

Goodmans

GDB 400 DVD

Digital Set Top Box with DVD Player User Guide

EASY TO INSTALL

USING YOUR EXISTING TV AERIAL -
NO SUBSCRIPTION
REQUIRED

1 BOX SOLUTION

FOR ALL YOUR DIGITAL
ENTERTAINMENT



KODAK PICTURE CD
FUNCTION - VIEW YOUR
FAMILY ALBUMS ON THE TV



DVD PLAYER
WITH **FREE-TO-VIEW DIGITAL
TERRESTRIAL TV RECEIVER**

GDB 400 DVD

GDB 400

Acknowledgements

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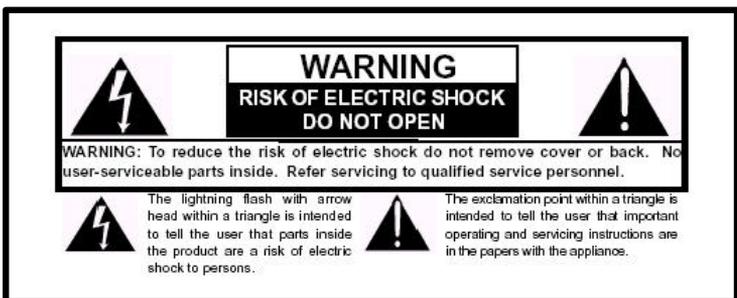
Table of Contents

1. INTRODUCTION	1
1.1 SAFETY POINTS FOR ATTENTION	1
1.2 PRECAUTIONS ON YOUR DVD.....	2
1.3 WIRING THE PLUG	3
2. KNOW YOUR GDB 400 DVD.....	4
2.1 ACCESSORIES	4
2.2 FRONT PANEL	5
2.3 REAR PANEL	5
2.4 REMOTE CONTROL	6
3. MAKING CONNECTIONS.....	8
3.1 TV ONLY.....	8
3.2 WITH EXTERNAL AUDIO / HI-FI SYSTEM.....	8
3.3 TV WITH VCR (1 SCART SOCKET).....	9
3.4 TV WITH VCR (2 SCART SOCKETS).....	9
4. USING YOUR SET TOP BOX	11
4.1 FIRST TIME INSTALLATION	11
4.2 MAIN MENU.....	12
4.3 CHANGING CHANNELS	12
4.4 ADJUSTING THE VOLUME.....	14
4.5 DIGITAL TELETEXT.....	14
4.6 WIDESCREEN.....	15
5. MENU SETTINGS OF YOUR SET TOP BOX.....	16
5.1 CHANNEL LIST.....	16
5.2 INSTALLATION.....	18
5.3 CONFIGURATION	20
5.4 TIMERS.....	23
5.5 LANGUAGE.....	24
5.6 ELECTRONIC PROGRAMME GUIDE (EPG)	24
6. USING YOUR DVD.....	26
6.1 SETUP MENU.....	26
6.2 BASIC PLAY.....	27
6.3 ORDINARY PLAY	27
6.4 ADDITIONAL OPERATIONS.....	28
6.5 MENU SETTINGS OF YOUR DVD.....	30
7. APPENDIX	38
7.1 TROUBLESHOOTING GUIDE.....	38
7.2 TECHNICAL SPECIFICATIONS.....	39

1. Introduction

1.1 Safety Points for Attention

- ◆ Read these instructions provided with your Set top box.
- ◆ Keep these instructions for later use.
- ◆ Heed all warnings indicated in this operating instruction.
- ◆ Follow all instructions described in this manual.
- ◆ Do not use this Set top box near sources of water.
- ◆ Unplug from mains before cleaning.
- ◆ Clean only with damp cloth.
- ◆ To protect from overheating, do not block any of the ventilation openings. Install in accordance with the manufacturer's instructions. Arrange the equipment so that air can circulate freely.
- ◆ Do not install near any heat sources such as radiators or other equipment (including amplifiers) that produces heat.
- ◆ Protect the power cord from being walked on or pinched.
- ◆ Only use attachments / accessories specified by the manufacturer.
- ◆ Unplug this Set top box during thunderstorms or when unused for long periods of time.
- ◆ Refer all servicing to qualified service personnel. Servicing is required when the Set top box has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the Set top box, the Set top box has been exposed to rain or moisture, does not operate normally, or has been dropped.
- ◆ Connect all components before plugging any power cords into the wall outlet. Always turn off the Set top box, TV, and other components before you connect or disconnect any cables.
- ◆ Insert all cable plugs firmly into their sockets. Place the audio/video cables to the sides of the TV back panel instead of straight down the middle after you connect your components.



IMPORTANT: Removing the covers of this equipment may invalidate the warranty.

1.2 Precautions on your DVD

- ◆ **How to obtain a clear picture**

If the optical pick-up lens and drive parts are dirty, the picture quality of your DVD video player may be poor. To avoid such scenario, regular inspection and maintenance is highly recommended.
- ◆ **How to place your DVD**

Your DVD video player must not be placed near a TV, radio or VCR to avoid poor quality of playback picture and sound distortion. Instead, place your DVD video player away from the TV, radio or VCR.
- ◆ **How to handle discs properly**

Do not touch the playback side of the disc.
Do not attach anything such as paper or tape on the discs.
- ◆ **How to clean discs correctly**

Wipe the disc from the center outward with a soft cloth. Sometimes, fingerprints and dust may cause picture and sound deterioration on the disc. If a soft cloth cannot wipe off the dirt, use a slightly moistened soft cloth and then wipe with dry cloth. Using any type of solvent such as thinner, benzine, commercially available cleaners or antistatic spray may damage the disc.
- ◆ **How to store discs safely**

Your discs must not be stored in places that is subject to moisture and dust such as bathroom or near a humidifier. It must be stored in a case.
Do not store discs in places that is subject to direct sunlight or near heat sources.

2. Know Your GDB 400 DVD

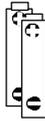
2.1 Accessories

The following items come with your GDB 400 DVD:

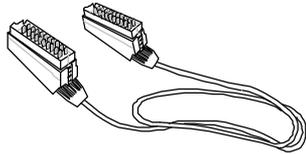
- Remote Control
- 2 x AAA 1.5V Batteries
- SCART Cable
- RCA Audio Cable
- Aerial Cable
- Warranty Card
- Quick Start Guide
- Operating Instructions (this manual)



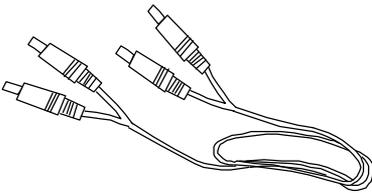
Remote Control



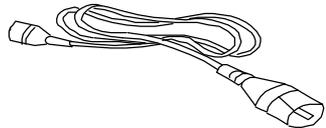
Battery



SCART Cable

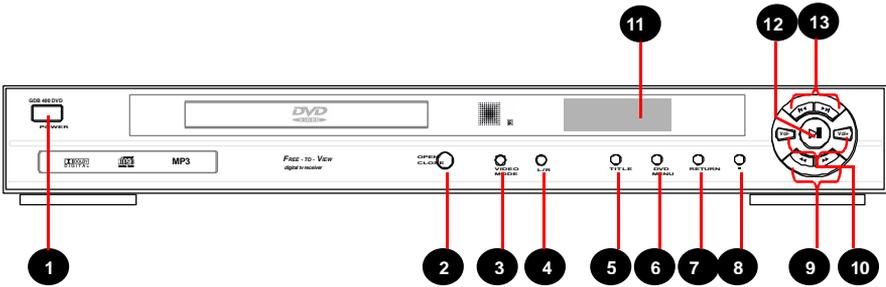


RCA Audio Cable



Aerial Cable

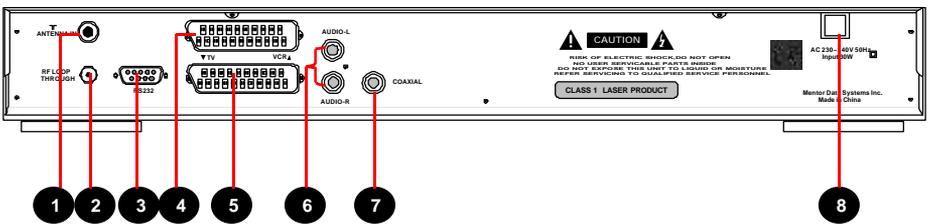
2.2 Front Panel



1	Power Switch	Turn the unit ON/ OFF
2	Open/Close	Load or Eject discs
3	Video Mode	Switch video standard PAL or NTSC
4	L/R	Switch speaker output
5	Title	Display Title Menu
6	DVD Menu	Display Root Menu
7	Return	Switch root menu mode / play mode
8	Stop	Stop play mode
9	Reverse/Forward	Fast reverse scanning or fast forward scanning during playback
10	Volume +/-	Adjust audio volume
11	VFD display	Display
12	Play/ Pause	Toggle play and pause mode
13	Previous/ Next	Skip back to the start of the chapter or skip forward to next chapter

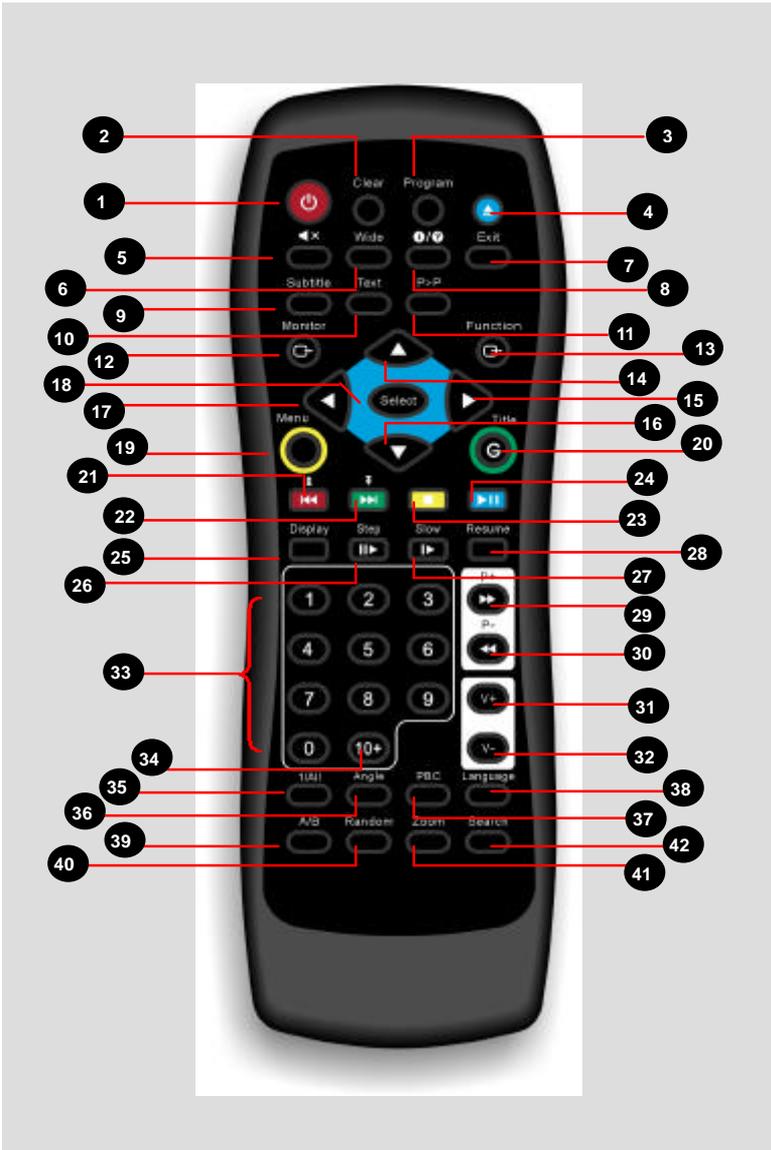
 **Note:** Front Panel functions are applicable only in DVD mode.

2.3 Rear Panel



1	Aerial	Aerial input
2	RF Loop Through	RF Aerial loop through
3	RS232 port	9-pin D-sub (<i>production line use only</i>)
4	SCART for VCR	Connect to VCR via SCART cable
5	SCART for TV	Connect to TV via SCART cable
6	Audio (L, R)	AUDIO output (L, R)
7	Coaxial	Digital audio output (SPDIF- for DVD player only)
8	Power Supply	Power cord input

2.4 Remote Control



◆ Battery Installation

Use two **AAA** batteries:

- Remove the battery cover by pushing near the arrow and sliding the cover back.
- Install batteries matching (+) and (-) polarity signs.
- Replace the battery cover.



CAUTION...

- Replace batteries in pairs.
- Batteries installed incorrectly can cause battery leakage and corrosion that will damage the remote control.
- Do not mix battery types.
- Do not recharge, short-circuit, heat, burn, or disassemble batteries.

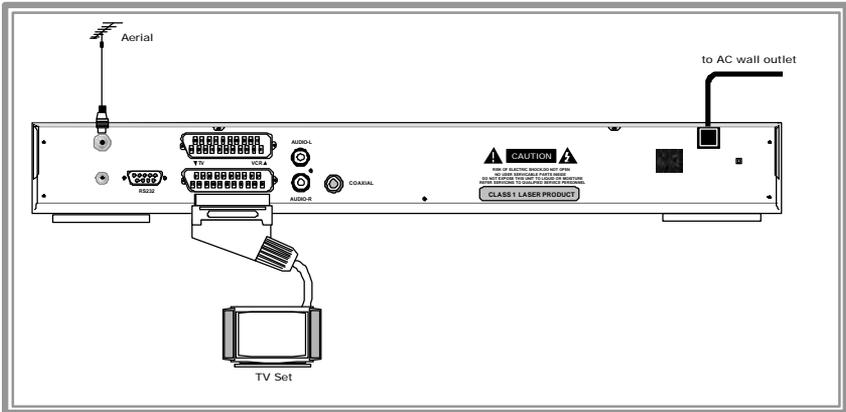
REMOTE CONTROL BUTTONS & FUNCTIONS

No.	Name/ Symbol	Function in DVD Mode	Function in Digital TV Mode
1		Power / Standby (VCR loop through)	Power / Standby (VCR loop through)
2	Clear	Clear Program List	No Function
3	Program	Change playback order	No Function
4		Load / Eject disc	No Function
5		Mute	Mute
6	Wide	No Function	Select screen format
7		No Function	Display Menu Help / Channel Information
8	Exit	Toggle Root Menu mode/Playback mode	Clear Menu / Return Previous Menu
9	Subtitle	Select language subtitle	Switch Subtitle On/Off
10	Text	No Function	Start & Stop digital teletext
11	P>P	No Function	Return previous channel
12	Monitor / 	Monitor function mode <i>(DTV On, DVD On, DTV Display)</i>	Monitor function mode <i>(DTV On, DVD On, DVD Display)</i>
13	Function / 	Switch DTV/ DVD/TV mode <i>DTV Mode: DTV On, DVD Standby</i> <i>DVD Mode: DTV On, DVD On</i> <i>TV Mode: DTV On, DVD Standby</i>	Switch DTV/ DVD/TV mode <i>DTV Mode: DTV On, DVD Standby</i> <i>DVD Mode: DTV On, DVD On</i> <i>TV Mode: DTV On, DVD Standby</i>
14		Move up in menu items	Move up in menu items
15		Move right in menu items	Move right in menu items
16		Move down in menu items	Move down in menu items
17		Move left in menu items	Move left in menu items
18	Select	Make selection in menu items	Make selection in menu items
19	Menu	Display Setup Menu / Exit Setup Menu	Display Main Menu / Exit menu
20	G / Title	Display Title/ Root Menu	Display / Exit EPG
21		Skip to the previous chapter or track	Move up a page in Channel List Move to top in EPG program details Select red option in digital teletext
22		Skip to the next chapter or track	Move down a page in Channel List Move to bottom in EPG program details Select green option in digital teletext
23		Stop playback	Scroll up in EPG program details Select yellow option in digital teletext
24		Toggle play/pause playback	Scroll down in EPG program details Select blue option in digital teletext
25	Display	Display Time	No Function
26	Step	Single Step Play	No Function
27	Slow	Slow Play	No Function
28	Resume	Resume Play	No Function
29	P+ / 	Fast Forward search	Channel up
30	P- / 	Fast Reverse search	Channel down
31	V+	Volume up	Volume up
32	V-	Volume down	Volume down
33	0-9	Select track or chapter	Change Channels Enter numbers and letters into menus.
34	10+	Select track or chapter number above 10	No Function
35	1/ All	Repeat play of a chapter or track	No Function
36	Angle	Select camera angle	No Function
37	PBC	Playback Control (for VCD only)	No Function
38	Language	Select Audio Language	No Function
39	A/B	Repeat play of a specified location	No Function
40	Random	Random playback of chapters	No Function
41	Zoom	Reduce / Enlarge video output	No Function
42	Search	Search titles or tracks	No Function

3. Making Connections

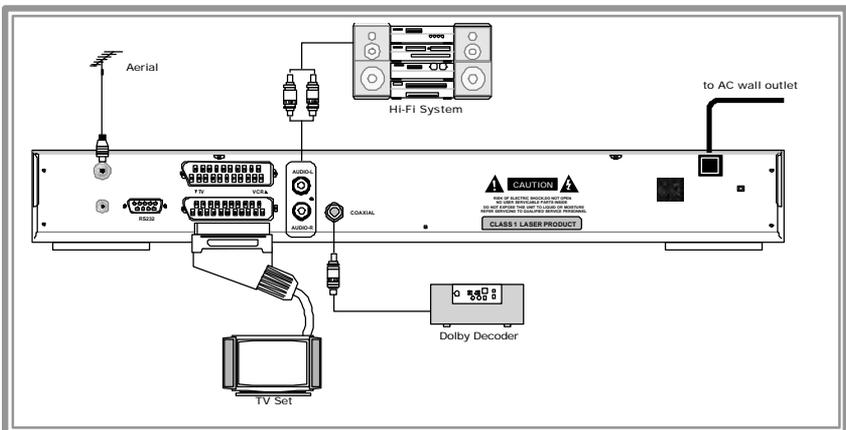
3.1 TV Only

- 1 Connect the Aerial cable from the Aerial to the Set top box's **AERIAL** input socket.
- 2 Connect the Scart cable from the Set top box's **TV Scart** socket to a **Scart** socket on the rear of the TV.
- 3 Connect the plug end to an AC wall outlet.



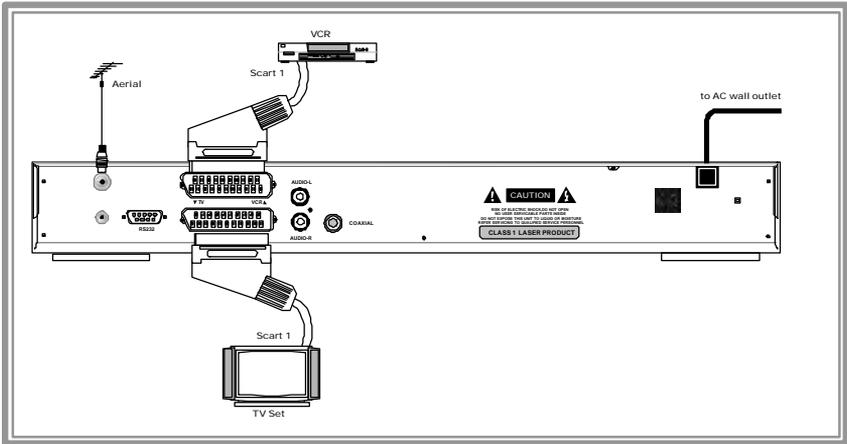
3.2 With External Audio / Hi-Fi System

- 1 Connect the Aerial cable from the Aerial to the Set top box's **AERIAL** input socket.
- 2 Connect the RCA stereo cable from the **AUDIO L & R** sockets on the back of the Set top box to the AUDIO IN sockets on the Hi-Fi system.
- 3 Connect the coaxial cable from the Set top box's **SPDIF** output to a Dolby Decoder input terminal. **Note:** Digital Audio output is for DVD player only.
- 4 Connect the Scart cable from the Set top box's **TV Scart** socket to the **Scart** socket on the rear of the TV.
- 5 Connect the plug end to an AC wall outlet.



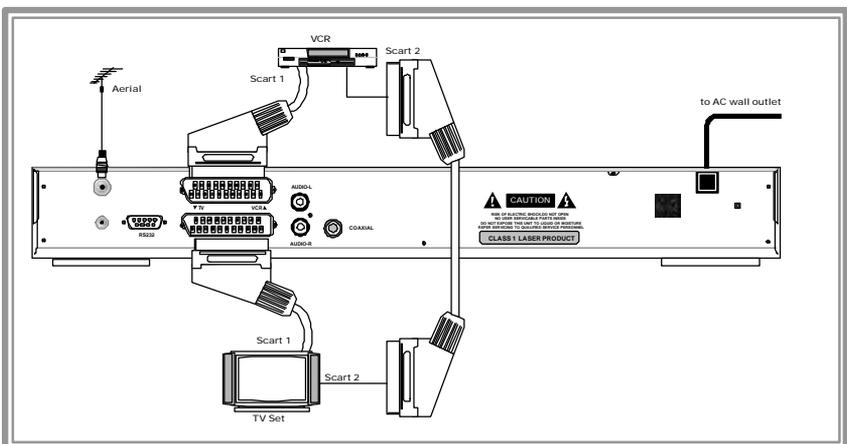
3.3 TV with VCR (1 Scart socket)

- 1 Connect the Aerial cable from the Aerial to the Set top box's **AERIAL** input socket.
- 2 Connect a Scart cable from the Set top box's **VCR Scart** socket to a **Scart** socket on the VCR.
- 3 Connect a Scart cable from the Set top box's **TV Scart** socket to a **Scart** socket on the rear of the TV.
- 4 Connect the plug end to an AC wall outlet.



3.4 TV with VCR (2 Scart sockets)

- 1 Connect the Aerial cable from the Aerial to the Set top box's **AERIAL** input socket.
- 2 Connect a Scart cable from the Set top box's **VCR Scart** socket to a **Scart** socket on the VCR and connect a Scart cable from the **second Scart** socket on the VCR to the **second Scart** socket on the rear of the TV.
- 3 Connect a Scart cable from the Set top box's **TV Scart** socket to the **first Scart** socket on the rear of the TV.
- 4 Connect the plug end to an AC wall outlet.





How to record a Digital TV program from the VCR while in DVD mode

Following the connections above in Item 3.3 or 3.4, you are now ready to record Digital TV programs with your VCR while you are in DVD mode.

Turn On the VCR. Select the relevant AV input on the VCR then press the "Record" button. While recording is in progress, you can check the Digital TV mode to monitor the recording then return to DVD mode.

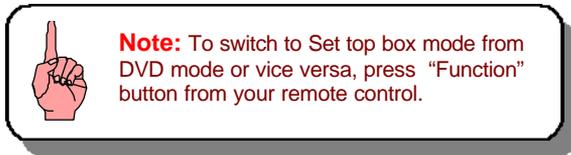
If you press the "Monitor" button from the remote control, you can check what content is being recorded. In the meantime, the DVD will continue playing.

If you press the "Function" button from the remote control, DVD will be turned OFF and switch to TV mode, which means that you can now watch analogue TV programmes.

4. Using Your Set Top Box

4.1 First Time Installation

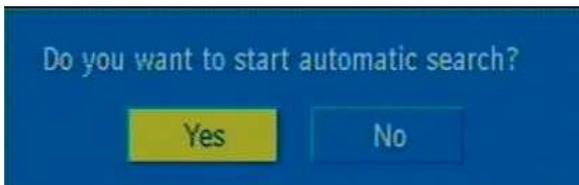
When you connect your Set top box for the first time, there are no channels stored in the memory of your Set top box and the First Time Installation menu will be displayed on the screen.



On your first time installation:

- ❑ Select the TV Type of the TV Set you have connected your Set top box to. Press “◀” or “▶” buttons to switch the TV type to Normal 4:3 or wide-screen 16:9.
- ❑ Press “SELECT” to start the installation process.

After pressing “SELECT”, the following menu will display:



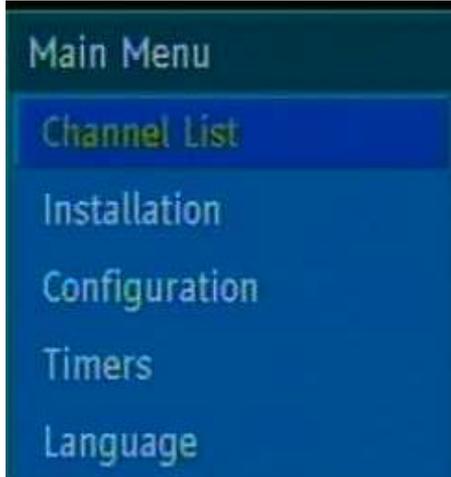
- ❑ Press “◀” or “▶” buttons to highlight the “Yes” option.
- ❑ Press “SELECT” to perform automatic search.
The Set top box will automatically tune to the UHF transmissions channels 21 to 68 searching for the digital terrestrial TV broadcasts. It will display also the names of the channels found. The process will take a few minutes.

When the search is finished, the installation menu will be displayed on the screen of your TV.

Press the “Menu” button from your remote control to start watching digital terrestrial programmes.

4.2 Main Menu

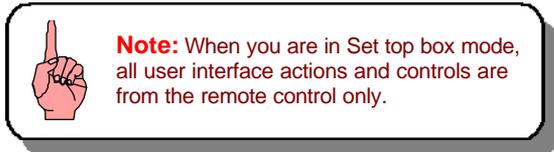
To bring up the Main Menu of your Set top box, press “**Menu**” button from your remote control. See the on-screen display below:



The Main Menu consists of the following sub-menus:

- Channel List
- Installation
- Configuration
- Timers
- Language

To enter in any of these sub-menus, press “**▲** or **▼**” buttons from your remote control followed by “**Select**” button.



4.3 Changing Channels

You can change channels in 4 ways:

- Press “**P+** or **P-**” on your remote control to step through the channel selection.
- Enter the channel number you want to view using the numeric buttons on the remote control.
- Select Channel from the Channel List
- Select Channel from the Electronic Programme Guide (EPG)

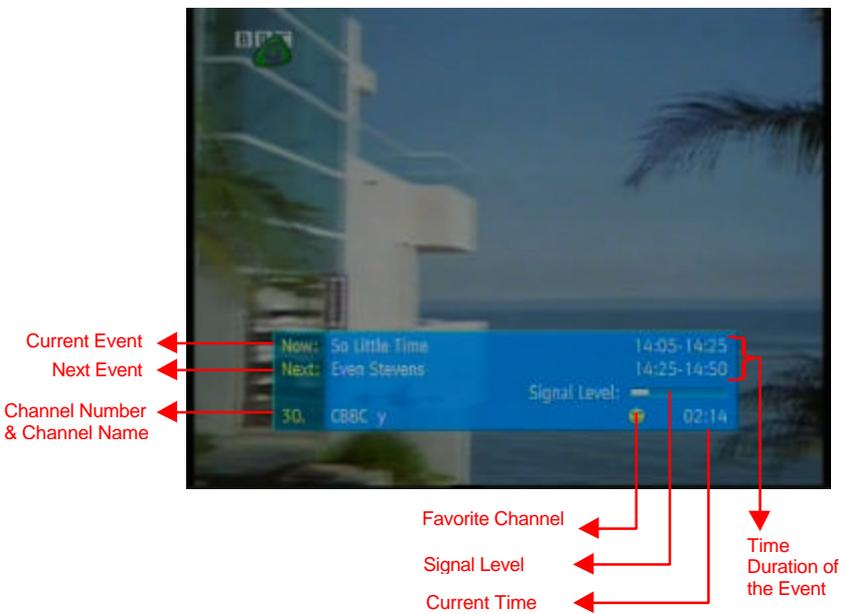


The broadcasters assign the channel list numbers. Because not all channels are broadcast free-to-air, the channel list numbers may not run continuously.

When you press a number key on the remote control, a small box appears in the top left of the screen to show the entered number. After each digit is entered, the Set top box will wait up to 2 seconds for the next digit to be pressed until either three digits have been entered or you do not press a digit in time. The channel corresponding to the entered number in the box will then be selected.

If you enter a number that does not correspond to a stored channel, the next valid channel number is selected instead. If you enter a number greater than the highest numbered channel in the channel list, the Set top box will select the last channel in the list.

When you change channels by pressing "P+" or "P-" or entering the channel number, you will always see the I-BAR together with the audio and video of the channel you had selected. See illustration below:



TIP

Not all channels broadcast the program data. If no event name and event time information is available, then "Not available" will be seen on the I-BAR.

Icons are also displayed in the I-BAR if the current program has digital teletext available and if this channel is a favorite channel.

If the channel selected is locked for parental control, you must enter the correct 4-digit code to view the channel. You may press "P+" or "P-" to move to another unlocked channel.

4.4 Adjusting the Volume

Press “**V+** or **V-**” on your remote control to adjust the volume. When you adjust the volume, the volume scale is displayed on the screen. Press “**Mute**” on the remote control to turn the sound off and on again.

The volume level selected will remain set, even when the Set top box is turned OFF and ON again, until it is altered with the “**V+** or **V-**” buttons.



TIP

The volume of your Set top box is independent with your TV set. Take note that both volume controls are in reasonable levels so that when switching from analog to digital television viewing, or when you first turn on your TV set, the audio level will not be too high.

4.5 Digital Teletext

Your Set top box can display digital teletext if the channel you are watching broadcasts digital teletext. Digital teletext may not be only broadcast pictures and sound for programs but also pages of information on the programs, the weather, news and many other topics.

Some channels are designated for digital teletext and carry no normal TV program at all. Therefore, you cannot see any preview of these channels inside the Channel List or EPG. When such channel is selected, after a brief pause, they will usually display the opening page of information automatically.

There are other channels also that have digital teletext pages broadcast with TV program and often included a reduced-size broadcast picture within digital teletext pages. To activate the digital teletext pages, you need to press the “**Text**” button of your remote control.



TIP

Bringing up the I-BAR or pressing any menu stops the Set top box from displaying the digital Teletext pages and are temporarily replaced with a blank picture while the I-BAR or menu is displayed. Digital Teletext cannot be accessed if the Subtitles are enabled.

4.6 Widescreen

TV sets are available with 2 different screen formats, which are standard [4:3] format and widescreen [16:9] format. During your first time installation, you will have specified the format of your TV screen, this can be changed at any time if necessary.

Digital terrestrial television broadcasts are combination of both standard and widescreen formats. In particular, films and dramas tend to be broadcast in widescreen format to closer emulate the cinema experience, but some news bulletins are widescreen. To achieve the best viewing from both TV set and program when a widescreen film is watched on a standard TV, or a standard broadcast is viewed on a widescreen set, your Set top box has the **“Wide”** button for this purpose.

As long as your Set top box has been set up correctly with your TV set, a wide screen program will always be displayed correctly on a widescreen set and a standard format program will correctly fill the screen of a standard format TV.

With a widescreen TV set displaying a standard format program, the **“Wide”** button switches between displaying the picture with black bars down the sides, and enlarging the picture so that it fills the whole width of the screen but the top and bottom are cropped off.

With a standard format TV displaying a widescreen program, the **“Wide”** button switches between displaying the picture with black bars at the top and bottom of the screen, and filling the whole height of the screen but cropping the sides off according to instructions broadcast with the program. It is called as “pan and scan.”

The effect of the **“Wide”** button on the picture display is cancelled by pressing the **“Wide”** button again, changing channel or turning the Set top box to standby.

5. Menu Settings Of Your Set Top Box

5.1 Channel List

Channel List displays the complete list of channels available in pages of 10 channels at a time with its corresponding channel list number and a favorite icon, if applicable. Here, you can also see the preview of any channel stored by your Set top box before viewing it in full screen.

Use the “▲” or “▼” buttons, to highlight the required channel. The “▲” or “▼” buttons can be used to move forward or back a complete page (10 channels) at a time. Pressing “Select” button will change the preview to show the highlighted channel.

To bring up the Channel List Menu, follow the steps below:

- ❑ Press “Menu” button on your remote control.
- ❑ Press “▲” or “▼” to highlight Channel List and then press “Select” button.

Channel List can be altered or amended to remove any unwanted channels and to suit to your own preferences. You can edit the name of the channels as it appears in the list and on-screen, lock a channel to prevent them being viewed by children and setup your favorite channels.



Selecting a Channel

- ❑ Press “▲” or “▼” to highlight a channel to view.
- ❑ Press “◀” or “▶” to highlight SELECT at the bottom of the screen.
- ❑ Press “Select.” The highlighted channel will now appear in the screen preview and you can watch this channel by pressing the “Menu” button.

Deleting a Channel

The Delete function is quite helpful when there are duplicated channels in the list or other channels that you do not want in the list.

- ❑ Press “▲ or ▼” to highlight the channel to be deleted.
- ❑ Press “◀ or ▶” to highlight DELETE at the bottom of the screen.
- ❑ Press “Select.”

Editing Channel Name

- ❑ Press “▲ or ▼” to choose the channel to be renamed.
- ❑ Press “◀ or ▶” to highlight EDIT NAME at the bottom of the screen.
- ❑ Press “Select.” The highlighted channel name will now appear on the right screen with the first 15 characters highlighted by a cursor. See figure below:



- ❑ Press “◀ or ▶” to highlight a character to change.
- ❑ Press “▲ or ▼” to cycle through the alphabet, numbers or any characters available.



TIP You may enter the channel name using the numeric buttons in your remote control. Each number represents several letters and pressing the button several times will enter each letter (both upper and lower case), and the number, in turn, in the character position marked by the cursor. The zero button represents all the punctuation marks available and a blank space.

- ❑ After the required changes have been made, press “Select” to store the new channel name and return to the Channel List screen.
Pressing the “Menu” button, it will cancel the changes made and restore the original channel name.

Channel Lock

Channel Lock allows the parents to prevent younger members of the family to watch. Any channel can be “locked” so that it cannot be selected for viewing without a 4-digit PIN code being entered. In this way, any channel not suitable for younger viewers can be protected.

- ❑ Press “▲ or ▼” to choose the channel to be locked.
- ❑ Press “◀ or ▶” to highlight LOCK at the bottom of the screen.
- ❑ Press “**Select.**” After which, an on-screen display requesting for a 4-digit PIN code will be prompted. Use the numeric buttons from your remote control to enter the PIN code.



TIP

The PIN is set at factory to **0000**. You must change this PIN code to another number as soon as possible. Remember to keep a note of your new PIN Code in a secure place.

- ❑ After it is verified, a lock icon will be displayed beside the channel name in the Channel List.



Note: To remove the lock on a channel, repeat the same procedure in locking a channel.

Favorite Channels

There are some channels that you tend to watch more often and some only occasionally. The Favorite mode allows the most-watched channels to access more easily, leaving less watched channels accessible but out of the way.

- ❑ Press “◀ or ▶” to highlight FAVORITE at the bottom of the screen.
- ❑ Press “▲ or ▼” to highlight the channel to be labeled as favorite.
- ❑ Press “**Select.**” After which, a favorite icon “☺” will appear in the Main Channel List against the channel name.

When the Favorite mode is activated, pressing “P+ or P-” will only step through the favorite channels. Other channels can still be accessed by entering the channel number or from the Channel List menu screen.



TIP

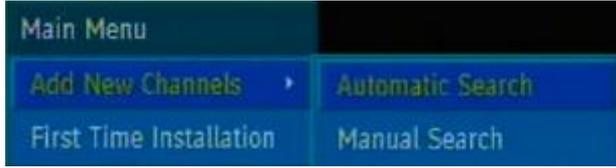
The Favorite mode can be activated only if one or more channels are marked as favorite in the Channel List. It will be automatically turned OFF if the favorite status is removed from all channels in the Channel List.

5.2 Installation

Although your GDB 400 DVD will not lose its settings or stored channels when switched off, you may wish to re-install your Set top box. These maybe because the broadcast frequencies had changed, reinstate a channel previously deleted from the channel list, or you want to watch the new channels that have started broadcasting.

To bring up the Installation Menu, follow the steps below:

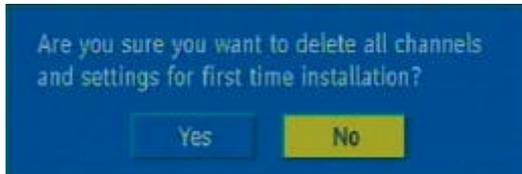
- ❑ Press “Menu” button from your remote control.
- ❑ Press “▲ or ▼” to highlight Installation and then press “Select” button.



You can either perform a First Time Installation, which will reset your Set top box to its factory settings and then automatically search or simply search channels either automatic search or manual search.

First Time Installation

- ❑ Press “▲ or ▼” to highlight First Time Installation.
- ❑ Press “Select.” A warning message will be displayed on the screen. See below:

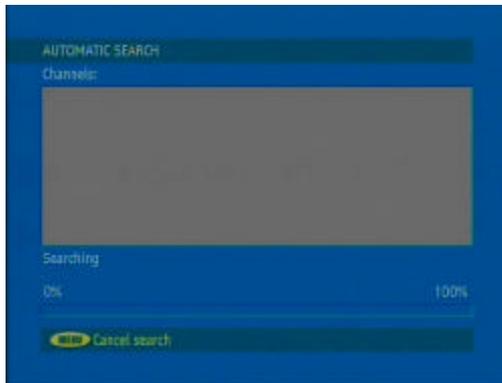


- ❑ Press “◀ or ▶” to highlight YES button and press “Select” to erase all channels and settings and switch the Set top box to standby mode.

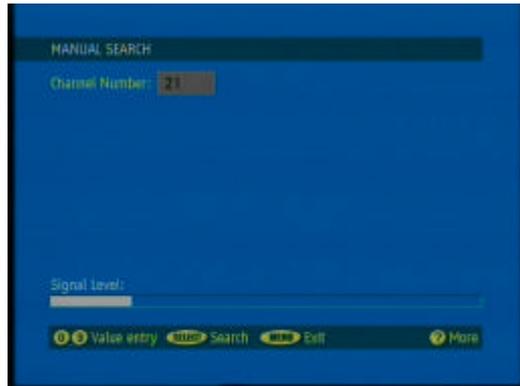
Add New Channels

- ❑ Press “▲ or ▼” to highlight Add New Channels.
- ❑ Press “▶” to display the options.
- ❑ Press “▲ or ▼” to choose Automatic Search or Manual Search.

Automatic Search will search all broadcast frequencies for free-to-air channels. The channel found duplicates those already in the channel list, they are not stored again nor overwrite the existing channels in the list and so name changes in the list are not altered by the automatic search.



Manual Search is searching one specified broadcast frequency only for any channels to be found in that specific frequency. The frequency channel number (21 ~ 68) is entered in the box at the upper left portion of the screen. The signal level and quality can be seen at the bottom of the screen.



- ❑ Press “**Select**” to confirm Channel Search.



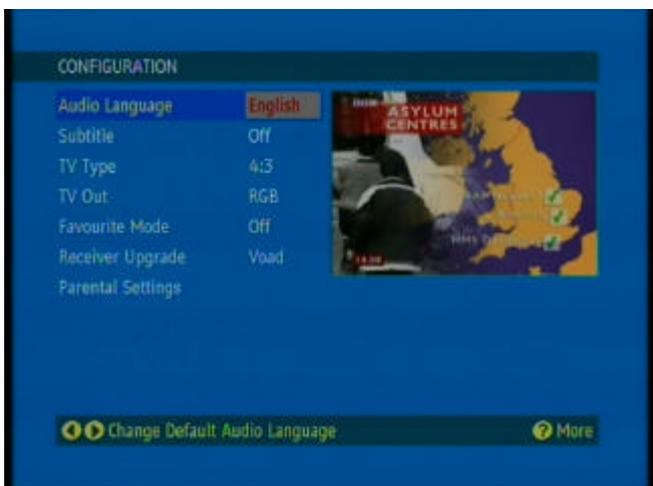
Note: For Automatic Search, Channels with those already stored in the Channel List will be ignored. However, the Manual Search will find all the channels on the broadcast frequency.

5.3 Configuration

Configuration allows you to configure different aspects in your Set top box such as Audio Language, Subtitle, TV Type, TV Out, Favorite Mode, Receiver Upgrade and Parental Settings.

To bring up the Installation Menu, follow the steps below:

- ❑ Press “**Menu**” button from your remote control.
- ❑ Press “**▲** or **▼**” to highlight Configuration and then press “**Select**” button.



Audio Language

This function enables you to set the default language soundtrack for those channels broadcasting with multiple soundtracks.

- Press “▲ or ▼” to highlight Audio Language.
- Press “◀ or ▶” to change the default audio language.

Subtitle

This function enables you to display the subtitles on the screen for those channels broadcasting with subtitle information.

- Press “▲ or ▼” to highlight Subtitle.
- Press “◀ or ▶” to select subtitle language or OFF to disable subtitle.

TV Type

This function enables you to set the screen format of the TV set connected so that those broadcast programs are displayed correctly.

- Press “▲ or ▼” to highlight TV Type.
- Press “◀ or ▶” to select Normal 4:3 or widescreen 16:9.

TV Out

This function enables you to select the output of your Set top box either RGB or CVBS signal from the TV Scart on the rear panel. The RGB format may give better results on picture quality but not all equipment, like VCRs, can cope with RGB signal.

- Press “▲ or ▼” to highlight TV Out.
- Press “◀ or ▶” to select RGB or CVBS.

Favorite Mode

This function allows you to enable or disable the favorite channel list mode.

- Press “▲ or ▼” to highlight Favorite Mode.
- Press “◀ or ▶” to switch ON or OFF.



Note: If no Favorite Channels set, you cannot change any settings for Favorite Mode.

Receiver Upgrade

This function allows you to enable or disable automatic download to upgrade the software version of your decoder. Alternatively, you can also the manual search for new version.

Over Air Download: To ensure that your digital receiver always has the most up to date information. Please ensure that after use it is set to its standby mode. The GDB 400 DVD automatically powers up at 3AM each day and searches for any

new information which may be broadcast and will download this to your box automatically. This operation will normally take approximately 30 seconds.

If you have an important recording to make at 3AM, which must not have a 30-second interrupt, then you can disable the auto OAD search by performing the following:

- ❑ Press “Menu” button and using “▲ or ▼” buttons to highlight Configuration and press “Select” button.
- ❑ Using “▲ or ▼” buttons to highlight Receiver Upgrade.
- ❑ Using “◀ or ▶” buttons to change function from Enable to Disable.
- ❑ Press “Select” button then “Menu” and “Menu” to return to normal operation.

Do not forget to re-enable the automatic OAD function after you have made your recording by repeating the above instructions but this time selecting ENABLE.

Parental Settings

This function allows you to enable or disable the menu protection system and to change the PIN code.



- ❑ Press “▲ or ▼” to highlight Parental Settings.
- ❑ Press “Select.” Parental Lock Key will be prompted.
- ❑ Use the numeric buttons to enter the Lock key.
- ❑ Press “▲ or ▼” to highlight Menu Lock or Set Lock Key.
- ❑ If Menu Lock is highlighted, press “◀ or ▶” to switch which menu to be locked or disable menu lock.

Menu Lock is provided to lock some menus since simply locking a channel will not deflect a determined would-be viewer. Re-installing the complete channel list, for example, will bypass the channel lock.

If Main Menu is lock, it will lock out the complete menu system; the Installation Menu setting locks only the Installation Menu, and the Disabled setting allows free access to any menus.

- ❑ If Set Lock Key is highlighted, press “Select” to change the lock key. Use the numeric buttons to enter the new lock key. Enter it again to confirm.

If you want the channel and menu locks to work efficiently and actually protect channels from access, do change the PIN code from the factory default. Make sure that you choose a number that is not obvious to others but one that can be remembered by you. The default lock code is “0000.”

- ❑ Press “Menu” to go back to Configuration Menu.

After setting the Menu Lock and Set Lock Key, any attempt now to access the locked menus will display the PIN request window and the menus will be displayed on entry of the correct PIN code.

5.4 Timers

Timers allow you to automatically switch your Set top box to any channel without any intervention. If you are watching a timer event that you have set and you try to change channel or access menu, a pop up box will appear displaying “This program has not ended yet. Do you want to cancel timer?” If you wish to end this timer select “YES” otherwise select “NO” and the timer will continue. You can set up to five separate events on the Timer screen. If you wish to cancel a timer before it starts change the mode to “inactive” on the timer page.

Timers are also intended for making video recordings of programs when you are out. If a single program is to be recorded, the Set top box can be left switched to the required channel and the timer set on the VCR. However, if two or more programs on different channels are to be recorded then the Set top box’s own timer is set as well, to select the required channel when it is needed.

To bring up the Timer Menu, follow the steps below:

- ❑ Press “**Menu**” button from your remote control.
- ❑ Press “**▲** or **▼**” to highlight Timers and then press “**Select**” button.



How to Set an Event Timer

- ❑ Press “**▲** or **▼**” to choose an event.
- ❑ Press “**Select**” to display the timer window.
- ❑ Press “**◀** or **▶**” to select channel name. Press “**▲** or **▼**” to proceed.
- ❑ Use the numeric buttons to enter the date and time.
If an invalid number for the start or end times or date is entered, the highest valid number is automatically entered in its place. So entering 29:45 as the time will automatically change to 23:45, and a date of 10:16:2002 will change to 10:12: 2002.
- ❑ Press “**◀** or **▶**” to determine the frequency mode whether once, daily or weekly. This indicates how often the Set top box operates event timer.
- ❑ Press “**Select**” to apply the changes made.

5.5 Language

Language allows you to select which language soundtrack you wish to hear for programs that are broadcast in two or more languages.

To bring up the Language Menu, follow the steps below:

- ❑ Press “**Menu**” button from your remote control.
- ❑ Press “**▲** or **▼**” to highlight Language and then press “**Select**” button.

5.6 Electronic Programme Guide (EPG)

The Electronic Programme Guide or EPG is not part of the Main Menu. It can be accessed through pressing directly “**G**” button from your remote control. Like the Channel List, the EPG screen displays a list of stored channels (in pages of 6 channels) along with the event schedules and other information on the programs broadcast.

Inside the EPG, you can see the preview of the currently tuned channel and a detailed event description of either for current event or next event depending on which event is highlighted. If the channel you have been viewing is a digital teletext channel then no picture will appear in the screen preview.

The channels are listed at the bottom of the screen, each with the “Current Event” and the “Next Event.” When the EPG screen is first displayed, the last watched channel is highlighted in the list of channels.



TIP

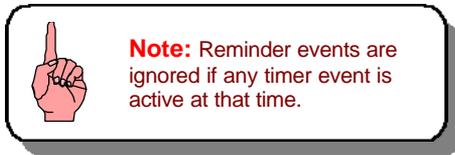
Some channels do not broadcast the program information data, in this case, you cannot see the current and next event schedules inside the EPG screen.



If the highlighted event is the “Current Event,” pressing the “▶” button will shift you to the “Next Event” and the detailed event description for the next event will be displayed in the text window.

If the event description is too long to fit in the text window beside the screen preview, scroll bar will appear on the right hand of the window and the text can be scrolled up or down using “Yellow” and “Blue” buttons on the remote control.

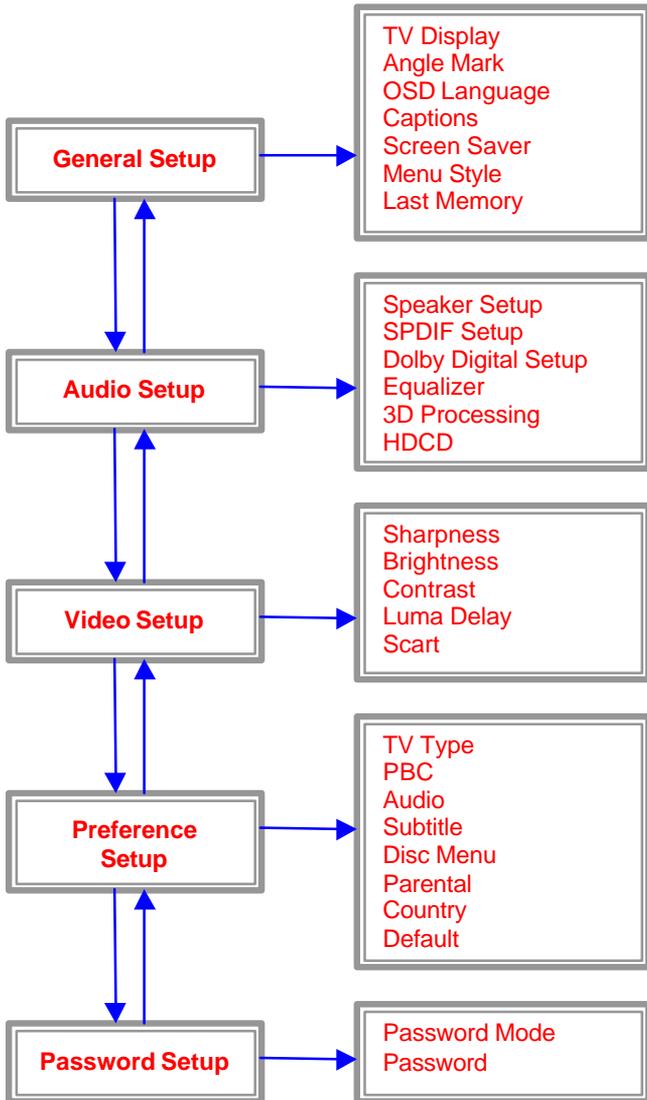
EPG also includes the reminder function. Reminder will change the service to the selected one when the program starts. It should be set before the next event will start or before your favorite program will start. To set a reminder, press “Select” button while the next event details are displayed. A reminder icon will then be displayed beside the event name and later a reminder screen will be prompted on your screen over the picture of the channel being viewed. Press “◀ or ▶” to highlight YES or NO followed by “Select” to confirm. If YES is selected, the Set top box will change to the channel for which the reminder was set.



To return to current event, press “◀,” press “Menu” or press “G” button to return to TV mode.

6. Using Your DVD

6.1 Setup Menu



Note: Preference Setup can only be accessed in STOP mode.

6.2 Basic Play

- ◆ **Getting started with your Set top box with DVD video player**
 - ❑ Turn on the TV Set. Switch the input mode to VIDEO IN with the TV remote control.
 - ❑ If any amplifier is connected, turn on the amplifier and select its corresponding mode according to your Set top box with DVD player.
 - ❑ Turn on the Set top box by pressing the “**Power**” button.
*If the unit is in Set top box mode, press the “**Function**” button to change to DVD mode.*
 - ❑ Press “**OPEN/CLOSE**” on the front panel to open the disc tray.
If the disc tray is ejected already, insert the disc with label-side upward into the disc tray.
 - ❑ Press “**Play**” to start viewing.

- ◆ **Normal Operations when your DVD starts playing**
 - ❑ To pause viewing, press “▶||” button. Press it again to return to normal playback.
 - ❑ To disable the audio of your DVD player, press “**Mute**” button. Press it again to resume the audio.
 - ❑ To adjust the volume of your DVD player, press “**V+**” and “**V-**” buttons.
 - ❑ When you have finished viewing, press “■” button.
 - ❑ Press “**OPEN/CLOSE**” to open the disc tray. Remove your disc.
 - ❑ Press “**OPEN/CLOSE**” to close the disc tray after removing the disc.
 - ❑ Press “**Power**” to turn off your Set top box with DVD player.



TIP

- ❑ If the picture is not full-screen during playback or the edge part is covered or picture is in black and white, you need to change your video mode settings. Select the corresponding TV system whether NTSC or PAL.
- ❑ If a wrong symbol appears on your TV screen when pressing any buttons, it means that the operation is invalid or not applicable (for the disc you are playing).

6.3 Ordinary Play

- ◆ **Selecting program in the Menu**
If the disc has a Menu, press “**Title**” button to bring up the root menu. Depending on the discs, it usually has the following options: Play Movie, Chapter, Audio and Subtitle. If these options are present, press “▲/▼/◀/▶” to choose and then press “**Select**.”

- ◆ **Fast forward playback**
Press “▶▶” button to skip forward a chapter.

- ◆ **Fast reverse playback**
Press “◀◀” button to skip back a chapter.

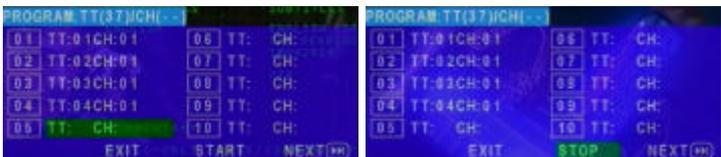
6.4 Additional Operations

Edit the sequence of playing

- ❑ Using the “**Program**” button, you can edit the sequence of playing the chapter or track.
- ❑ To stop the program function, press “**Program**” again and use arrow buttons to highlight STOP then press “**Select**.”

◆ DVD

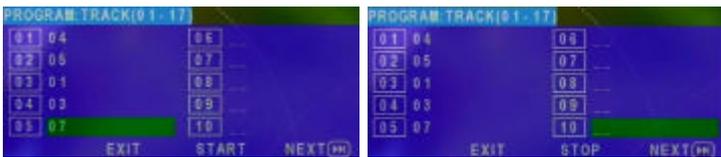
- ❑ Press the “**Program**” button to display the screen. You can see the Title and Chapter number on top.



- ❑ Press the numeric key to choose the title number and chapter number.
- ❑ Use the arrow buttons to highlight START then press “**Select**.” You can now begin to playback the program list.

◆ CD

- ❑ Press the “**Program**” button to display the screen. You can see the Track number on top.



- ❑ Press the numeric key to choose the track number.
- ❑ Use the arrow buttons to highlight START then press “**Select**.” You can now begin to playback the program list.

Playing an MP3 disc

The MP3 disc is a large capacity disc that appears in recent years containing CD audio programs.

- ❑ When loading an MP3 disc to the disc tray, an on-screen display will appear.
- ❑ Under this picture, you can operate as follows:
 - ◆ Press “**▲/▼/◀/▶**” button to select the desired program then press “**Play**” button to play the selected track.
 - ◆ If the MP3 disc contains multi-file directories, press “**■**” button first. Then press “**Program**” button to bring up the MP3 file menu on the TV screen.
 - ◆ Press “**▲/▼/◀/▶**” button to select the desired file directory and press “**Play**” button to list the tracks in the selected directory. At this moment, press “**▲/▼/◀/▶**” button to the desired program then press “**Play**” button to play the selected song.

NOTES:

*During playback, press “**◀◀**” or “**▶▶**” button to play the previous or next track. Press “**Stop**” button to return to menu mode.*

Viewing a disc with a JPEG format

You can read the JPEG format photo recorded from CD-R or CD-RW to preview the picture.

◆ **Basic Playback**

- ❑ When the CD-R/ CD-RW with the JPEG picture is playing, there is main folder list on the left of the screen and file list on right of the screen. Use the arrow buttons to select the folder and picture file you want to start.
- ❑ Press “**1/ALL**” button to select the play mode as below:

FOLDER:	Display the pictures that are in the same folder once.
SINGLE:	Display the selected picture once.
REPEAT ONE:	Display the picture repeatedly.
REPEAT FODLER:	Display the pictures that are in same folder repeatedly.
- ❑ Move the highlight to selected picture list on the right frame then press “**Select**” to start to display the picture.
- ❑ The display will change to the next picture automatically in few seconds.

◆ **Photo Display Control (PDC)**

To preview, press “**■**” button during playback. There will be 12 small pictures on screen in each interchanged page.

- ❑ Press “**▶▶**” button to stop the interchange of picture. It will continue to display if press the “**◀◀**” or “**▶▶**” button.
- ❑ During playback, press “**▲**” to invert the picture.
- ❑ During playback, press “**▼**” to mirror the picture.
- ❑ During playback, press “**◀**” to rotate counter clockwise the picture.
- ❑ During playback, press “**▶**” to rotate clockwise the picture.

To zoom in our zoom out the picture, press “**ZOOM**” button first. Then:

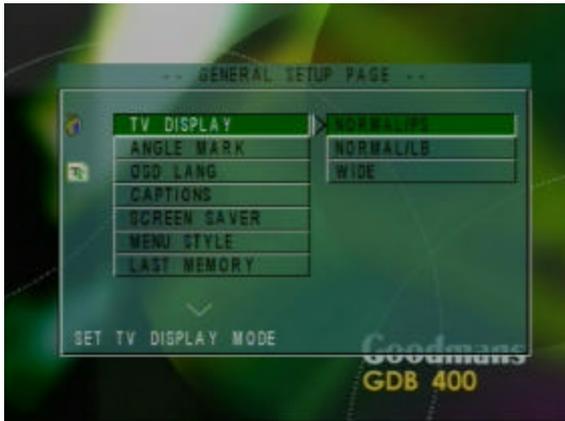
- ❑ Press “**▶▶**” button to enlarge the picture by 125%, 150% or 200% from its original size.
- ❑ Press “**◀◀**” to zoom out the picture by 75% or 50% from its original size.
- ❑ To move the picture [pan up, down, left or right], press “**▲ / ▼ / ◀ / ▶**” button. This can be done only when the picture is enlarged.

During playback, press the “**Program**” button to select the 17 interchanged modes.

6.5 Menu Settings of your DVD

General Setup Menu

Press “Menu” button to bring up the Main Page of the Setup Menu. Place the highlight in ‘General Setup’ then press ‘Select’ button. To exit from the Menu, place the highlight in “Exit Set-Up” or press “Menu” button again.



□ TV DISPLAY

This function selects the different ratio of display format and the screen of TV.

1. When “TV Display” is highlighted, press “▶” button to select from the options.
2. Press “▲ or ▼” button to choose the TV display from 3 different types: 4:3 pan-scan, 4:3 letterbox or 16:9 wide screen.
3. Press “◀” to go back to TV Display.

□ ANGLE MARK

1. When “Angle Mark” is highlighted, press “▶” button to select from the options.
2. Press “▲ or ▼” button to turn ON or OFF the Angle Mark.
3. Press “◀” to go back to Angle Mark.

If Angle Mark is ON, it allows you to select a camera angle when viewing DVDs with the multi-angle option. Press “Angle” button during playback. The camera angle changes each time you press the button. You can only use the multi-angle function only with discs featuring recorded images shot from different camera angles.

□ OSD LANGUAGE

This function allows you to select the language for the setup menu or the operation message display. The available OSD languages are English and German.

1. When “OSD Lang” is highlighted, press “▶” button to select from the options.
2. Press “▲ or ▼” button to choose the desired language.
3. Press “◀” to go back to OSD Language.

□ CAPTIONS

DVD includes support for NTSC Closed Captions. Closed Captions (CC) is a standardized method of encoding text into an NSTC television signal. A TV can display the text with a Built-in decoder or by a separate decoder. If a DVD title contains a  mark on the rear of the

box, then you can set the Captions to “ON” and read written captions on TV screen. Captions are commonly refer also as an onscreen text specifically designed for hearing-impaired viewers.

1. When “Captions” is highlighted, press “▶” button to select from the options.
2. Press “▲ or ▼” button to turn ON or OFF the closed captions.
3. Press “◀” to go back to Captions.

❑ SCREEN SAVER

Screen saver can be activated, to prolong the TV screen’s life, after the DVD mode has been idle for several minutes.

1. When “Screensaver” is highlighted, press “▶” button to select from the options.
2. Press “▲ or ▼” button to turn ON or OFF the screen saver.
3. Press “◀” to go back to Screen Saver.

CAUTION: It is not recommendable to leave the still video image or OSD displayed on your TV for a very long time. This may cause a permanent damage to your TV screen.

❑ MENU STYLE

This function allows you to select which type of menu style that you want the menu setup appears like.

1. When “Menu Style” is highlighted, press “▶” button to select from the options.
2. Press “▲ or ▼” button to choose menu style as type 1 or type 2.
3. Press “◀” to go back to Menu Style.

❑ LAST MEMORY

This function allows you to continue viewing a disc from the point where you were watching before. Last Memory is also effective even if the DVD is removed from the player.

1. When “Last Memory” is highlighted, press “▶” button to select from the options.
2. Press “▲ or ▼” button to turn the last memory state ON or OFF.
3. Press “◀” to go back to Last Memory.

Audio Setup

Press “Menu” button to bring up the Main Page of the Setup Menu. Place the highlight in “Audio Setup” then press “Select” button. To exit from the Menu, place the highlight in “Exit Set-Up” or press “Menu” button again.

- ❑ Press “▲ or ▼” to select any sub-menu in the Audio Setup Menu. See the following on-screen display:



- ❑ Press “**Select**” to choose any of the sub-menus.
- ❑ To return to the Main Menu, press “**▼**” until “**Main Page**” is highlighted and press “**Select**.”

NOTES:

1. Analogue and digital audio signals cannot be output simultaneously.
2. Do not play the Dolby Digital or MPEG audio sound tracks on an audio component without having a built-in Dolby Digital or MPEG audio decoder. Otherwise, when you play the Dolby Digital or MPEG audio sound track, a loud noise will come out from the speakers, affecting your ears or causing the speakers to be damaged.
3. This player has a conversion function for converting Dolby Digital and MPEG audio into the LPCM format. This allows playback of CDs with the regular playback system without the need for a special converter.

➤ **Speaker Set-Up**

There are two available items: *Down mix and Dialog*

1. Press “**▲** or **▼**” button to highlight any option.
2. To return to Audio Setup, press “**▼**” until “**Audio Setup**” is highlighted and press “**Select**.”

❑ **Down Mix**

This option sets the front speakers to LT/RT or STEREO. It allows you to enjoy a surround sound effect with only 2 speakers.

- Highlight DOWN MIX then press “**▶**” button to select from the options.
- Press “**▲** or **▼**” button to choose settings for down mix mode.
 LT/RT = Left/ Right down mix
 STEREO = Stereo down mix
- Press “**◀**” to go back to Down Mix.

❑ **Dialog**

This option allows you to enhance the ‘voice’ of the speaker.

- Highlight DIALOG then press “**▶**” button to select from the options.
- Press “**▲** or **▼**” button to set DIALOG from minimum level to maximum level.
- Press “**◀**” to go back to DIALOG.

➤ **SPDIF Set-Up**

There are two available items: *SPDIF Output and LPCM Out.*

1. Press “**▲** or **▼**” button to highlight any option.
2. To return to Audio Setup, press “**▼**” until “**Audio Setup**” is highlighted and press “**Select**.”

❑ **SPDIF Output**

This option sets the SPDIF output as OFF, RAW or PCM. Below are the descriptions for each option settings:

OFF [SPDIF output off]: An analogue surround sound format is output through the rear panel connections for L, R, LS, RS, and Center speakers, and the Subwoofer simulation.

RAW [Raw data via SPDIF]: This surround sound format is output to a Dolby Digital decoder through the optical and coaxial connectors on the rear panel of the unit.

PCM [PCM data via SPDIF]: This surround sound format is output to a Dolby Digital decoder through the optical and coaxial connectors on the rear panel of the unit.

- Highlight SPDIF OUTPUT then press “▶” button to select from the options.
- Press “▲ or ▼” button to select from the options.
- Press “◀” to go back to SPDIF Output.

□ **LPCM Out**

This options sets the audio format sent using the unit’s coaxial digital audio output. It can be set as 48K or 96K. “48K” means the digital audio output maximum sampling rate is 48KHz; therefore when the title’s encoding sampling rate is 96KHz, the output will be forced converted to 48KHz. If “96K” is selected, then the maximum output sampling is 96KHz and no conversion will take place.

- Highlight LPCM OUT then press “▶” button to select from the options.
- Press “▲ or ▼” button to set Linear PCM output as 48K or 96K.
- Press “◀” to go back to LPCM Out.

➤ **Dolby Digital Set-Up**

There are two available items: Dual Mono and Dynamic.

1. Press “▲ or ▼” button to highlight any option.
2. To return to Audio Setup, press “▼” until “**Audio Setup**” is highlighted and press “**Select.**”

□ **Dual Mono**

There are two available modes: STEREO and MIX-MONO. See table below for audio output description:

MODE	Left Speaker	Right Speaker
STEREO	Stereo – L	Stereo – R
MIX-MONO	L-Mono + R-Mono	L-Mono + R-Mono

- Highlight DUAL MONO then press “▶” button to select from the options.
- Press “▲ or ▼” button to select from the options.
- Press “◀” to go back to Dual Mono.

□ **Dynamic**

Dynamic Range is the difference between the maximum level and the minimum level of sounds. When Dynamic Range is on, soft sounds such as dialog can be heard more clearly without making the loud sounds even louder. This is generally used when playing high volume programs at night, in order not to disturb the neighbors.

- Highlight DYNAMIC then press “▶” button to select from the options.
- Press “▲ or ▼” button to set the dynamic range compression to 2/8, 4/8, 6/8 or Full. You can also set to OFF, which means there is no effect on the audio source.
- Press “◀” to go back to Dual Mono.

➤ **Equalizer**

Equalizer function enables you adjust or preset the loudness of audio components (bass, treble, etc...)

1. Press “▶” button to preset value then press “▲ or ▼” button to select from the options.
2. Press “◀” to go back to Preset.
3. To return to Audio Setup, press “▼” until “**Audio Setup**” is highlighted and press “**Select.**”

➤ 3D Processing

In 3D processing, the available option is Reverb Mode. This option sets the surround effect to stimulate different places for listening the sound.

1. Press “▲ or ▼” button to highlight any of the sub-menus.
2. Press “▶” button to make any settings.
3. Press “◀” to go back to the current sub-menu
4. To return to Audio Setup, press “▼” until “**Audio Setup**” is highlighted and press “**Select.**”

➤ HDCD Set-Up

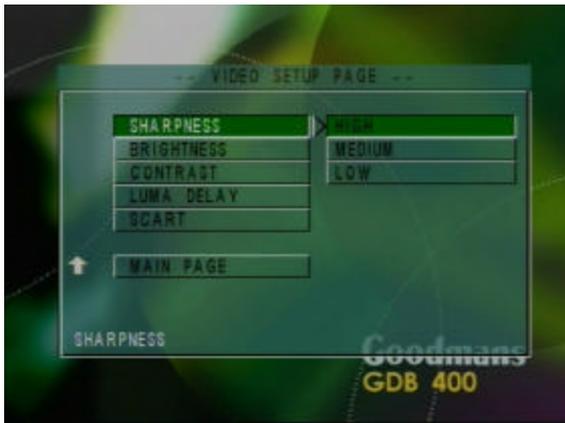
HDCD (High Definition Compatible Digital) is a digital encoding and decoding process for compact disc and DVD audio recording.

1. Press “▶” button to filter HDCD then press “▲ or ▼” button to select from the options.
2. Press “◀” to go back to Filter.
3. To return to Audio Setup, press “▼” until “**Audio Setup**” is highlighted and press “**Select.**”

Video Setup

Press “**Menu**” button to bring up the Main Page of the Setup Menu. Place the highlight in “**Video Setup**” then press “**Select**” button. To exit from the Menu, place the highlight in “**Exit Set-Up**” or press “**Menu**” button again.

- ❑ Press “▲ or ▼” to select any sub-menus in the Video Setup Menu. See the following on-screen display:



- ❑ Press “**Select**” to choose any of the sub-menus.
- ❑ To return to the Main Menu, press “▼” until “**Main Page**” is highlighted and press “**Select.**”

➤ Sharpness

This option sets the sharpness level of video output.

- Highlight SHARPNESS then press “▶” button to select from the options.
- Press “▲ or ▼” button to set the sharpness of the video as HIGH, MEDIUM or LOW.
- Press “◀” to go back to Sharpness.

➤ Brightness

This option sets the brightness level of video output.

- Highlight BRIGHTNESS then press “▶” button to select from the options.

- Press “▲ or ▼” button to adjust the video brightness.
- Press “◀” to go back to Brightness.

➤ Contrast

This option sets the contrast level of video output.

- Highlight CONTRAST then press “▶” button to select from the options.
- Press “▲ or ▼” button to adjust the video contrast.
- Press “◀” to go back to Contrast.

➤ Luma Delay

This option sets the luminance delay of video output depending on the TV's brightness color

- Highlight LUMA DELAY then press “▶” button to select from the options.
- Press “▲ or ▼” button to adjust the Luma Delay to 0 or 1.
- Press “◀” to go back to Luma Delay.

➤ SCART

This option sets Scart output of the unit.

- Highlight SCART then press “▶” button to select from the options.
- Press “▲ or ▼” button to set the Scart output as Video or RGB.
- Press “◀” to go back to Scart.

Preference Setup

Preference Setup allows you to set the default Audio, Subtitle, Disc Menu, Parental, Password and factory Defaults of the player.

Press “Menu” button to bring up the Main Page of the Setup Menu. Place the highlight in “Preference Setup” then press “Select” button. To exit from the Menu, place the highlight in “Exit Set-Up” or press “Menu” button again.



Note: Preference Setup can only be accessed in STOP mode

□ TV TYPE

This function enables you to set the correct video standard of the DVD player that will correspond to what format the disc is designed for.

1. When “TV Type” is highlighted, press “▶” button to select from the options.
2. Press “▲ or ▼” button to choose TV Type as PAL, Multi or NTSC.
3. Press “◀” to go back to TV Type.

❑ **PBC**

PBC (Playback Control) refers to signals recorded on a Video CD (V2.0) enabling playback control. When PBC is ON, pressing STOP button will go back to PBC Menu. However, there are some discs that even when STOP button is pressed, it will not go back to PBC Menu and a symbol will appear on your screen. The PBC operation may only exist in those specific discs. When PBC is OFF, pressing STOP button will stop playback of the disc.

1. When "PBC" is highlighted, press "▶" button to select from the options.
2. Press "▲ or ▼" button to turn ON or OFF the PBC.
3. Press "◀" to go back to PBC.

❑ **AUDIO**

This function enables you to choose the language for your preferred audio setting.

1. When "Audio" is highlighted, press "▶" button to select from the options.
2. Press "▲ or ▼" button to choose the desired language for Audio.
3. Press "◀" to go back to Audio.

❑ **SUBTITLE**

This function enables you to choose the language for your preferred default subtitle setting.

1. When "Subtitle" is highlighted, press "▶" button to select from the options.
2. Press "▲ or ▼" button to choose the desired language for Subtitle.
3. Press "◀" to go back to Subtitle.

❑ **DISC MENU**

This unit supports eight disc menu languages.

1. When "Disc Menu" is highlighted, press "▶" button to select from the options.
2. Press "▲ or ▼" button to choose the desired language for Disc Menu.
3. Press "◀" to go back to Disc Menu.

❑ **PARENTAL**

This function enables you to limit the playback of some discs that contain mature scenes. The limitation varies from disc to disc; when it is activated, playback is completely prohibited. There are eight levels of parental setting of this unit.

1. When "Parental" is highlighted, press "▶" button to select from the options.
2. Press "▲ or ▼" button to choose the parental rate.
3. Press "◀" to go back to Parental.

Note: When you want to change the parental rating level, you will be asked to enter a password. The default factory set password is "NULL" which means there is no initial password for first time setting.

❑ **COUNTRY**

For GDB 400 DVD, it is fixed to GBR [Great Britain].

❑ **DEFAULT**

This function enables you to return to the default settings and disregard any changes made.

1. When "Default" is highlighted, press "▶" button to select from the options.
2. Press "▶" button to load the factory settings.
3. Press "◀" to go back to Default.

Password Setup

Press “Menu” button to bring up the Main Page of the Setup Menu. Place the highlight in “Password Setup” then press “Select” button. To exit from the Menu, place the highlight in “Exit Set-Up” or press “Menu” button again.



❑ PASSWORD MODE

This function enables you to activate or de-activate the password.

1. When “Password Mode” is highlighted, press “▶” button to select from the options.
2. Press “▲ or ▼” buttons to turn ON or OFF the password.
3. Press “◀” to go back to Password Mode.

❑ PASSWORD

This function enables you to change the 6-digit password. You will be asked to enter the old password before you can enter the new password, and then confirm it.

1. When “Password” is highlighted, press “▶” button to select from the options.
2. Press “▶” button to change the password.
3. Press “◀” to go back to Password.

The default password is “NULL” which means there is no initial password for first time setting.

7. Appendix

7.1 Troubleshooting Guide

If you experience problems with GDB 400 DVD [Set top box and DVD player] or its installation, in the first instance please read carefully the relevant sections of this User Guide and this Troubleshooting section. If this does not help you solve the problem, you can phone the Goodmans Help Line on 02392 391100.

PROBLEM	POSSIBLE CAUSE	WHAT TO DO
Standby Light not ON	Mains lead unplugged. Mains fuse blown.	Check mains lead. Check fuse.
"No Signal" found	Signal leads are loose. Signal cable is damaged or misaligned. Heavy thunderstorms in progress either locally or at transmission point. Faulty installation.	Check & tighten the signal cable connector. Check Signal cable Wait until storm subsides. Contact your service center.
No picture or sound	Tuned to digital teletext channel.	Switch to other channel.
No response to remote control	Set top box OFF. Remote control not aimed correctly. Remote sensor obstructed. Remote control batteries running out.	Plug in and turn ON Set top box. Aim remote control at the front panel. Check any obstructions. Replace remote control batteries
Channel lock code forgotten/misplaced.		Re-install channels to cancel channel lock.
Menu lock code forgotten/misplaced.		Contact Help Line.
Any menu is displayed	Normal Operation. The Set top box is in menu mode.	Press Menu or Exit button on the remote control to return to normal viewing.
Black Screen (TV Set is switched ON)	Normal Operation. The Set top box is in standby mode.	Press power button on the remote control to return to normal viewing.
No digital reception after transferring the Set top box to another room.	Distributions of the signal to the new aerial point maybe low or reduced.	Try to use direct feed from the Aerial.

7.2 Technical Specifications

GENERAL DATA	
Color	<i>Silver</i>
Operating Temperature	<i>+5 ° C to 40 ° C</i>
Supply Voltage	<i>230 ~ 240V AC 50 Hz</i>
Power Consumption	<i>< 30 W</i>
Weight	<i>3.8 Kg</i>
Dimensions (LxWxH)	<i>430x263x60 mm</i>
TUNER INPUT	
RF Input connector	<i>IEC169-2, female</i>
Input Frequency	<i>474 ~ 850 MHz</i>
Input Level	<i>-78 ~ -20 dBm (average power)</i>
Transmission Standards	<i>DVB-T, MPEG-2</i>
DEMODULATOR	
Demodulation	<i>COFDM with 2K / 8K FFT mode</i>
FEC	<i>All DVB modes</i>
OTHERS	
Video Output	<i>2 x SCART (TV SCART: CVBS/RGB; VCR SCART: CVBS)</i>
HiFi Quality Audio Output	<i>2 x RCA / Cinch (L/R)</i>
Digital Audio Output (DVD Player only)	<i>1 x RCA / Cinch (SPDIF)</i>
Serial Data	<i>Connector: 9-pin D-sub, RS232 interface</i>
Disc Type	
Compatible with:	<i>DVD, SVCD, VCD2.0, VCD3.0, MP3 and Compact Disk.</i>
DVD video disc:	<i>12cm / 8cm single side, single layer or double layer</i> <i>12cm / 8cm double side, single layer or double layer</i>
CD, CD-R, CD-RW disc:	<i>12 cm / 8cm</i>

1. First class laser product. Rating labels on the rear of the machine.
2. Danger, when the internal functions are out of order or damaged, opening the cover may cause unseen radioactivity.
It should be kept away from direct light.
3. Caution: Do not open the top cover.
No internal part should be maintained or serviced by the user. Qualified personnel should carry out all such work.



BACK COVER PAGE
[Separate Document]