 2x6 W

Power Consumption AC 100-240V 50/60Hz 60W

#### Remote control

Type infrared Control distance 5m

Control angle 30° (horizontal)
Batteries 2 x 1.5 V, size AA
Dimensions 48 x 168 x24 mm
Weight 70 g (without battery)

# MARKS & SPENCER

#### Your guarantee

Your Marks & Spencer Product is covered by a warranty for 5 years from the date of purchase. Please retain your till receipt as this will validate your date of purchase. If a fault develops during this period call our customer service centre on 0845 671 0665, who will advise you on the best course of action.

This may be to return it with original packaging to any M&S store (except Outlets and Simply Food stores) along with your receipt. If it's within 90 days of purchase we will offer an exchange for a new product or a full refund. After 90 days and for theremainder of the guarantee period, we will arrange for the product to be repaired.

Once the tamperproof seal on your technology product is broken, refunds can only be given in accordance with your legal rights. Remember you are not entitled to a refund if you simply change your mind, or if you damage the goods after you buy them.

Should a repair not be possible, we will exchange the product for a new or nearest equivalent product. In the unlikely event of being unable to exchange, we will offer a full refund.

This warranty is only valid within the United Kingdom, Republic of Ireland and/or Channel Islands. This warranty excludes faults caused by accident, neglect, misuse, not following the instructions or normal wear and tear.

This warranty is in addition to your legal rights and supersedes any guarantee or warranty that is with the product.

#### T04/ 9350/1923I

(copyright) Marks & Spencer plc Marks and Spencer plc PO Box 3339 Chester CH99 9QS W2 1NW Registered No: 214436 (England and Wales) www.marksandspencer.com



M&S technology customer services: Tel 0845 671 0665