

BPT-321/322

USER'S MANUAL

DVB-T DIGITAL TV PLAYER

3.5" TFT(QVGA) LCD

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Table of Contents

1. Precautions	2
Precautions.....	2
Notice.....	2
2. Main Product and Accessories	2
3. Introduction	3
Main Product.....	3
5-Way Buttons.....	4
Remote Control.....	4
4. The Support	5
5. How to Connect Accessories	6
Antenna Installation.....	6
Video and Audio Output Installation.....	7
Connect Memory Card.....	8
6. Getting Started	9
Charging.....	9
Power On.....	10
Channel Search.....	11
7. Main Menu	11
DTV.....	13
Channel Manager.....	14
Channel Grouping.....	
Delete All.....	
Installation.....	
Area Search.....	
Manual Search.....	
Movie Playback Mode.....	
Music Playback Mode.....	
Photo Viewer Mode.....	
Games Mode.....	
Setup Mode.....	
Configuration.....	
OSD.....	
TV.....	
System Setup.....	
Time.....	
Wakeup Timer.....	
Disk Manager.....	

Software Upgrade.....	
Factory Default.....	
Version.....	
8. DTV Program Recording and Play.....	
Real Time Recording.....	
Pre-set Recording.....	
Play.....	
Recorded Programs Management.....	
Memory Card Capacity and Recording Time Info.....	
9. Troubleshooting.....	31
10. Specifications.....	32
11. Quality Assurance.....	32

Precautions

Precautions

Thank you for choosing our product. Please read this manual carefully before you start to use this product. Also please keep this manual for your reference; it'll be helpful for operating problems.

If there's a malfunction, please refer to the troubleshooting page for solutions first. If the problem still persists please contact the dealer for support.

For your own rights and interests please **DO NOT** disassemble this product. Disassemble of this product will cause warranty to be invalid.

Notice

1. To avoid electric shocks, please **DO NOT** operate this product in the rain or a damp environment.
2. Please **DO NOT** place the product close to heat sources such as lit candles, radiators, and stoves; please keep at least 30 cm distance.
3. Please **DO NOT** wipe this product with damp cloth.

Main Product and Accessories

Please look over carefully to see if the package includes:

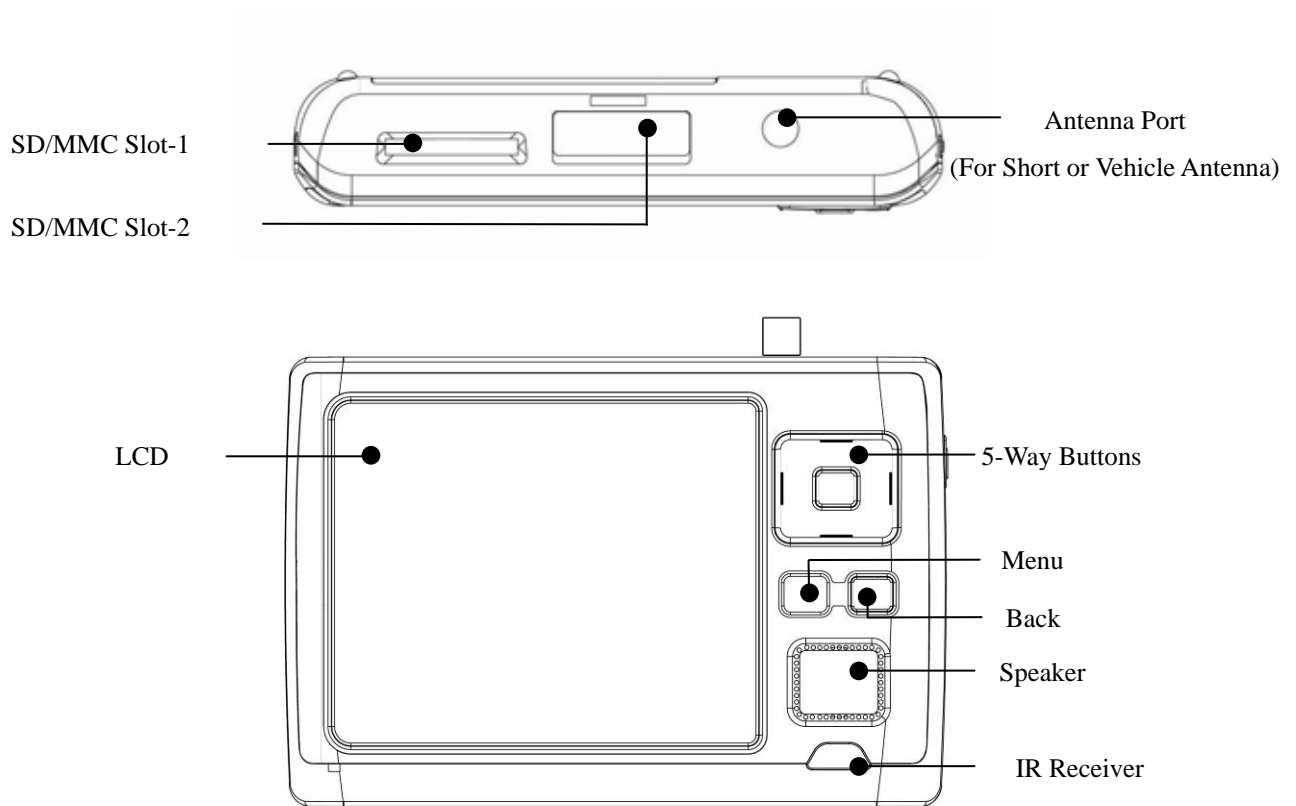
- | | |
|---|------------------------------|
| ● Digital TV Player (Battery Built-in) *1 | ● Vehicle Antenna *1 |
| ● Remote Control *1 | ● AC/DC Switching Adapter *1 |

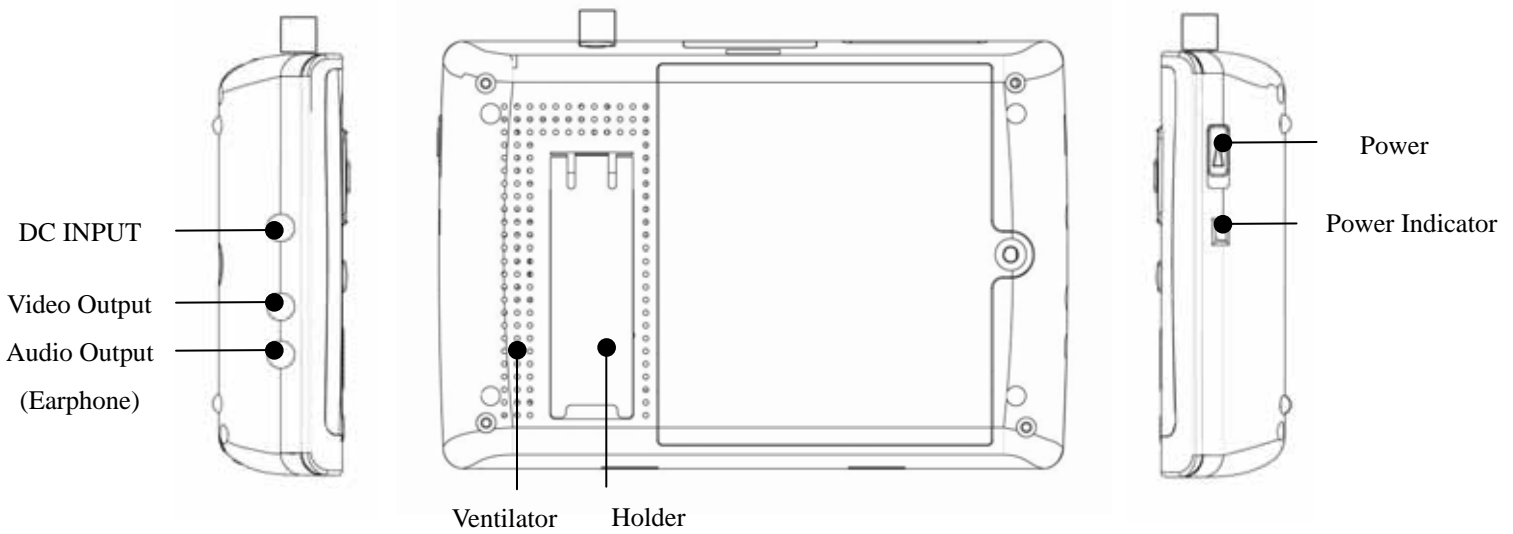
- Earphone *1
- AV Cable *1
- Short Antenna *1

- Cover Bag *1
- User's Quick Guide *1
- Warranty Card *1

Introduction

Main Product

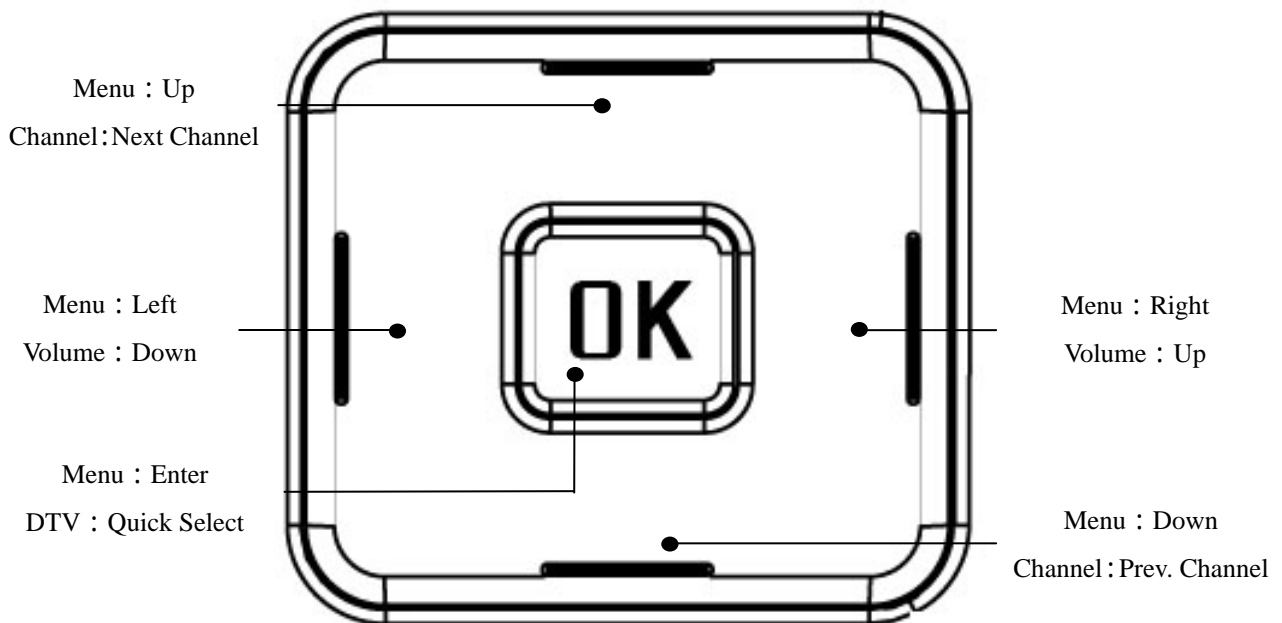




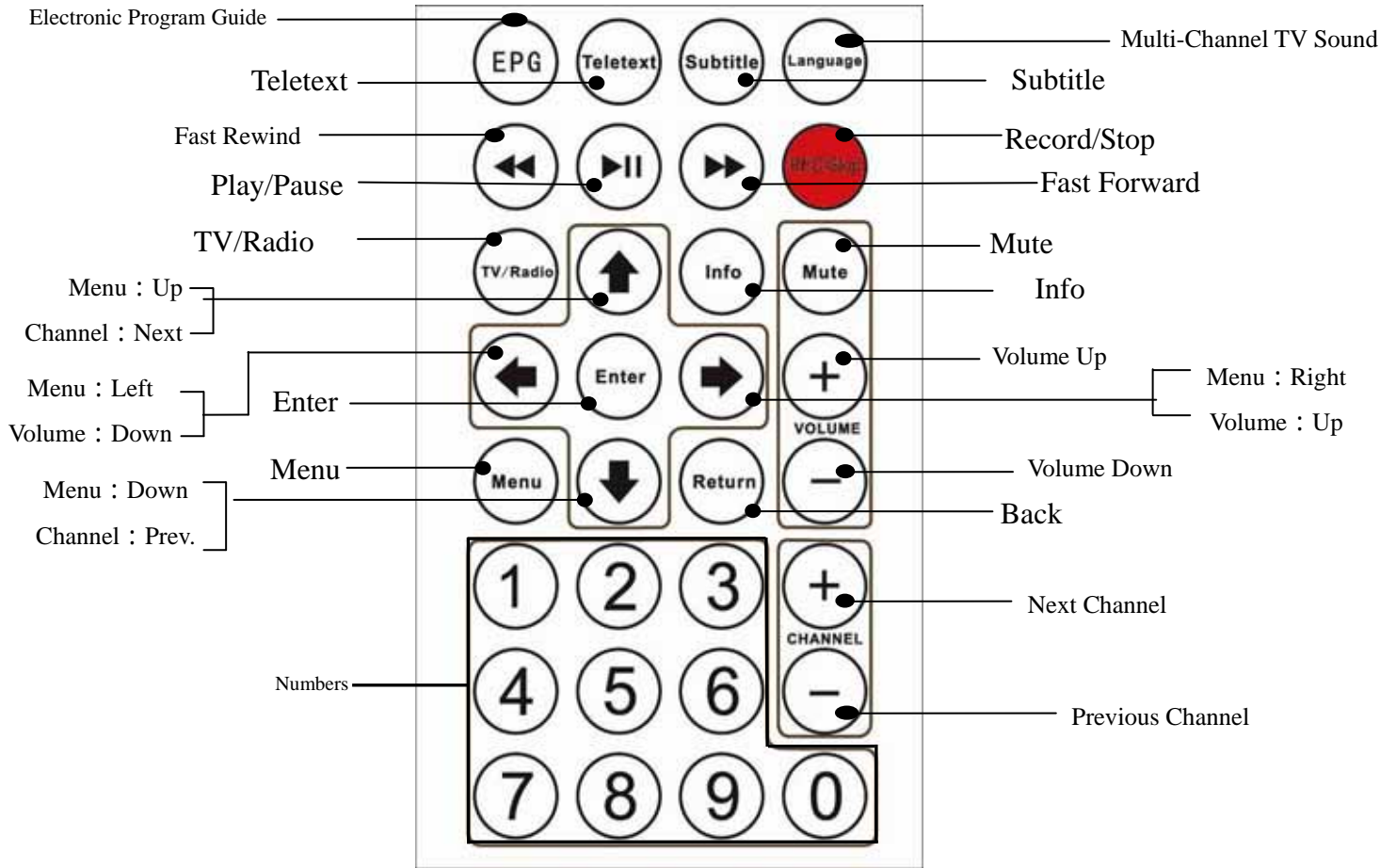
Power Indicator:

- (1) Power On: Green
- (2) Power On Charging: Yellow / Charging Completed: Green
- (3) Power Off Charging: Orange / Charging Completed: Dim Orange

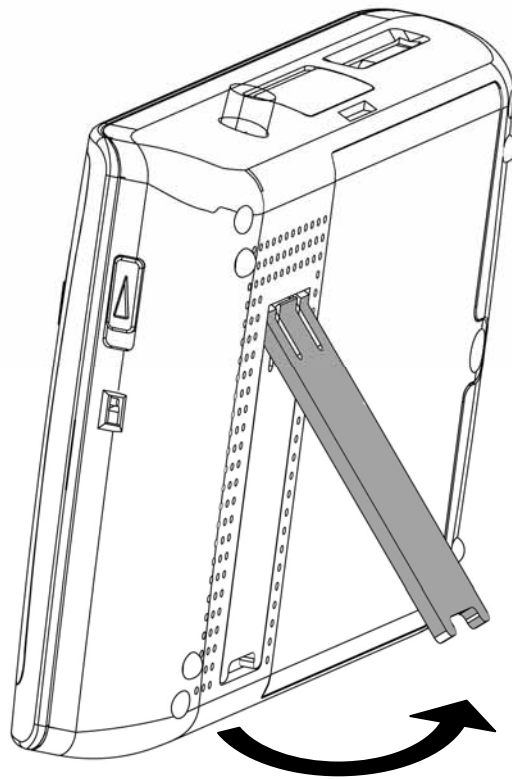
5-Way Buttons



Remote Control

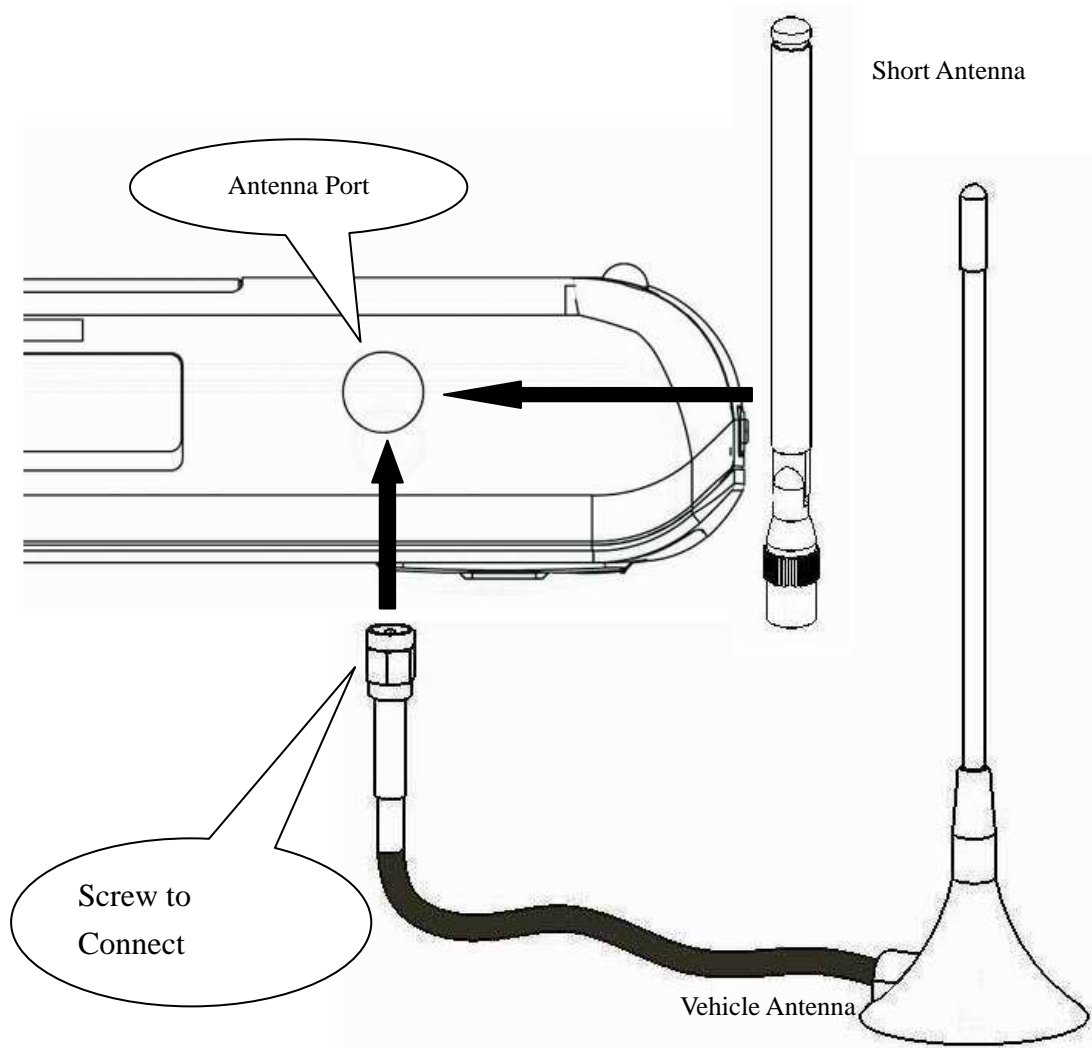


The Support



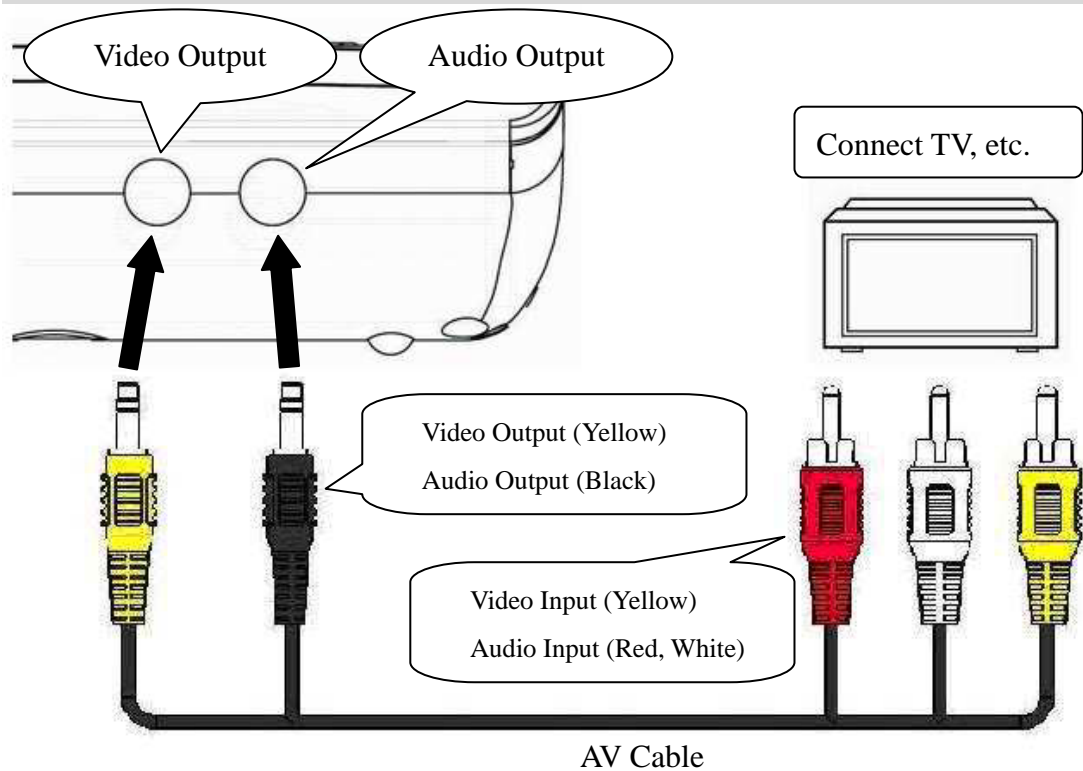
How to Connect Accessories

Antenna Installation



1. Please choose the correct antenna when switching them: Active (Optional) or Passive (Short/Vehicle Antenna). If you're not sure about antenna's type please choose Passive (Short/Vehicle Antenna).
2. Please do a new channel search when using this product in a different area. Frequency varies with different countries, please select the correct country/area.

Video and Audio Output Installation



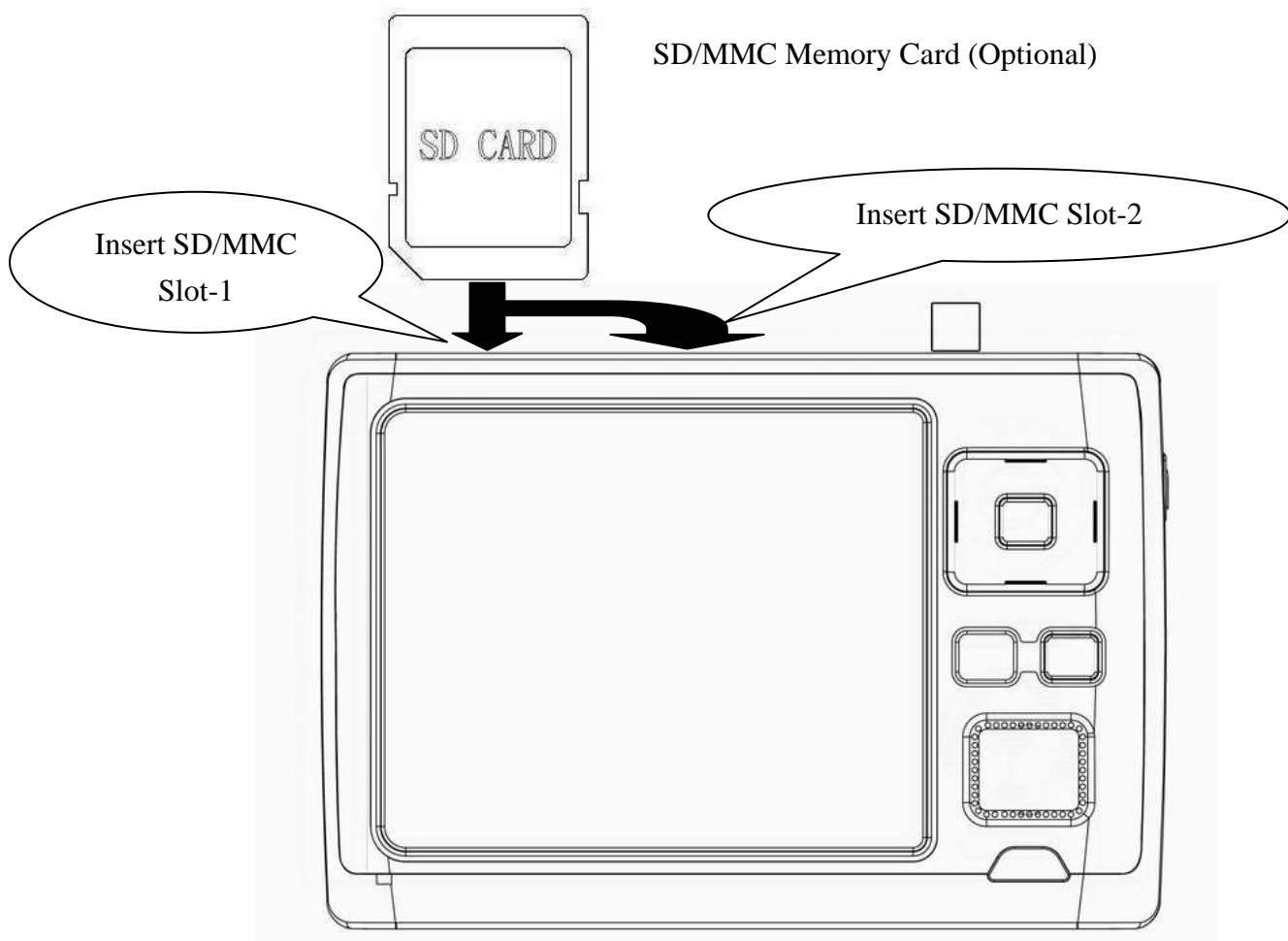
How to use the Earphone:

Connect the earphone to the Audio Output port, and the speaker will become mute automatically.

Notice:

1. Before using the earphone, please lower the product's volume first then connect the earphone to the audio output port
2. Please take a 10-minute break after using the earphone for 50 minutes to protect your ears.

Connect Memory Card

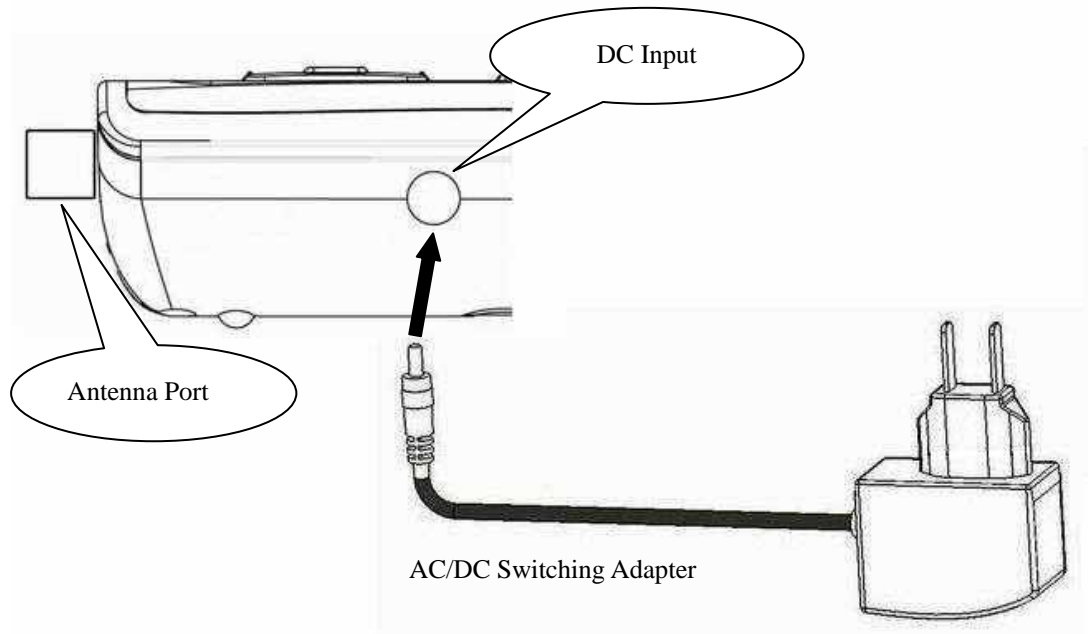


1. SD/MMC Slot-1 : For Multimedia Playback
2. SD/MMC Slot-2 : For TV Program Recording and Play

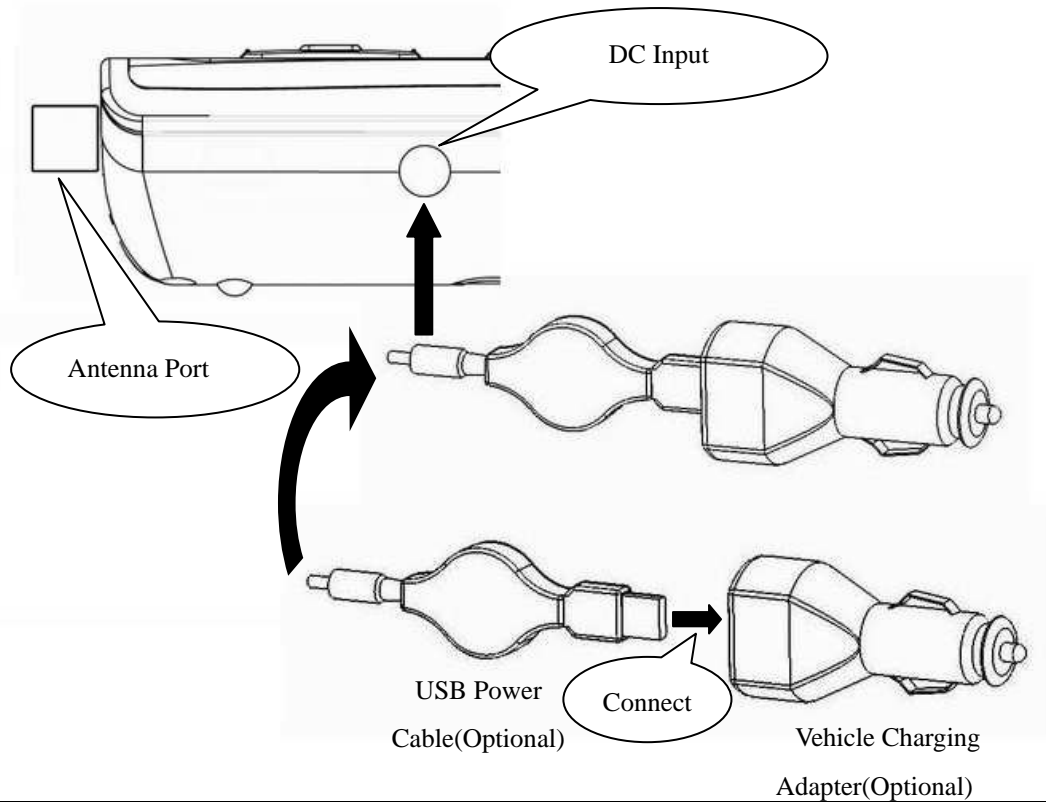
Getting Started

Charging

For Typical Charging



For Vehicle Charging(Optional)



Notice:

1. The battery supports up to 2 hours and 30 minutes constantly working when it's

fully charged.

2. Please use the AC/DC Switching Adapter attached to this product.
3. This product supports power on charging. Charging time might extend because of the sharing of power to the battery and the main product at the same time.

Please follow the steps to charge:

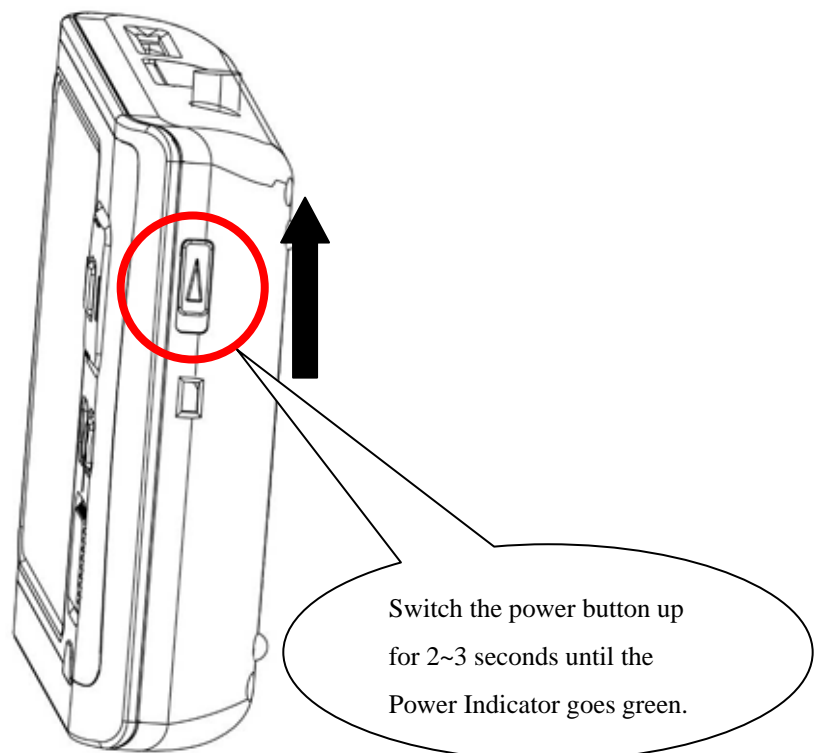
Connect the AC/DC Switching Adapter to DC supply; the Power Indicator shows the status as below:

- (1)Charging: Orange
- (2)Charging Completed: Dim Orange

Notice:

1. The AC/DC Switching Adapter included. The AC input Voltage is 100V~240V; the DC output is 5V/2.0A.
2. Please stop operating if there's anything unusual: e.g. exceptional high temperature, expansion, or deformation.
3. Never leave the product unattended while it's charged in vehicles.
4. Please start the engine before charging with the vehicle charger.

Power On



Installation

The product requires channel searching when operating for the first time.

5-Way Buttons: Up/Down/Left/Right→ Move; OK→Enter



1. Press “Menu” button to open the main list. Select DTV and press “OK” button.



2. Select “Installation” and press “OK” button.



3. Select “Area Search” and press “OK” button.



4. Searching TV channels automatically









5. Ready for watching Digital TV programs after the searching has been completed.

(Use 5-Way buttons to switch channels and adjust volume: Up/Down→ Next/Prev. Channel; Right/Left → Volume Up/Down)

Main Menu



Press “Menu” to show the list. You can select DTV, Movie, Music, Photo, Games or Setup Mode.

 <p>Digital TV Mode Available for all Digital Channels</p>	 <p>Photo Viewer Mode For You to View Photos and Pictures/ Digital Photo Frame</p>
 <p>Movie Playback Mode For You to Watch Movies</p>	 <p>Games Mode For You to Play Games and Have Fun</p>
 <p>Music Playback Mode For You to Enjoy Listening to Music</p>	 <p>Setup Mode For You to Set different Settings</p>

The screenshot shows a dark background with several status indicators. At the top right, there is a 'Time Info' icon showing a digital clock. Below it is a 'Battery Info' icon showing a battery level indicator. At the bottom left, there is a 'Volume Info' icon showing a volume bar and a 'Mute(Control)' icon. A double-headed arrow is positioned below the volume bar.

Time Info

Battery Info

- Full
- Normal
- Low
- Please charge

Volume Info

Down Up

Mute(Control)

- 13 -

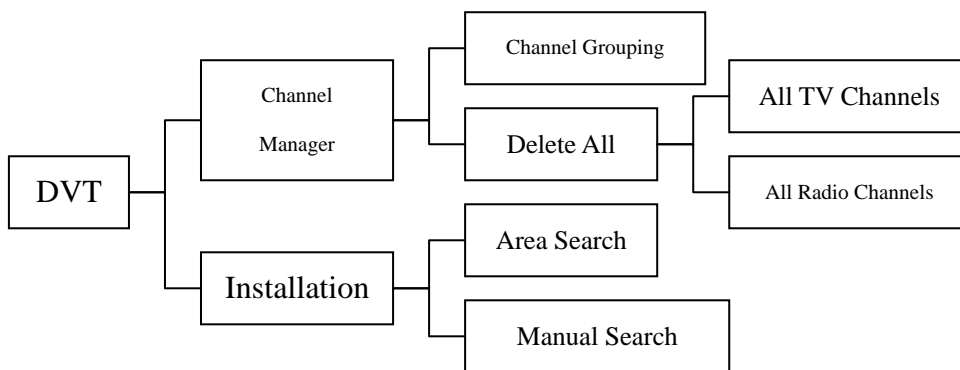
DTV

5-Way Buttons: Up/Down/Left/Right→ Move; OK→Enter



1. Press “Menu” button and select “DTV.” Press “OK” button.

DTV Structure



Channel Manager

5-Way Buttons: Up/Down/Left/Right→ Move; OK→Enter



Select “Channel Manager” and press “OK” button. There are “Channel Grouping” and “Delete All” selections.

Channel Grouping



1. Select “Channel Grouping” and press “OK” button.



2. Channel Grouping List. Press Number buttons on the remote control to group channels.

Delete All

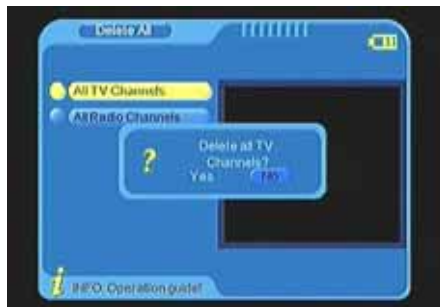


Select “Delete All” and press “OK” button.

Delete All TV Channels



1. Select “All TV Channels” and press “OK” button.



2. Select “Yes” and press “OK” button to delete all TV Channels.

Delete All Radio Channels



1. Select “All Radio Channels” and press “OK” button.



2. Select “Yes” and press “OK” button to delete all Radio Channels.

Channel Search

5-Way Buttons: Up/Down/Left/Right→ Move; OK→Enter



Select “Installation” and press “OK” button.

Area Search



1. Select “Area Search” and press “OK” button to search automatically.



2. Searching TV channels automatically

Manual Search



1. Select “Manual Search” and press “OK” button to search channels manually.



2. Searching Channels one by one

Movie Playback Mode

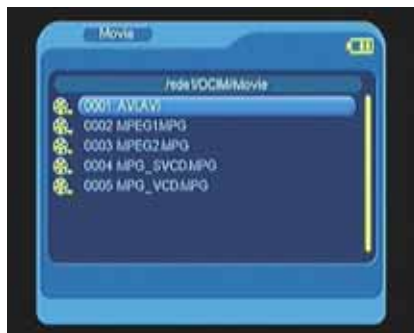
Supported Format : MPEG1、 MPEG2、 MPG_SVCD、 MPG_VCD、 MPEG4(Xvid)



1. Press “Menu” button and select “Movie.” Press “OK” button.



2. Main Catalog appears; press “OK” button.



3. Only supported format will be shown here. Select file and press “OK” button.



4. Movie will start to play automatically.

5-Way Buttons:

Up/Down → Prev./Next Section

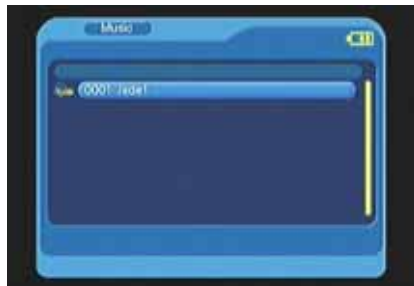
Right/Left → Volume Up/Down

Music Playback Mode

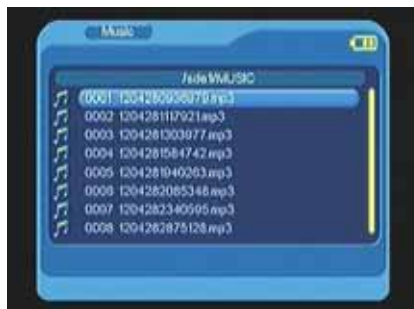
Supported Format : MP3 , WAV



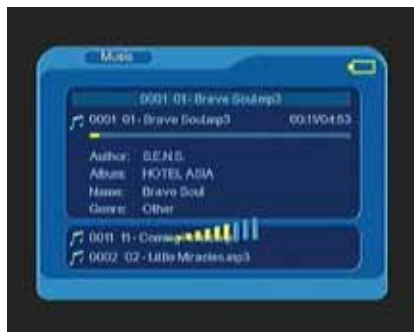
1. Press “Menu” button and select “Music.” Press “OK” button.



2. Main Catalog appears; press “OK” button.



3. Only supported format will be shown here. Select file and press “OK” button.



4. Music will start to play automatically.

5-Way Buttons:

Up/Down → Prev./Next Section

Right/Left → Volume Up/Down

Photo Viewer Mode

Supported Format : JPG



1. Press “Menu” button and select “Photo.” Press “OK” button.



2. Main Catalog appears; press “OK” button.



3. Only supported format will be shown here. Select file and press “OK” button.



4. Photo will show up.
5. Press “OK” button again (optional) to view photo slide show (auto and cyclic, each photo remains for 3 Secs.)

5-Way Buttons:

Up/Down → Prev./Next Section

Right/Left → R-Rotate/L-Rotate

Game Mode

Native Games : Box Man, Tetris, Hit Rat



1. Press “Menu” button and select “Games.” Press “OK” button.



2. Select “Native Games” and press “OK” button.



3. Select games from Native Games List and press “OK” button.



Box Man

5-Way Buttons :

Up—Move the box upwards

Down—Move the box downwards

Left—Move the box left

Right—Move the box right



Tetris

5-Way Buttons :

Up—Rotate

Down—Fall

Left—Move left

Right—Move right



Hit Rat

Please use the number buttons on the Remote control.

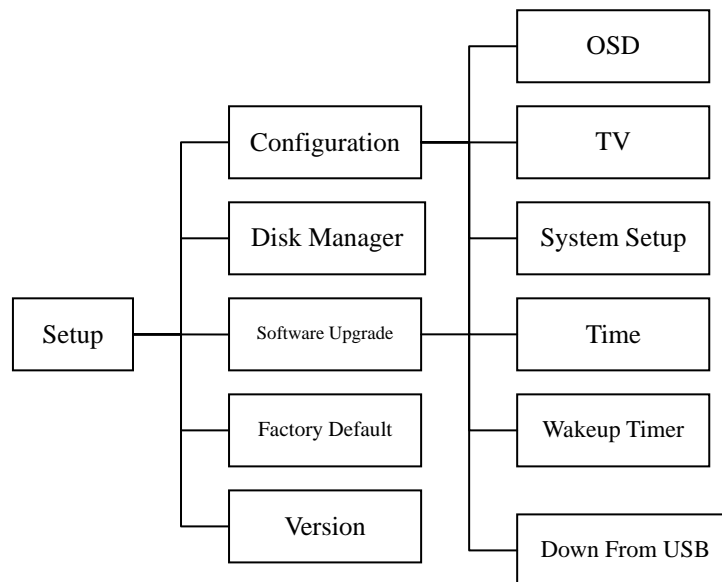
Setup Mode

System settings are in this mode



1. Press “Menu” button and select “Setup.” Press “OK” button.

Setup Mode Structure



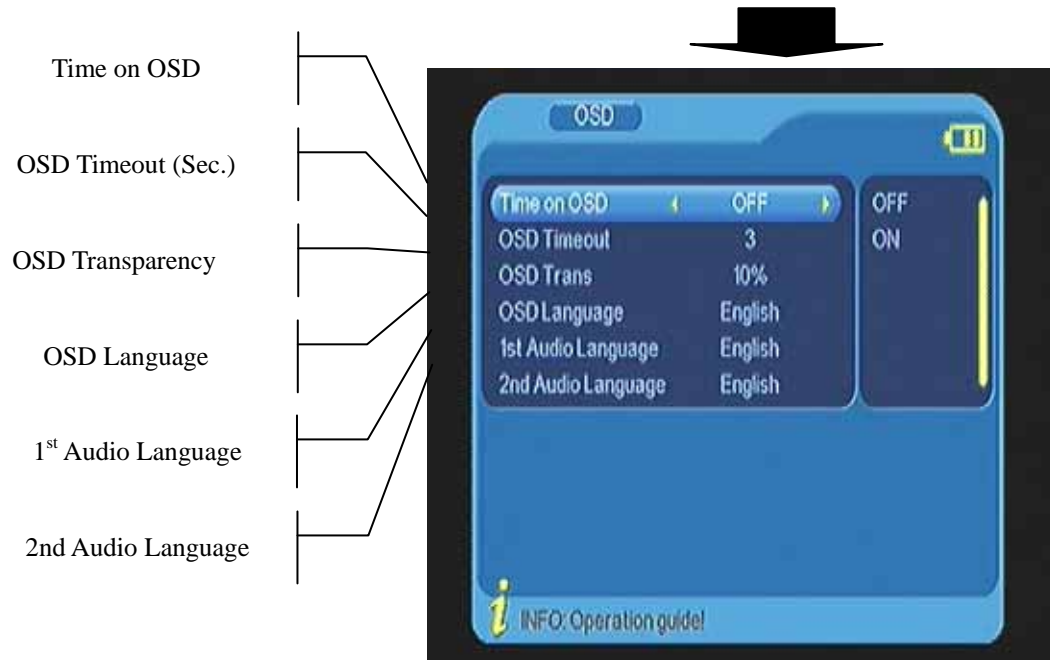
Configuration

OSD

1. Select "Configuration"



2. Select "OSD"



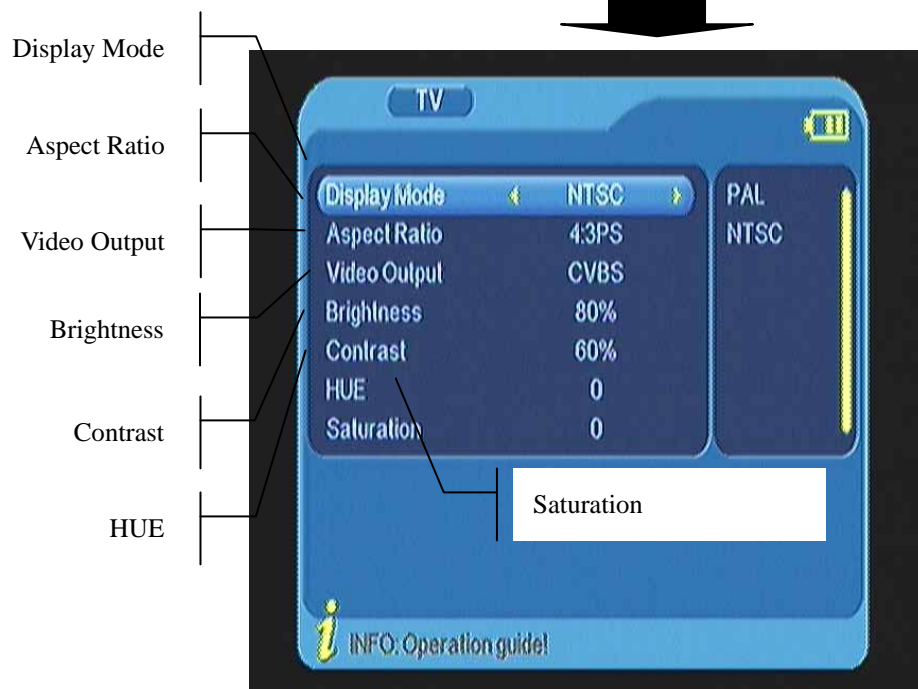
(1) There are 14 OSD Languages: English, Traditional Chinese, French, German, Italian, Spanish, Swedish, Portuguese, Finnish, Dutch, Turkish, Czech, Greek and Danish.

TV

1. Select "Configuration"



2. Select "TV"



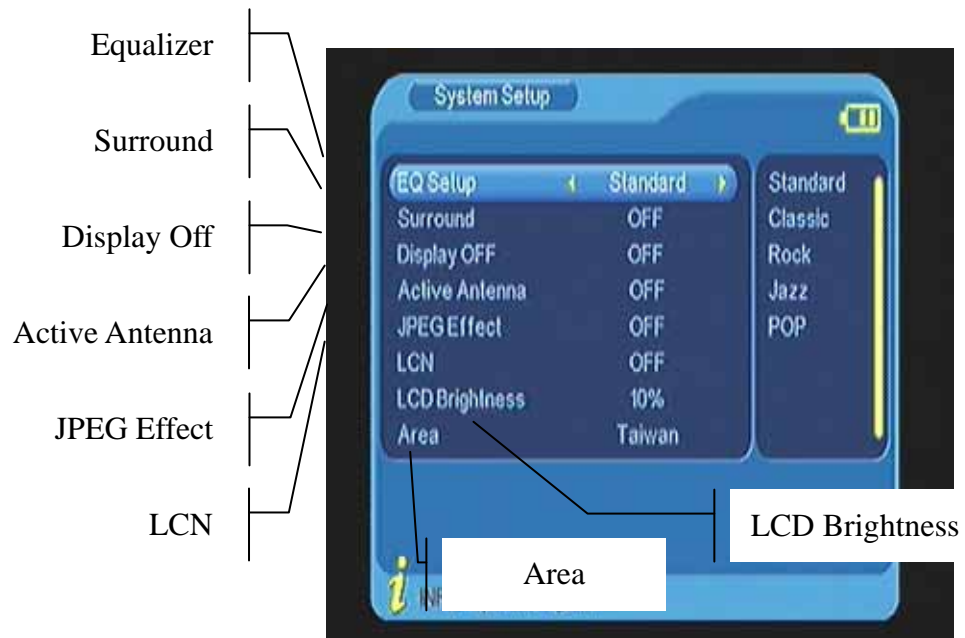
(1) Display Mode For AV Out : NTSC(such as Taiwan), PAL(such as China)。

System Setup

1. Select "Configuration"



2. Select "System Setup"



Note1: LCN (Logical Channel Number) : If you're in Taiwan, please turn it off.

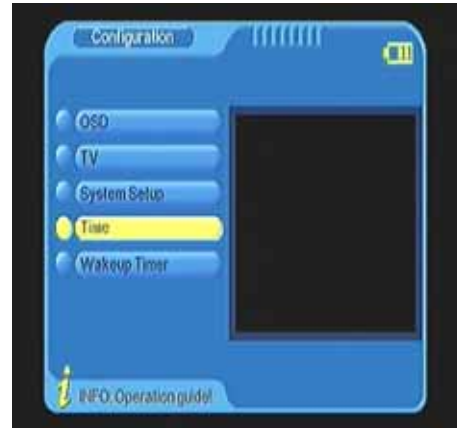
Note2: Please choose correct area of the device location to receive TV programs.

Time

1. Select "Configuration"



2. Select "Time"



Timer Auto/Manual

Date

Time

GMT Offset

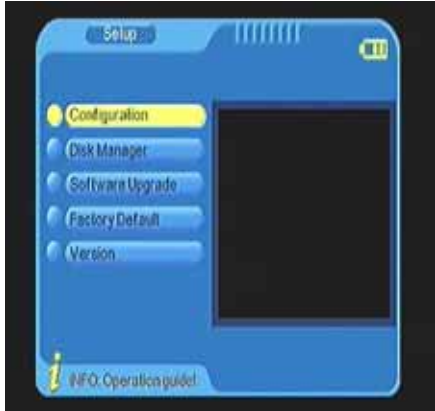
Summer Time



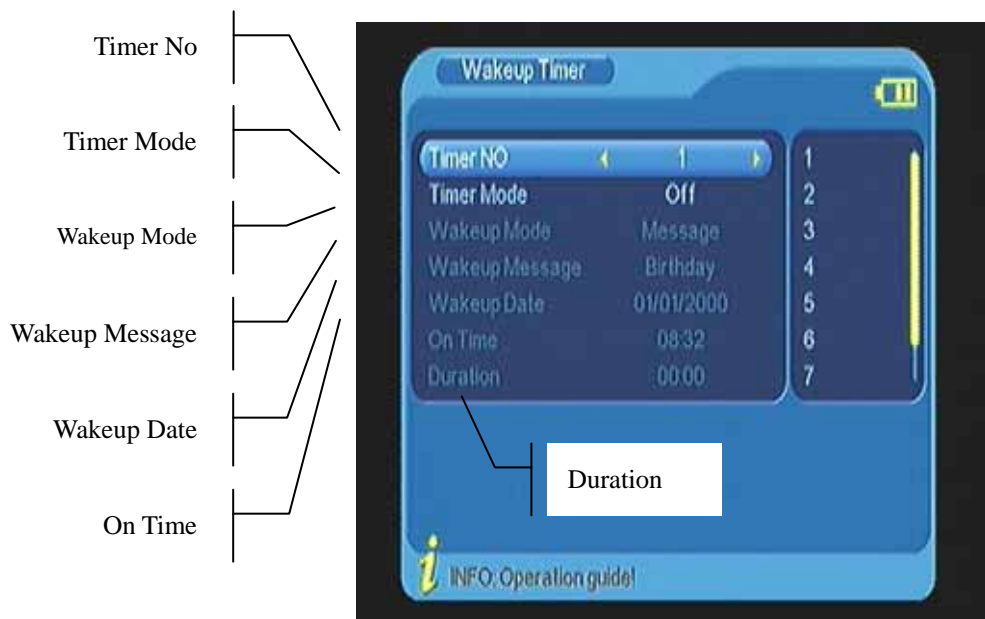
Wakeup Timer

Set up here for Pre-set Recording DTV programs.

1. Select “Configuration”



2. Select “Wakeup Timer”



Note: Please refer to “DTV Program Recording and Play” for further operation guide.

Disk Manager



1. Press “Menu” button and select “Setup.” Press “OK” button.



2. Select “Disk Manager” and press “OK” button.



3. Recorded Programs List will be shown here.

Note: Press “Play/Pause” button on the remote control to cycle through “Play,” “Delete One File” and “Delete All Files” functions.

Software Upgrade

Latest Updated files are available on our website: www.brightvision.com.tw



1. Press “Menu” button and select “Setup.” Press “OK” button.



2. Select “Software Upgrade” and press “OK” button.



3. Put in a memory card with bin file. Select “Download from USB” and press “OK” button.



4. Select updated software file (*.bin) and press “OK” button.



5. Upgrading software. (System will shut down after processing, please turn it on again.)

Factory Default



1. Press “Menu” button and select “Setup.” Press “OK” button.



2. Select “Factory Default” and press “OK” button.



3. Select “Yes” and press “OK” button to perform factory default.

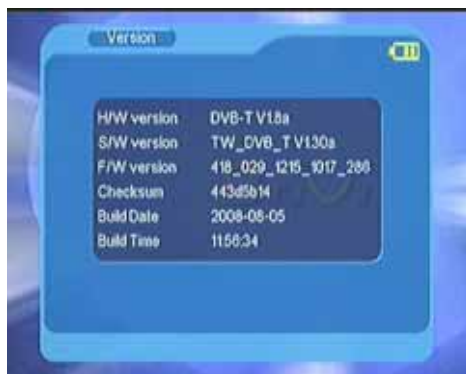
Version



1. Press “Menu” button and select “Setup.” Press “OK” button.



2. Select “Version” and press “OK” button.



3. Hardware/Software Version Information will be shown in here.

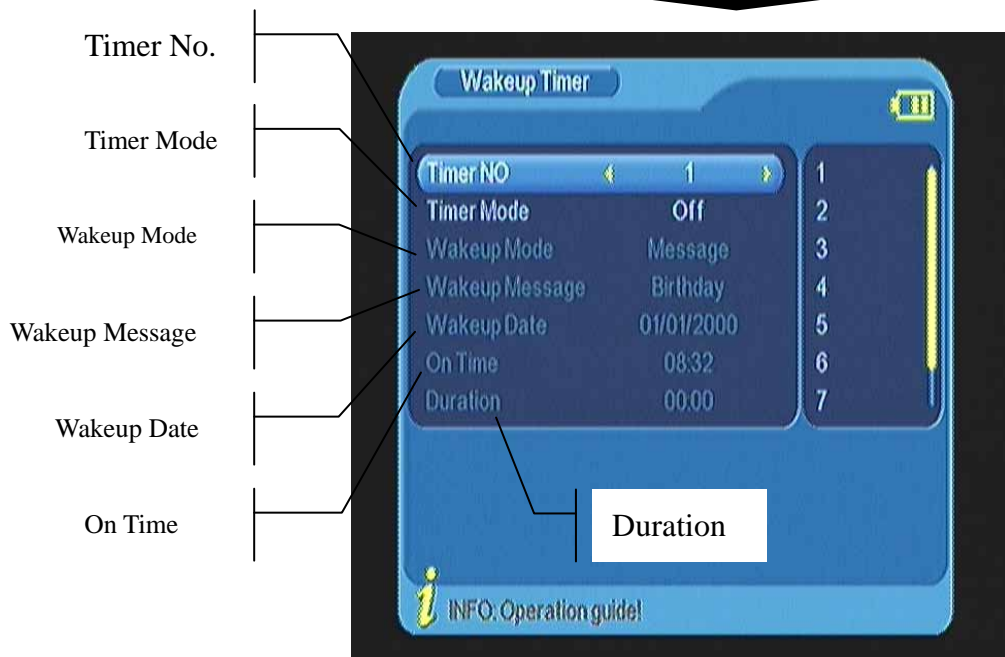
DTV Program Recording and Play

Wakeup Timer

1. Select "Configuration"



2. Select "Wakeup Timer"



Notice :

1. This product supports SDHC (Class6) memory cards.
2. Please format your SD/MMC card with FAT32 and spare your data first before starting format.
3. Please insert the memory card into Slot-2 before switching on the power.
4. Please insert the memory card into Slot-2 before recording programs.
5. Be sure the power is on during the pre-set recording time.

Real Time Recording



1. Select a channel you'd like to record.
2. Press "REC/Stop" button on the remote control. "REC" will be shown on the left corner while recording.
3. Press "REC/Stop" button again to stop recording.

Pre-set Recording



1. Press "Menu" button and select "Setup." Press "OK" button.



2. Select “Configuration” then press “OK” button.



3. Select “Wakeup Timer” then press “OK” button.



4. Select “Timer No.” (there are 8 sets) then press 5-Way Down button. Select “Timer Mode” (Once, Daily, Weekly, Yearly) then press 5-Way Down button.



5. Select “Recorder” in “Wakeup Mode” then press 5-Way Down button.



6. Select channel in “Wakeup Channel” then press 5-Way Down button.



7. Adjust Date in “Wakeup Date” then press 5-Way Down button.



8. Adjust time in “On Time” with remote control then press down button.



9. Adjust recording duration in “Duration” then press “OK” button.



10. System will start recording according to the time you've set up.

Play

Please play the recorded program in "Movie" Playback Mode.



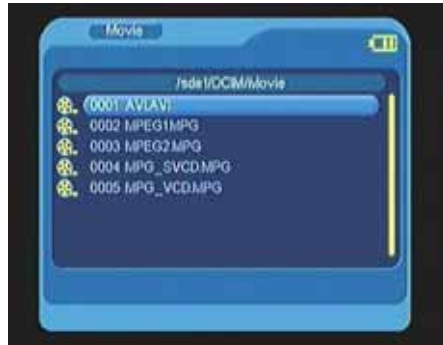
1. Press "Menu" button and select "Movie." Press "OK" button.



2. Movie directory appears; press "OK" button.



1. Recorded Files will be saved in an auto-created PVR folder. Press "OK" button.



2. Select the file then press “OK” button.



3. Programs will start to play automatically.

Note: Press Fast Forward, Fast Rewind, Play/Pause on the remote control to view the file.

Recorded Programs Management



1. Press “Menu” button and select “Setup.” Press “OK” button.



2. Select “Disk Manager” and press “OK” button.



3. Recorded Programs List will be shown here.

Note: Press “Play/Pause” button on the remote control to cycle through “Play,” “Delete One File” and “Delete All Files” functions.

Memory Card Capacity and Recording Time					
Memory Card Capacity	1G	2G	4G	8G	16G
Recording Time	~40mins	~80mins	~160mins	~320mins	~640mins

Troubleshooting

Troubleshooting

Please read the instructions to resolve the following problems. If the problem still exists, please contact us or the dealer.

Status	Possible Cause	Solution
Off or Does not turn on	Battery is low.	Please fully charge the battery.
	Haven't plugged in the AC/DC Switching Adapter	Please plug in the AC/DC Switching Adapter
No Signal	Antenna is loose.	Properly tighten the antenna.
	Improper antenna mode	Correctly set the antenna mode.
	Bad signal Environment or location	Please use vehicle or active antenna (optional), or switch to a better signal place.
	Incorrect area setting	Please select the correct area.
Display Lag	Bad Signal	Adjust the antenna angle or change locations to increase signals.
Can't Charge	AC/ DC Switching Adapter is loose.	Re-plug in the adapter.
	AC/ DC Switching Adapter is damaged.	Please send it back to the dealer for maintenance.
	Battery is damaged.	Please send it back to the dealer for maintenance.
No Sound	Earphone is in use.	Remove the earphone.
	Volume is too low or mute.	Adjust volume.
No Signals in vehicles	May be jammed by the heat shield.	Use vehicle antenna and put the antenna base on the car roof to enhance signals.
	Vehicle Speed is too fast.	Display shows smoothly within 100 km.
Output Scramble Screen	Incorrect Format (NTSC/PAL)	Adjust to correct format.
Remote control doesn't work	Remote Control's battery is low.	Change Remote Control's battery.
	Battery protective tab hasn't been removed.	Remove the protective tab.
Poor Battery Performance	Speaker sound, LCD brightness and battery aging affect.	If the battery consumes exceptionally fast, please send the product back to the dealer for examination. Normal range is ± 30 minutes.
	Incomplete Charge of battery	Make sure the battery has been fully charges before use this product.
	LCD brightness/ Volume is the maximum	Adjust the LCD brightness/ Volume
	Battery aging	Please contact the dealer.
Can't Find digital channels Partially	Incomplete Channel Search	Please search for the channels again.
Weak signals	Local interference	Please use vehicle or active antenna (optional), or switch to a better signal place.

Specifications

Product No.	BPT-321/322	
LCD	Display	3.5" TFT-LCD
	Resolution	320x240
I/O	Input: DC 5V Input, Twin SD/MMC Memory Card Slots Output: Audio Output, Video Output, Buttons: 5-Way, Menu, Back buttons, Slide Power Switch	
Input Support	SD/MMC Memory Card	
Modes	DTV, Movie Playback, Music Playback, Photo Viewer, Games, Setup	
Media Format	Movie	MPEG1、 MPEG2、 MPG_SVCD、 MPG_VCD、 MPEG4(Xvid)
	Music	MP3、 WAV
	Photo	JPG
Languages	English, Traditional Chinese, French, Italian, German, Dutch, Spanish, Swedish, Portuguese, Finnish, Turkish, Czech, Greek, Danish	
Operating Temperature	0 ~ 45	
Speaker	1W, 8	
Power Supply	AC Input: 100~240V; DC Output: 5V/2.0A, Switching Type	
Battery	Up to 2 Hrs 30 Mins	
Dimensions	120x80x25 mm	
Product Weight	200g (Battery included)	

Quality Assurance

This product has obtained relative CE certifications such as electromagnetic compatibility and low voltage indications. Standards corresponded to the latest safety regulations have been established as well.

Quality Assurance

We offer a 12-month warranty for this product and a free maintenance service with active alternation for any mechanical, material problems and production faults within the period of warranty.

Free maintenance service does not take the responsibilities for warranty beyond the warranty period; also does not authorize any permission of any extra maintenance services.

Please keep the warranty card properly for free maintenance services. Please pack the product with original accessories and receipt back to the dealer if you need this service. Maintenance for improper operation, wash, repair or change will result in a cost.

Beyond the Warranty Period

Dealers may provide pay maintenance services for products that are beyond the warranty period.

Environmental Notice



Never put this product with general household waste. Please collect it to a proper recycle station. Standardized procedures are shown on the packing cover or the label.

Original materials are reusable and recyclable; please properly recycle them. We appreciate your contribution to the environment. Please contact your community for waste recycling locations.



柏翔電子工業股份有限公司

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