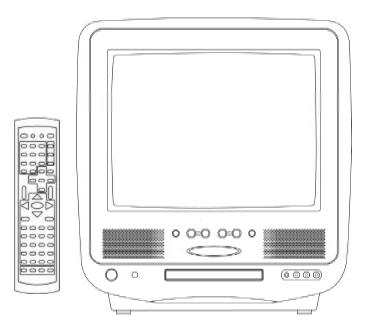


# 14" (34cm) COLOUR TELEVISION WITH DVD PLAYER



**OPERATION MANUAL** 







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#### CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK. DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSON-NEL.

The graphic symbols on the back cover of the set mean the following:



The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



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

WARNING : TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

### **INSTALLATION**

LOCATE the receiver in the room where direct light does not strike the screen. Total darkness or a reflection on the picture screen can cause eyestrain. Soft and indirect lighting is recommended for comfortable viewing.

ALLOW enough space between the receiver and the wall to permit proper ventilation. AVOID excessive warm locations to prevent possible damage to the cabinet or component failure.

# CONNECTION

This TV receiver can be connected to AC: 230V~ 50Hz .

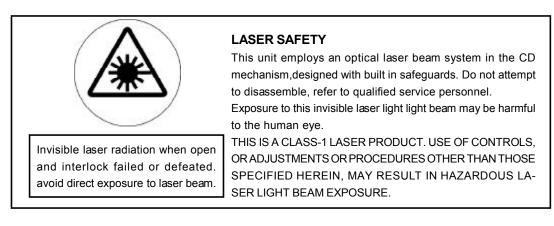
# AUTOMATIC DEGAUSSING

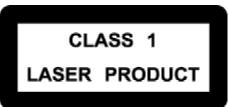
All color television receivers are sensitive to magnetic influences, usually caused by either moving the receiver from one place to another or using certain electrical appliances near the receiver. This residual magnetism as it is called, sometimes causes distortion which gives rise to "blotchy" areas of color in the picture. To avoid these effects the receiver incorporates an automatic degaussing circuit which operates for a short while immediately each time the receiver is switched on using the mains switch. This circuit removes any residual magnetism in the metal parts of the picture tube and therefore ensures that each time the receiver is switched lifelike. If the set is moved or faced in a different direction, the mains switch must be switched off at least 10 minutes in order that the automatic degaussing circuit operates properly.

# CAUTION

Never tamper with any components inside your set, or any other adjustment controls not mentioned in this manual. All television receivers are high voltage instruments. Your PICTURE TUBE is highly evacuated. If broken, glass fragments will be violently expelled. Scratching, shipping or undue pressure is dangerous and should be avoided. When you clean up dust or stick or a water drop on the PICTURE TUBE FACE or CABINET, the power cord should be pulled out from the wall then wipe the receiver with a dry soft cloth. All "inside work" on your receiver should be performed only by the Professional Service Personnel.

# DANGER





Manufactured under license from Dolby Laboratories "Dolby","Pro Logic"and the double-D symbol are trademarks of Dolby Laboratories. Confidential unpublished works.©1992-1997 Dolby Laboratories,Inc.All rights reserved.

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

# IMPORTANT SAFEGUARDS PREFITTED MAINS PLUGS

For you convenience a mains plug has been fitted to this appliance. For your safety please observe the following information.

- 1. Should the fuse in the plug fall remove the plug from the wall socket and replace the fuse with a 3 Amp ASTA approved to BS 1362 fuse.
- 2. Never use the plug without the fuse cover fitted. Replacement fuse covers are available from your dealer or most electrical retail outlets.
- 3. If the mains plug is out off the cable, rewire the replacement plug in accordance with instruction give in this manual.
- CAUTION: Under no circumstances should the discarded plug be inserted into the mains socket. To prevent a shock hazard carefully dispose of the discarded plug. Do not leave the plug lying around where children might see it.

WARNING: To prevent fire or shock hazard do not expose this unit to rain or moisture.

### CAUTION:

DANGEROUS VOLTAGES EXIST INSIDE THIS UNIT DO NOT REMOVE COVER (OR BACK).

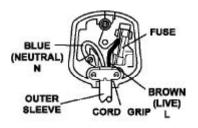
NO USER SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DISCONNECT FROM MAINS SUPPLY WHEN NOT IN USE.

This wires in this mains lead are coloured in accor-

dance with the following wiring codes:

Blue	Neutral
Brown	Live
This wires in this mains lead m	ust be connected to
the terminals in the plug as follo	ows:

Blue Wire..... N or Black Brown Wire..... L or Red

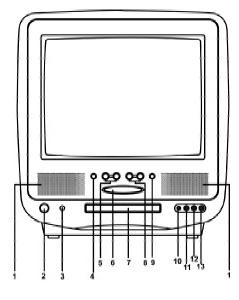


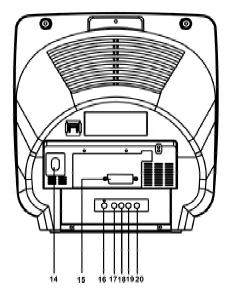
Only a 3 Amp fuse should be fitted in the plug or a 5 Amp fuse at the distribution board. WARNING: UNDER NO CIRCUMSTANCES MUST THE LIVE OR NEUTRAL WIRES BE CONNECTED TO THE EARTH TERMINAL IN A 3 - PIN MAINS PLUG.



This symbol means that this unit is double insulated. An earth connection is not required.

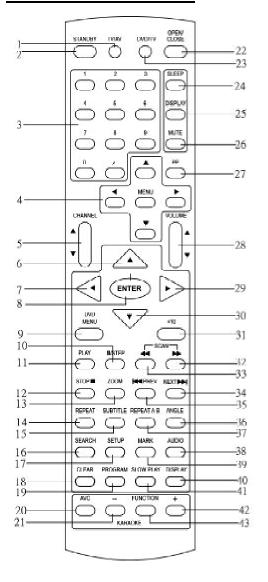
# LOCATION OF CONTROLS





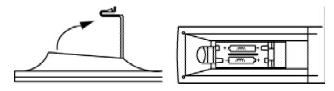
- 1. Speaker
- 2. Power Button
- 3. Remote Sensor
- 4. TV/AV/DVD Buttons
- 5. Channel Button
- 6. DVD Open/Play/Stop Button
- 7. DVD Loader
- 8. Volume Buttons
- 9. MENU Button
- 10. MIC INPUT
- 11. Front Video Input(AV2)
- 12. Front Audio (L) Input(AV2)
- 13. Front Audio (R) Input(AV2)
- 14. 75 ohm Antenna
- 15. Scart counector(AV1)
- 16. Audio digital Out Socket(for DVD only)
- 17. Audio out (R) for DVD
- 18. Audio out (L) for DVD
- 19. Video out for DVD
- 20. S-Video out for DVD

# REMOTE CONTROL UNIT



### BATTERY INSTALLATION

- 1. TV/AV Button
- 2. STANDBY Button
- 3. Numberic Buttons
- 4. TV Menu/Navigation Arrows Buttons
- 5. Channel Button
- 6. DVD Navigation Up Button
- 7. DVD Navigation Left Button
- 8. DVD Enter Button
- 9. DVD Menu Button
- 10. Pause/Step Button
- 11. Play Button
- 12. Stop Button
- 13. Zoom Button
- 14. Repeat Button
- 15. Subtitle Button
- 16. Search Button
- Setup Button
   Clear Button
- 19. Program Button
- 19. Program bull
- 20. AVC Button
- 21. Function Button
- 22. Open/Close Buttons
- 23. DVD/TV Buttons
- 24. Sleep Button
- 25. TV Display Button
- 26. Mute Button
- 27. PP Button
- 28. Volume Up/Down Buttons
- 29. DVD Navigation Right Button
- 30. DVD Navigation Down Button
- 31. DVD +10 Button
- 32. Fast forward Button
- 33. Fast backward Button
- 34. Next Button
- 35. Previous Button
- 36. Angle Button
- 37. Repeat A-B Button
- 38. Audio Button
- 39. Mark Button
- 40. DVD Display Button
- 41. Slow Play Button
- 42. Function + Button
- 43. Function Button
- Insert two pcs "AAA"; "LR03" batteries (supplied) as illustrated and replace the battery cover.



# **OPERATING THE TELEVISION**

Connect your TV aerial to the aerial input socket located on the back of the TV.

Push the Main Power Switch, Power Indicator will be illuminated, After few second later the TV screen will light up and will show noise on the screen. The TV will require tuning into the available

TV stations in your area.

### Pre-setting the TV stations into the Memory

### (Note: Preset tuning can only be carried out in TV Mode)

Press MENU three times on the remote handset ,the TV screen will show TUNE mode as FIG.1

### AUTO SEARCH

- Press the Navigation button ▼ to select the AUTO SEARCH mode as shown in FIG. 2
- Press the Navigation button ► to start the automatic scanning processes, the scanning starting from VHF to UHF and the TV stations will automatic store into memory as shown in FIG. 3
- When scanning is completed, the set will tune to lowest program and show lowest program number on the screen.
- If want to stop auto search function to press MENU ▼ button.
- To exit the menu press the MENU button.

### MANUAL SEARCH

- Press the Navigation ▲/▼ button to select the PROGRAM. then press the Navigation ▲/▼ button to select the desired Program number .
- Press the Navigation ▼ button and select desired band. UK=PAL.
- 3. Press the Navigation A button and select the MANUAL SEARCH mode then press the Navigation A button to start search up or down the wave band. The TV screen will show the tuning bar move as shown in fig 5 and then stop at a received TV station. If this is not the desired station to be memorised into the previously set Programme CH number (1, 2,3 etc) press the Navigation A button again until the cor rect TV station is shown. This station will automatically be memorised if no further buttons are pressed (Menu times out after 10 seconds) or when exiting the Menu. Repeat instructions 1-3 above to memorize other stations into the memory.

TUNE C SYSTEM PAL S SYSTEM Ι PROGRAM 1 AUTO SEARCH MANUAL SEARCH ▲ / ↓ :SELECT ♠ ↓ ← / → ADJUST FIG.1 TUNE C SYSTEM PAI S SYSTEM I 1 PROGRAM AUTO SEARCH MANUAL SEARCH ↑ ↓ :SELECT †↓ ← / → :ADJUST FIG.2 AUTO SEARCH → PROGRAM 1 BAND VHF I FIG.3 TUNE PAL C SYSTEM S SYSTEM I PROGRAM 1 AUTO SEARCH MANUAL SEARCH / SELECT **≜** ↓ ← / → :ADJUST FIG.4 AUTO SEARCH ->-> PROGRAM 1 VHF I BAND FIG.5

Note: If an incorrect TV station is memorized then simply select the CH / Programme not required and re-tune the TV to the correct station as detailed in 1-3 above. The new station will over write the old station.

#### COLOUR SYSTEM

UK Colour system is "PAL". This set is factory set to "PAL".

1. Press the Navigation ▲/▼ button to select the C SYSTEM then press Navigation ◀/► button to change the desired color system PAL,NTSC,AUTO.

#### SOUND SYSTEM

UK sound system is "I". This set is factory set to "I".

1. If the unit is the single sound system, it is fixed cannot be adjust.

Notes:

1. If ghost / noisy stations have been stored when using the AUTO SEARCH method these can be removed from the channel list by entering the SKIP Mode shown in the TUNE menu. Press the Navigation I and change the OFF state to ON. Press the MENU button to return to normal viewing. The unwanted station will be removed from the channel list when you change TV channels and cannot be viewed.

The SKIPPED station can be restored by re entering the TUNE menu and changing the SKIP ON status to OFF.

• To exit the menu press MENU button.

#### PICTURE

- 1. Press the MENU ,TV screen will show PICTURE mode.
- Press the Navigation button ▲/▼ to select the COLOR/BRIGHT / CONTRAST / SHARP as show in FIG. 6.
- Press the Navigation button 
   to adjust the desired level, The steps can be adjust from 0 ~ 99.
- To exit the menu press the MENU three times.

#### SET UP LANGUAGE

- Press the MENU button 2 times to select the SETUP, as shown in figure 7.
- Press the Navigation button ▲/▼ to select the LANGUAGE, then press the Navigation ▲/► to select the desired language ENGLISH, FRANCAIS, ESPANOL, PORTUGUESE, NEDERLAND, ITALIANO, DEUTSCH, PYCCK.

#### BLUE BACK

Press the Navigation  $\mathbf{\nabla}/\mathbf{\Delta}$  button to select the BLUE BACK and press the Navigation  $\mathbf{\nabla}/\mathbf{\Delta}$  button to adjust the blue Back-ground on or off.

#### EXCHANGE / SWAP

After storing TV stations using the AUTO SEARCH or MANUAL SEARCH methods. The stations can be repositioned so that BBCI is in CH 1 location, BBC2 is in CH 2 location etc.

1. View the channel that is to be exchanged / swapped with another station location eg swap the viewed TV channel stored in CH 4 with the TV station that is stord in CH 1.

2. Press the MENU button twice and highlight the EXCHANGE caption. Your existing CH (viewed channel) number will be shown is red. using the numeric key pad on the remote press the CH number required (1,2, or 3 etc) to swap the viewed TV channel with. Press the right navigation arrow to make the selection. The viewed station has now been moved to its new CH location. Press the MENU button twice to exit the menu system. In the same way described above move other TV stations to your preferred CH number location.

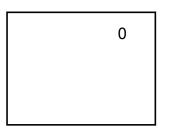
PICTURE	
CONTRAST	50
BRIGHT	50
COLOR	50
SHARP	50
↑/↓:SELECT ←/→:ADJUST	

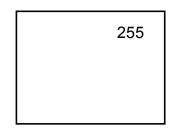
FIG.6

SETUP LANGUAGE BLUE BACK EXCHANGE	ENGLISH ON 1 <del>→</del>
FIG.	7

### CHANNEL SELECT AND VOLUME CONTROL

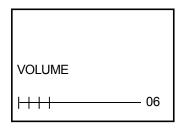
1) Press CHANNEL ▼/▲ buttons to select TV station.





Press CHANNEL."▼", the program no. will appear on the top right corner and change from higher no. to lower no. Press CHANNEL. "**\**", the program no. will change from lower no. to higher no.

2) Press VOLUME V/▲ button to adjust sound level.



### TV/AV/DVD Mode Button

- If video/audio input socket are in use, press TV/AV/DVD Mode button, "VIDEO1" OR "VIDEO2" will display on the top right corner of the screen.
- Press TV/AV/DVD button to turn on DVD. When DVD mode is selected please wait, the screen will be dark as it will take a few seconds to show the "DVD "at the top right corner of the screen.

#### 4. REMOTE CONTROL OPERATION

#### **CHANNEL Up and Down buttons**

Press the CHANNEL ▲ or ▼ button to select a higher or lower channel number.

#### 0~9 Numeric Button

To select a TV station using numeric buttons 0~9. For example:

Press number "9" button to select PROGRAM "9".

### Two digit Program Number

For example:selecting PROGRAM "12"

- 1. Press the -/-- button, on screen will show --.
- 2. Press the number "1" button,on screen will show "1-".
- 3. Press the number "2" button, channel "12" will show.

#### Three digit Program number

For example:selecting PROGRAM "123"

- 1. Press the -/-- button twice, on screen will show ---.
- 2. Press the number "1" button,on screen will show "1--".
- 3. Press the number "2" button,on screen will show "12-".
- 4. Press the number "3" button,on screen will show "123".

#### **PP Button**(personal preference)

• Press PP button to select the picture effect.



#### **SLEEP Button**

Prees the SLEEP button to select a predetermined time the TV will turn off. The sleep time can be set to count down from 5 to 120 minutes.

#### **STANDBY Button**

• Press the STANDBY button to swich ON/OFF the picture and sound.

#### **MUTE Button**

• Press the Mute button to swich OFF the sound, press once again to swich ON the sound.

#### TV/AV Button

• Press the AV/TV mode Button to select VIDEO mode.Press again to go back to TV mode.

#### DVD/TV Button

 Press the DVD/TV mode Button to select DVD mode.Press again to go back to TV mode. (There will be a few seconds delay before entering the DVD mode).

# DVD PLAYER OPERATION

### BASIC OPERATION

- 1. Press "TV/AV/DVD" button on the unit or press the DVD MODE direct key on the remote handset to turn ON DVD.
- 2. Press "OPEN / CLOSE (EJECT)" button to load disc in disc tray.
- 3. Press "OPEN / CLOSE" button to close the tray.
- Hold the disc without touching either of its surfaces, position it with the printed title side facing up.

### PLAY DISCS

- Press the OPEN/CLOSE Button on the front panel and load the Disc on the tray. The label side should be facing upwards. For a Double-sided DVD Disc, put the disc with label A/1 up.
- 2. Press the OPEN/CLOSE button again to close the tray and the disc will be loaded.
- 3. The Disc will be played automatically.
  - If it is a DVD disc, it will show the Menu/Title Page on the screen.
  - If it is a CD, it will play the first track directly.
- Press the STOP Button if you want to stop the Disc playback You can resume playback by pressing the PLAY button and it will start at the location where you have pressed stopped (Resume Play).
- 5. Press the STOP Button twice to have the Disc really stopped.

### || (PAUSE)/ STEP

This function is applicable for DVD and CD audio.

- For DVD, the picture will freeze.
- For CD audio, it will become muted.
- 1. Press the ( || ) Button to pause play.
- 2. Press the PLAY Button again to resume Play.

### DVD SETUP MODE

DVD setup mode can only be selected whilst in the DVD mode.

- Setup Mode provides menu for the configuration of SYSTEM SETUP, LANGUAGE SETUP, KARAOKE SETUP, VIDEO SETUP, SPEAKER SETUP, DIGITAL SETUP.
- Item selection in the SETUP menu is done by using the direction button and the ENTER button.
- To exit the SETUP Mode, press the SETUP button again or select the EXIT and press the ENTER button.

### SYSTEM SETUP

In stop mode press SETUP button and highlight SYSTEM setup then press ENTER button to confirm.

TO select the desired item by use the direction  $\nabla/\Delta$ ,  $\checkmark$  button, then press the ENTER button to confirm the selected item.

TV SYSTEM :

NTSC PAL(Default) AUTO



SCREEN SAVER : ON (Default) OFF

STATEM SETURA	NON	
TV TYPE	OFF	
PASSWORD		
RATING		
DEFAULT	]	
EXIT SETUP		

TV TYPE: 4:3 PS (Pan Scan) 4:3 LB (Letter Box)(Default) 16:9 (wide screen)

2	15	2	3º	0	13
	EM SET				
1 N	THE	na j	4:3P	SET	1
PAS	SWORD	1000	4:3L		(Internal day
RAT	ING	Tim.	16:9	5	
DEF	AULT				
EXI	r setui	2			

### PASS WORD: \_\_\_\_

The password option is initialized locked, and you cannot set the ratings limit or change the password. In order for the Ratings feature work, the password mode must be turned on. If you want to set the ratings limit, you will need to enter the default password, which is 0000, then press Enter to confirm. To change the password, you will be prompted for the old password, then be prompted for a new. Enter a 4-digit number (this is your password).

SYSTEM SETUP		
SCREEN SAVER		
TV TYPE		
DATING	- Ici	
RATING	- Party and a state of the stat	
DEFAULT	Concession of the other designation	
ENIT PETID	and the second second	
EXIT SETUP	and a state of the second second	

	VIEW ALL(Default)
	KID. SAFE
RATING:	NO ADULT

H 2 %	1 50	())	1.14
SYSTEM SUNUE SCREEN SAVER IV TYPE PASSWORD	1		
DEFAULT	KID	SAFE	_
EXIT SETUP	<b>VIEW</b>	ALL	

The Rating feature is a rating limit system, like movie ratings. It works with DVD discs that have been assigned a rating. This helps you control the types of DVDs that your family watches.

- There are two rating options: NO ADULT and KID SAFE.
- Select the VIEW ALL option to cancel the rating limit. The default setting is VIEW ALL.

Notes:

• If the password option is locked, you cannot set the ratings limit; the rating limit doe not work when the password option unlocked.

### ✤ DEFAULT: RESTORE

Choose this option to resume all the setup options to default settings.

2	相	36	1 20	0	15
SYST	M SET	UI2			
SCR	EEN SA	VER	1		
TV		a spear to	1		
PAS	SWORD		J		
RAT	ING	-	]		
日日日日	AULT		REST	ORE	
EXI	SETU	P	J		
A COLORADOR	-	1010			

### LANGUAGE SETUP MENU

In stop mode press SETUP button and press the direction **I** button to highlight language setup then press ENTER button to confirm.

### OSD LANGUAGE

- 1. Press direction▲ /▼ button to highlight the OSD and press ENTER button,then press the direction ▼/▲ button to select the desired OSD language.
  - ENGLISH (Default)
  - GERMAN
  - SPANISH
  - FRENCH
  - PORTUGUESE

DOD RANGLACE	FENGLISH
AUDIO LANG	GERMAN
SUBTITLE LANS	SPANISH
MENU LANG	FRENCH
	PORTUGUESE
EXIT SETUP	

#### AUDIO LANGUAGE

1. Press direction ▲/▼ button to highlight the AUDIO and press the ENTER button,then press the direction ▼/▲ button to select the desired AUDIO language.

#### • ENGLISH (Default)

- FRENCH
- SPANISH
- PORTUGUESE
- •GERMAN

OSD LANGUAGE	I FENGLISH
AUDIO LANU	> FRENCH
SUBTITLE LANG	SPANISH
MENU LANG	PORTUGUESE
and a second of	LATIN
EXIT SETUP	GERMAN

#### SUBTITLE LANGUAGE

- Press direction ▲ /▼ button to highlight the AUDIO and press the ENTER button, then press the direction ▼/▲ button to select the desired AUDIO language.
  - ENGLISH
  - FRENCH
  - SPANISH
  - PORTUGUESE
  - •GERMAN
  - OFF(Default)

OSD LANGUAGE	ENGLISH
AUDIO LANG	FRENCH
SUBTITLE LANG	SPANISH
MENU LANG	PORTUGUESE
	GERMAN
EXIT SETUP	OFF

### MENU LANGUAGE

 Press direction ▲ /▼ button to highlight the SUBTITLE and press the ENTER button, then press the direction ▼/▲ button to select the desired SUBTITLE language.

- ENGLISH(Default)
- FRENCH
- SPANISH
- •PORTUGUESE
- •GERMAN

OSD LANGUAGE	ENGLISH
AUDIO LANG	FRENCH
SUBTITLE LANG	SPANISH
NE ALL LAWE	PORTUGUESE
	GERMAN
EXIT SETUP	LATIN

#### VIDEO SETUP

In stop mode press SETUP button and press the direction /> button to highlight VIDEO setup then press ENTER button to confirm.

BRIGHTNESS

Use the Up and Down arrow button to move the scroll and adjust the brightness.

IDEO SETUP			
	1	1000	12
CONTRAST	JE	100	10
NUE	- 1	-	8
SATURATION	1	1-	6
Actors Bullet Barres	-	10-	4
EXIT SETUP	1 -	1.00	2
Property and the second second	1.1	-	0

#### CONTRAST

Use the Up and Down arrow button to move the scroll and adjust the contrast.



### HUE

Use the Up and Down arrow button to move the scroll and adjust the hue.



### SATURATION

Use the Up and Down arrow button to move the scroll and adjust the saturation.

IDEO SETUP				
BRIGHTNESS	1	- 1	-	12
CONTRAST			-	10
HUE	J	-		8
SATURATION				6
		-		4
EXIT SETUP		-	-	2
			5-	0

# KARAOKE SETUP

Quick setup is also available whilst the disc is playing. Press and hold the KARAOKE FUNCTION button on the remote. The ECHO / MIC / KEY will be shown cyclically in the display. When the correct function to be altered is shown release the FUNCTION button and press the KARAOKE " - " and " + " buttons to alter the shown function. This new change will be memorised when no further buttons are pressed and the TV screen returns to normal operation.

In stop mode press SETUP button and highlight KARAOKE setup then press ENTER button to confirm.

ECHO : 8 6 **4 (Default)** 2 OFF

		- 8
VOL OIL	-	- 6
KEY	24	- 4
		- 2
MAIN PAGEP	1 200	- OFF

• Use the Up and Down arrow button to move the scroll and adjust the echo.

```
MIC VOL : 8
6
4 (Default)
2
OFF
```

• Use the Up and Down arrow button to move the scroll and adjust the microphone vol ume.

KEY :	8
	+4
	+2
	0 (Default)
	-2
	-2
	-2 -4

• Use the Up and Down arrow button to move the scroll and adjust the key.

ECHO	31	-	- 8
		-4	- 6
(EY		-	- 4
		-	- 2
MAIN PAGEP	1	-	- OFF

ARAOKE SETUP				
ECHO		-	1.1	
MIC VOL	31	-	- +4	
KCY -		-	- +2	
		-	0	
MAIN PAGEP	1	1	2	
			4	
		-	h	

#### SPEAKER SETUP

In stop mode press SETUP button and highight SPEAKER SETUP thress ENTER button to confirm.



#### DOWNMIX: LT/RT

#### STEREO (Default)

• LT / RT:

Choose this setting, it will be sound like in a movie theatre if the original movie was recorded from encoded in the ProLogic Dolby Digital format.

#### DIGITAL SETUP

AUDIO OUT: SPDIF/RAN(Default) SPIF/PCM

9 1 20 3	Tot Kho Et
DIGITAL SETUR	1
DYNAMIC RANGE	SPD1F/RAW
EXIT SETUP	1

• SPDIF/ RAW: Choose this setting if your DVD player is connected to a power amplifier with a coaxial cable or an optical cable; When playing a disc recorded with Dolby Digital, DTS and MPEG audio formats, the corresponding digital signals will be output from the Coaxial

Output jack or Optical Output jack. This player's digital output jacks are designed for a connection to a Dolby Digital, DTS , or MPEG receiver or decoder.

 SPDIF / PCM: Choose this setting if your DVD player is connected to a 2-channel digital stereo amplifier; When playing a disc recorded with Dolby Digital and MPEG audio formats, audio signals will be modulated into a 2-channel PCM signal, and it will be output from the Coaxial Output jack or Optical Output jack.

DYNAMIC RANGE: FULL 6/8 4/8 <b>(Default)</b> 2/8 OFF	DIGINAL SETUP           AUDIO OUT           -   -

DYNAMIC RANGE: When "LINE OUT" is selected, choose this setting to adjust the line out ratio and get different effect. If adjusting to FULL, the audio signal peak value will be the minimum; while adjusting to OFF, maximum.

NOTE:

This option will be validated when the DOWNMIX OFF.

### DVD Menu

The DVD Menu Play function is only applicable for DVD movie. User can access the Casting information, Production History, Movie Introduction etc. directly through this function.

- 1. Press the DVD MENU Button on the remote controller to enter the Root Menu.
- Use the direction button (▲ / ▼, ◀ / ► ) or input the item index through the Number keys (0-9) to do the selection.
- 3. Press ENTER to confirm the selection.

### Audio

This function is applicable for DVD and CD audio but with different effects.

- Pressing the AUDIO Button will change the Audio channel.
- Note:

When AVC is on this button is no function.

### SCAN / SEARCH

This function is applicable for DVD and CD audio but with different effects. The FAST FORWARD key and FAST BACKWARD key are used to achieve fast play function.

- For DVD, there are 4 different levels of speed (x2, x4,x8, x20) available. Press the FAST key to cycle speed.
- For CD audio, the FORWARD/BACKWARD will play at high speed.

Note : Press PLAY Button at any stage will resume to normal speed.

This function is not available for CD-G.

### PREV./NEXT

During playback, press one of the PREV./NEXT buttons (PREVIOUS button and NEXT button)

- When the PREV. button is pressed once, playback returns to the beginning of the PREVI-OUS playing chapter or track.
- When the NEXT button is pressed once, playback starts at the beginning of next chapter or track.

### Slow

The Slow Forward is only available for DVD. There are 6 steps of slow motion speed; 1/2, 1/3, 1/4, 1/5,1/6,1/7. Press button to cycle playback speeds.

Note : Press Play Key to resume normal playback speed.

This function is not available for CD-G.

### Repeat Mode

This function is available for DVD and CD audio but with different effects.

- For DVD disc playback, user can choose to repeat the current chapter, the current title or disc. Subsequent key press of the REPEAT key can change between these three options.
- For CD, user can choose to repeat the current track or the whole disc (Repeat All). Subsequent key press of the REPEAT key can change between these two options.

### Repeat AB

User can specify the repeating interval by marking the starting point and the end point.

- 1. Press the REPEAT AB Button to mark the starting point. (Playback will continue).
- 2. Press the REPEAT AB Button to mark the end point. (The marked part will be repeated automatically)

Note : Press the REPEAT AB Button during repetition will disable the Repeat mode.

This function is not available for CD-G.

### Subtitle

This function is only available for DVD disc. It can change the subtitle language shown on the screen.

Note : Number of subtitle available depends on the DVD disc.

This function is not available for CD-G.

### Angle

Some discs may have multiple viewing angles during production. Use the ANGLE button to select the viewing angle shown on the screen.

Note : The number of Angles of View depends on the Disc.

### Search

The user can access a specific location or a specific track by keying in the target time or the track number.

- 1. Press the SEARCH Button to enter to search mode .
- 2. Input the target time to the number button (0~9) and press the ENTER button. The player will jump to the target Location immediately.

### Display

This function is to show the time and status information on the screen.

### Resume Play

This function is in playback mode, when the STOP Button is pressed once, the player will enter the Resume Play mode. At this time, if the PLAY Button is pressed, the player will resume playback at the location where the STOP Button is pressed. If the STOP button is pressed a second time, resume mode cancels.

### Zoom

This function is enlarge or reduce a still picture or a moving picture by pressing the ZOOM button to select the levels of zooming (2,3,4,1/2,1/3,1/4).

NOTE: Use the direction buttons (  $\blacktriangle$  /  $\P$ ,  $\blacktriangleleft$  /  $\blacktriangleright$  ) to navigate within the image.

This function is not available for CD-G.

### AVC(Auto vocal cut)

In some CD-G disc format R channel is record original singer sound L channel is record music, when AVC on the original singer sound will be cut automatically, while the user is singing.

### Function

Press the button to select the MIC VOL, ECHO KEY functions then press the +,- button to adjust the desired level.

### Picture CD

Load a picture CD into the tray it the disc can be identified, the player will start showing the picture (JPG) one by one (slide show).

### Operation

During Slide Show Mode: -

- Press the STOP Button will shift to the Digest Mode in which 6 pictures will be shown on the screen each time.
- Press the PAUSE Button will freeze the screen so that the current picture can be held for a long time. To resume the slide show mode, press PLAY Button.
- Press the NEXT Button on the remote controller to skip the next picture.
- Press the PREVIOUS Button on the remote controller to repeat the current picture.

# SPECIFICATION

### TV SECTION

#### **Receiving Channels**

VHFL	CH 2 - 4
VHF <sub>H</sub>	CH 5 - 12
UHF	CH 21- 69
Tuner Type	255 Channel ,VS TUNING

#### DVD SECTION

Laser Wave length	655nm
Laser power :	Class 1
Signal System	PAL / NTSC output
Digital audio output	Coaxial digital output; pin jack
S-video Y output level	1Vp-p (75 Ohm);
C output level	0.300Vp-p (75 Ohm) (PAL),
	0.286Vp-p (75 Ohm) (NTSC)

## Headphone Stereo in DVD mode Mono in TV mode

### **GENERAL SECTION**

AC Power Input	230V ~ 50 Hz
AC Power Consumption	74 W
Speaker	3 x1.5 " 8ohm x 2
Audio Output	1.8 W + 1.8 W
Dimensions	W390 x H420 x D411(mm)
Net Weight	13.5 Kg

Region coding: All DVD discs are coded by the sales territory. Please note the player is factory set to region 2 coding (UK and Europe) and cannot be changed. Therefore discs purchased outside of UK or Europe cannot be played. This is in compliance with the DVD patent requirements.