DENVER®

Digital Set Top Box

Operating Manual

DMB-106HD
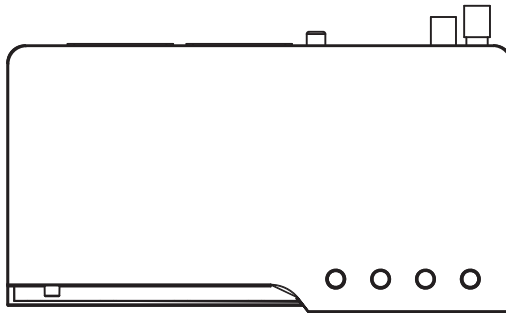
DVB-T PLAYER

DENVER DMB-106HD

● THANK YOU FOR BUYING THE DENVER DMB-106HD.

1.WHEN RECORDING TO USB STICK OR EXTERNAL HARDDISC ON THIS MODEL
, YOU HAVE TO WAIT A FEW SECONDS BEFORE PUSHING REC. AFTER INS
ERTING THE MEDIA. OTHERWISE THE UNIT CAN FREEZE IN THE SIGNAL.
IF THAT HAPPENS, THEN PLEASE TAKE OFF POWER AND CONNECT AGAIN TO
FIX THIS.

2.WHEN DIGITAL AUDIO OUTPUT IS SET TO RAW IT IS FOR USING WITH
SURROUND RECEIVER ONLY. YOU HAVE TO MUTE THE SOUND ON THE TV
WHEN ON THIS MODE, OTHERWISE YOU CAN HAVE SOME NOISE IN THE TV
SPEAKERS.
IF USING ONLY WITH TV, THEN PLEASE MAKE SURE THE AUDIO OUTPUT IS
SET TO PCM.

3.AUTO STANDBY FUNCTION:
THIS FUNCTION SHUTS DOWN AUTOMATICALLY AFTER 3 HOURS IF NO USER
INTERFERENCE HAS BEEN DONE DURING THESE HOURS. 2 MINUTES BEFORE
SHUTDOWN A WARNING MESSAGE WILL BE SHOWN ON THE TV.
AUTO STANDBY FUNCTION ARE PRESET TO ON FROM FACTORY SIDE, BUT
CAN BE TURNED OFF IN THE SYSTEM MENU.

4.WHEN USING AN EXTERNAL HARDDISC, PLEASE MAKE SURE YOU HAVE
FORMATTED IT IN FAT OR FAT32 FILESYSTEM.. NTFS WON'T WORK.
AND THE HARDDISC NEED AN EXTERNAL POWER SUPPLY TO WORK, AS THE
USB PORT WON'T GIVE ENOUGH POWER TO RUN IT PROPERLY.

Safety Instructions

- Always read the safety instructions carefully
- Keep this Instruction Manual for future reference
- Keep this device away from humidity
- Lay this device on a reliable flat surface before setting it up
- Do not stand it on soft furnishings
- The power cable/disconnect device shall remain easy to operate/disconnect.
- If any of the following situation arises, get the Set Top Box checked by a service technician:
  - ✍ It has been exposed to moisture
  - ✍ It has been dropped and damaged
  - ✍ It has obvious sign of breakage
  - ✍ It has not been working well or you cannot get it to work according to the Instruction Manual

Warning

- To prevent the risk of electric shock, do not open the cover or the back of the receiver.
- Do not block the ventilation holes of the device. Leave appropriate gap above and around it to allow for adequate ventilation.
- Do not place the device in an unventilated cabinet or on top of a unit which emits heat.

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Disclaimer

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This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts. When servicing use only identical replacement parts.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or cords.
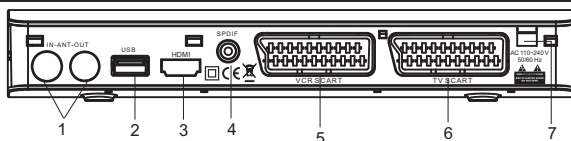
Front Panel
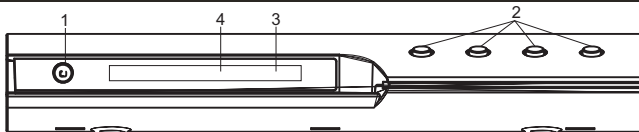
1. Power switch button.
2. PROG-/+、VOL-/+.
3. LED indicator lamp.
4. Remote receive sensor.

Rear Panel

1. RF IN/RF LOOP THROUGH
TV RF IN socket connects to your external aerial.
LOOP THROUGH socket will bypass the input RF signal to another tuner.
2.USB
You can play media file and update software from USB terminal.
3.HDMI OUTPUT
High Definition Multimedia output, supprot up to 1080i format output.
4.SPDIF OUTPUT
Digital audio output.
5.TV SCART OUTPUT
This terminal output CVBS or RGB signal, you can switch it in menu, and the
default setting is CVBS output.
6. VCR SCART OUTPUT/INPUT
In DVB work mode, this terminal output CVBS signal.
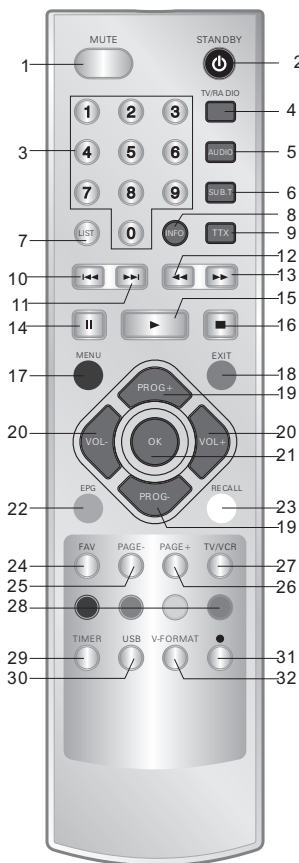When press TV/VCR button in remote control, TV SCART outputs VCR signal;
7. POWER INPUT
Power cord input, and the power supply AC 110~240V
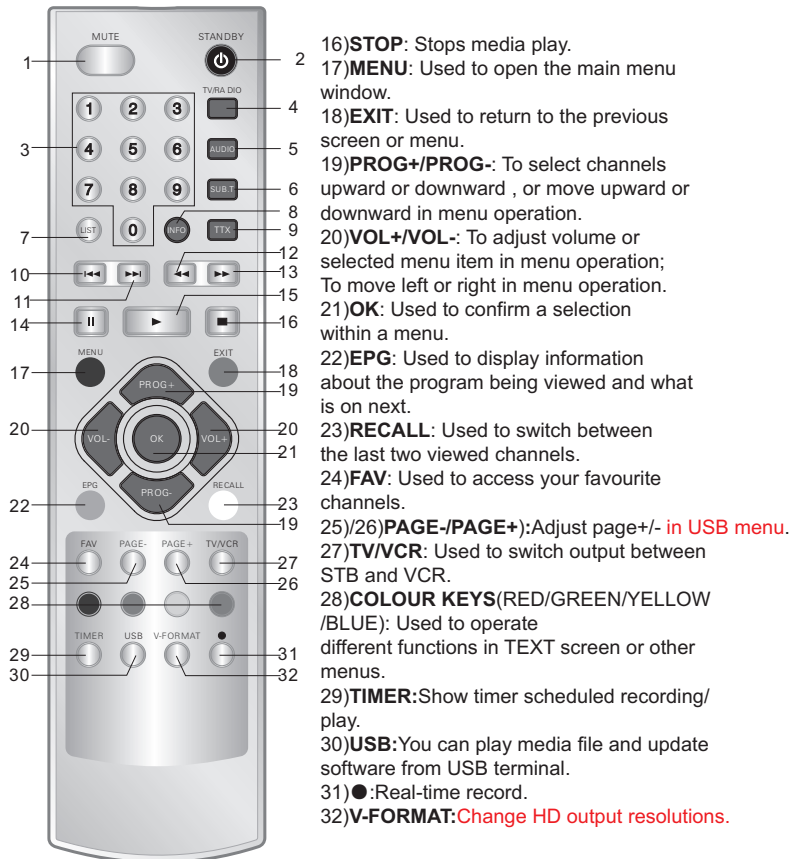The unit will automatic power off at standby mode if no operation is performed
after 3 hours, TV screen will display "power down after 120 seconds" before
unit power off, select exit button by remote control to cancel standby mode.

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1)**MUTE**: Used to turn the sound on or off.
2)**STANDBY**: Used to switch the set top box to on and off.
3)**NUMBER KEYS**: Used to select channel numbers or input numbers in menus.
4)**TV/RADIO**: Used to switch between TV channels and Radio stations.
5)**AUDIO**: Used to set the sound output, the available settings are STEREO, LEFT, RIGHT, MONO.
6)**SUB.T**: Used to switch between different subtitles that are broadcasted.
7)**LIST**: To display the channel list.
8)**INFO**: Used to display information about the channel being viewed.
9)**TTX**:TELETEXT
10) ⏮ :Skips to the previous track during playing media
11) ⏭ : Skips to the next track during playing.Media
12) ◄◄ : Searches forwards during media play.
13) ►► :Searches forwards during media play.
14)**PAUSE:**Press this button to pause playback.
15)**PLAY:**Press this button start to playback.

16)**STOP**: Stops media play.

17)**MENU**: Used to open the main menu window.

18)**EXIT**: Used to return to the previous screen or menu.

19)**PROG+/PROG-**: To select channels upward or downward , or move upward or downward in menu operation.

20)**VOL+/VOL-**: To adjust volume or selected menu item in menu operation; To move left or right in menu operation.

21)**OK**: Used to confirm a selection within a menu.

22)**EPG**: Used to display information about the program being viewed and what is on next.

23)**RECALL**: Used to switch between the last two viewed channels.

24)**FAV**: Used to access your favourite channels.

25)/26)**PAGE-/PAGE+**): Adjust page+/- in USB menu.

27)**TV/VCR**: Used to switch output between STB and VCR.

28)**COLOUR KEYS**(RED/GREEN/YELLOW /BLUE): Used to operate different functions in TEXT screen or other menus.

29)**TIMER:** Show timer scheduled recording/ play.

30)**USB:** You can play media file and update software from USB terminal.
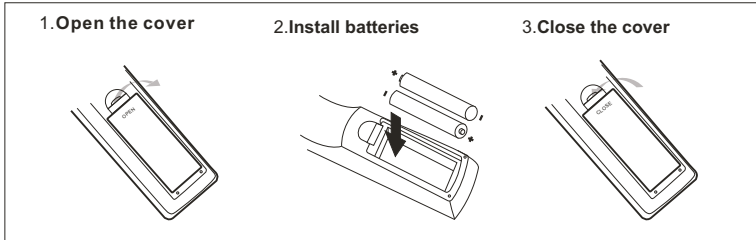
31)●:Real-time record.

32)**V-FORMAT:** Change HD output resolutions.

Installing the Batteries

Remove the battery cover from the Remote Control and put 2xAAA size batteries inside the compartment.
The diagram inside the Battery Compartment shows the correct way to install the batteries.

1.**Open the cover**	2.**Install batteries**	3.**Close the cover**

First Time Installation

After all connections have been made properly, switch on TV and make sure the receiver is connected to the Main Power. Press Power Button to switch receiver on. If you are using the receiver For the first time or restored to Factory Default, the Main Menu will appear on your TV screen.

FIRST INSTALLATION	
OSD LANGUAGE	ENGLISH ▶
COUNTRY	FRANCE ▶
TIME ZONE	GMT+1 ▶
LCN	ON ▶
START	

OSD LANGUAGE:Press OK key to select Osd language
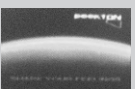COUNTRY:Press OK key to select Country.
TIME ZONE:Press OK key to select Time zone
LCN:Press OK key to select lcn ON or OFF
START:Press OK key to start first programs search.

Setup Installation

Press menu key to enter setup installation.

	OSD LANGUAGE
	COUNTRY
	LCN
SYSTEM SETUP	TIME ZONE
VIDEO SETTINGS	AUTO STANDBY
AUDIO SETTINGS	CHANGE PASSWORD
INSTALLATION	SYSTEM INFORMATION
CHANNEL EDIT	FACTORY RESET

OSD LANGUAGE:Select an OSD LANGUAGE
COUNTRY:Select your country of residence.
LCN:Set LCN on or off
TIME ZONE: a.TIME ZONE : Select Time zone of the country.
　　　　　　　b.SUMMER TIME: Select Summer timer on or off.
AUTO STANDBY: The unit will automatic power off at standby mode if no operation is performed after 3 hours, TV screen will display "power down after 120 seconds" beforeunit power off, select exit button by remote control to cancel standby mode on/off the funtion.
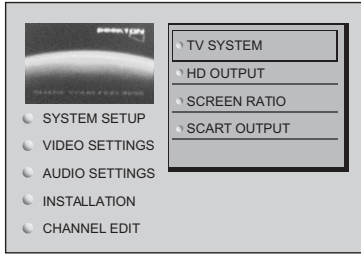CHANGE PASSWORD:Set or change the password for Locked programs. Enter your old Password or the default password '1234'. You will then be asked to enter your new password.
To confirm re-enter your new password.
SYSTEM INFORMATION:Show some information of the player.
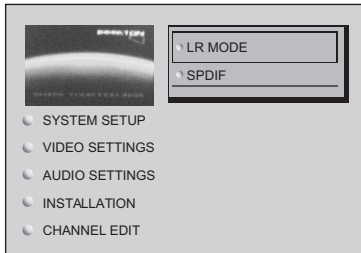FACTORY RESET:Reset the factory setting of player.

TV SYSTEM:Select tv color system pal or ntsc.
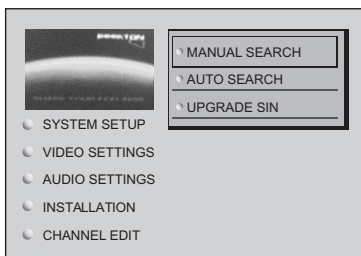HD OUTPUT:HD TV programe display mode(1080i, 720p, 576p/480p, 576i/480i, auto).
SCREEN RATIO: You must set the display format to either 4:3 ,16:9 or Auto to get the maximum display when watching TV.
SCART OUTPUT :Select Scart output mode : CVBS or RGB

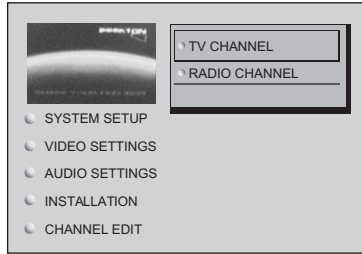LR MODE: Select audio output mode : LEFT, RIGHT OR STEREO
SPDIF: Select digital audio output mode : PCM or RAW

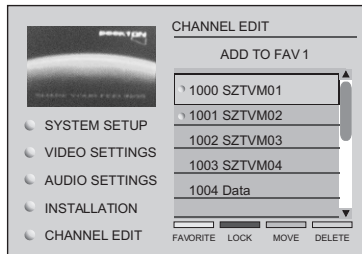Manual search: Install new channels manually.
Auto search: Search and install all channels automatically.
Upgrade stb: Upgrade the player.

TV CHANNEL and RADIO CHANNEL:
To edit your programs prefences(favourite, lock, move or delete), as picture 6

PVR (Personal video recorder)

1.USB PVR has the following features:
-Support one-channel TS recoding
-Support scheduled recording and real-time recording
-Support program playback
-Support playback modes include: pause, fast forward and fast rewind.
The storage media supported :
-USB adapted hard disk (500mA)
-USB disk (depending on the read-write speed, 500mA)
-In order to delete recorded files on a USB stick then please connect the
USB stick to your computer and then delete the recorded files.
The TV program is recorded to file at .PVR format, which can be played
back on this unit and PC using a suitable player, but can not be played
back on DVD or PDVD.
The file system format support :
-FAT
-FAT 32
2.Before recording
Must plus USB disk or USB adapted hard disk (500mA). Press STOP key to
stop recording.

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3.Video recording.
- Real-time recording
In the normal play mode, Press ● to enter the recording status. Once video
recording starts, the upper left crner will display the recording icon.
Press STOP key to stop recording.

-Scheduled recording.
User may set up scheduled recording by setting the data, time and program.
Once the scheduled recording time is reached, The player will switch to the
scheduled program automatically for recording.

To scheduled recording , Press EPG key, to enter EPG page. select your
need record program, press OK key to enter scheduled recording page as
picture

New Reservation			10/3/2006 17:14		
Channel Name	Nederland 2				
DATE	YEAR	2006	MONTH	03 Day	10
START TIME	HOUR	16	MINUTE	25	
End time	HOUR	17	MINUTE	20	
Runnlng Mode	ONE TIME			▶	
Reserve Type	Rec			▶	
Event Name	Top of the Pops				
OK SAVE		Exit Back			
⊏⊐Switch ⊏⊐Schedule ⊏⊐Detall Descrlptor OK New Reservation					

4.Recorder file play
-Enter USB mode and select video,then open file of USB and select torrget
document which is recorder.

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Troubleshooting

Problem	Potential Reasons	What to do
No picture	Power isn't connected	Connect the power
	The power switch is not on	Switch on the power
Screen shows "No Signal"	DVB-T cable not connected	Plug in the DVB-T cable
	Incorrect setting	Reset setting
No sound from speaker	No or incorrect connection with audio cable	Connect the audio cable correctly
	Sound on mute	Turn off mute function
	Incorrect sound track	Try another sound track
Only sound, no image on the screen	No or incorrect connection with AV cable	Make sure cables are connected correctly
	The program is a radio program	Press <TV/RADIO> key to shift into TV mode
Remote Control is not responding	The battery is exhausted	Change battery
	Remote Control is not facing or close enough to the Set Top Box	Adjust the position of the Remote Control and move closer to the unit
The image stopped suddenly or mosaic	The signal is too weak	Strengthen the signal

Technical Specifications

Item	Sub Item	Parameter
Tuner	Input Frequency	170~230MHz 470~860MHz
	RF Input level	-25~-82dBm
	IF Bandwidth	7MHz and 8MHz
	Modulation	QPSK,16QAM,64QAM
Video	Decoder Format	MPEG4 AVC/H.264 HP@L4 MPEG2 MP@ML.HL
	Output Format	576P , 720P, 1080i, 4:3 and 16:9
	Output Port	HDMI,2XSCART
Audio	Decoder Format	MPEG-1 (layer1&2)
	Audio output	Digital audio: S/PDIF
Power	Voltage	AC 110-240V 50/60Hz
	Working Power	≤8W
	Standby power	≤0.5W

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CE

Instructions on environment protection

Electric and electronic equipment and included batteries contains materials, components and substances that can be hazardous to your health and the environment, if the waste material (discarded electric and electronic equipment and batteries) is not handled correctly.

Electric and electronic equipment and batteries is marked with the crossed out trash can symbol, seen below. This symbol signifies that electric and electronic equipment and batteries should not be disposed of with other household waste, but should be disposed of separately.

As the end user it is important that you submit your used batteries to the approriate and designated facility. In this manner you make sure that the batteries are recycled in accordance with legislature and will not harm the environment.

All cities have established collection points, where electric and electronic equipment and batteries can either be submitted free of charge at recycling stations and other collection sites, or be collected from the households. Additional information is available at the technical department of your city.

Please fill the blank with the model number
of this player for future reference

Model no.: