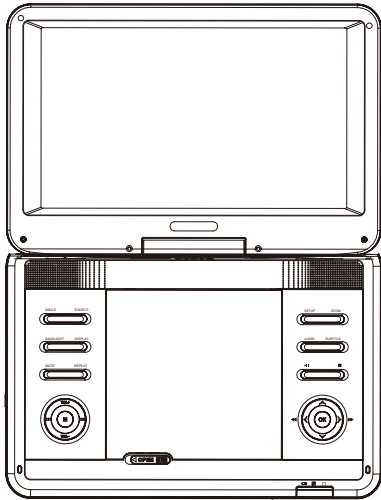
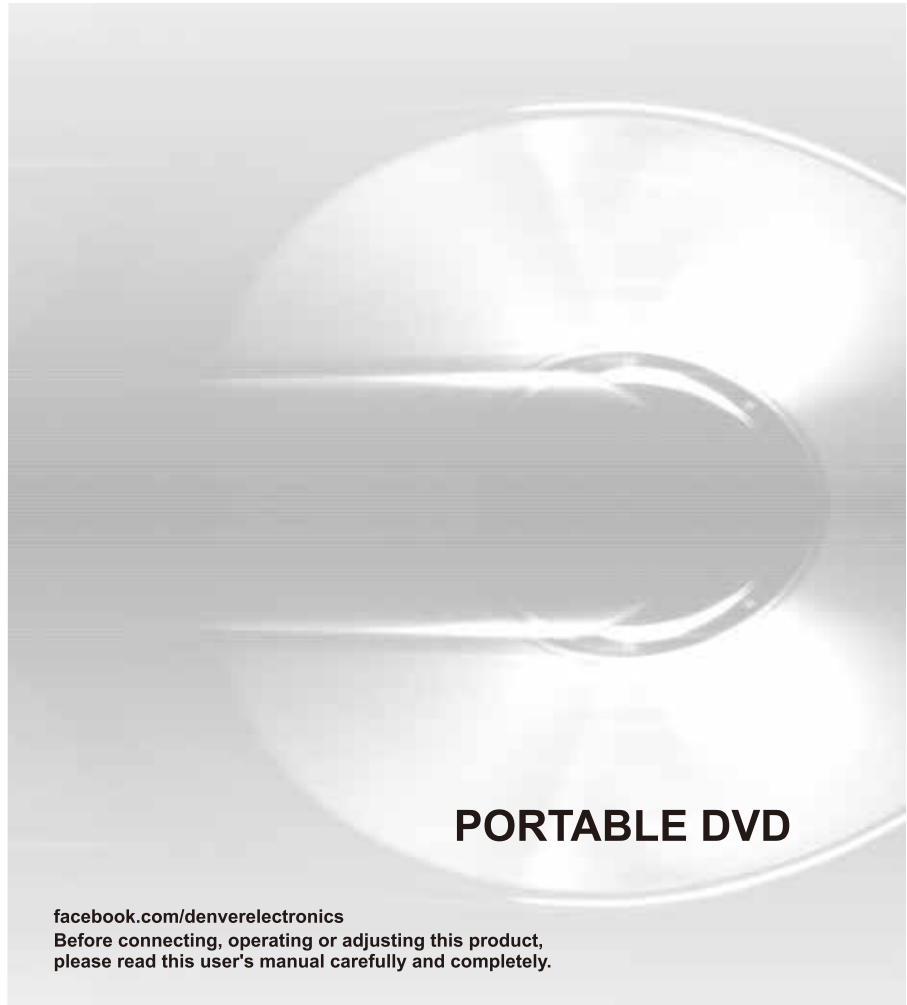


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USER'S MANUAL
MT-1150T2H

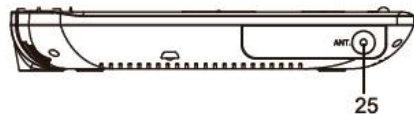
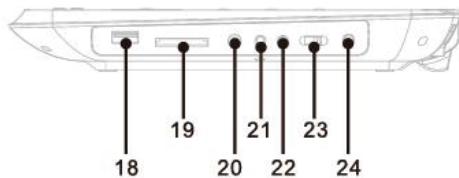
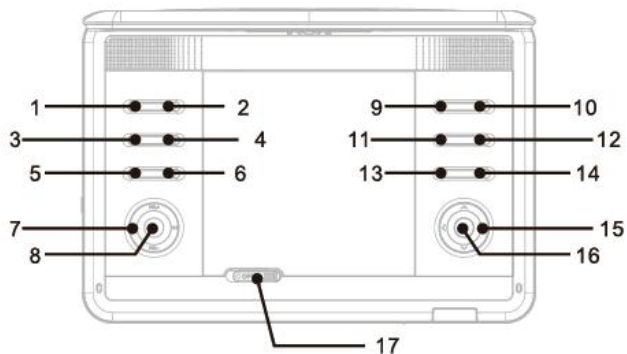






PORTABLE DVD

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Before connecting, operating or adjusting this product,
please read this user's manual carefully and completely.

Identification of Controls

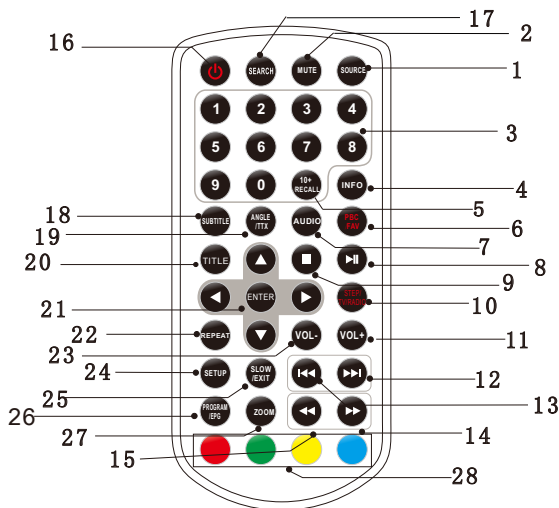
Main Unit



- | | |
|--|------------------|
| 1. ANGLE | 21. AV OUT |
| 2. SOURCE | 22. AV IN |
| 3. BACKLIGHT | 23. POWER ON/OFF |
| 4. DISPLAY | 24. DC IN 9-12V |
| 5. MUTE | 25. ANT. |
| 6. REPEAT | |
| 7. VOL+/VOL- /  | |
| 8. MENU | |
| 9. SETUP | |
| 10. ZOOM | |
| 11. AUDIO | |
| 12. SUBTITLE | |
| 13.  | |
| 14.  | |
| 15.  | |
- (Left/right/up/down/Fastforward/Fast reverse)
- 16. OK
 - 17. OPEN
 - 18. USB
 - 19. CARD SLOT
 - 20. Earphone Socket

Identification of Controls

Remote control unit



1. SOURCE

DVD/CARD/USB/DVB-T/AV in.

2. MUTE

Disable Audio output.

3.0-9 NUMBER BUTTON

Selects numbered items in a menu.

4.INFO

To display the playtime and status information.

5.10+ BUTTON

In order to select a track 10 or greater, first press 10+, For example; select track 12, first press 10+, and then press number 2 button.

6. PBC/FAV

PBC on/off switch(VCD) in DVD mode.

Open Favorite Programs List Menu in DVB mode.

7.AUDIO

DVD Press AUDIO repeatedly during playback to hear a different audio language or audio track, if available.

CD VCD Press AUDIO repeatedly during playback to hear a different audio channel (Left,Right,Mix,Stereo).

8.PLAY/PAUSE

Press PLAY/PAUSE once to pause playback, pressing PLAY/ PAUSE second time will resume the playback.

9.STOP

When this button is pressed once, the unit records the stopped point, from where playback will resume if PLAY(▶▶) is pressed afterwards. But if STOP button is pressed again instead of PLAY(▶▶) button, there will be no resume function.

10.STEP/TV/RADIO

Step the motion in DVD mode.

Switch between TV and Radio source in DVB mode.

11.VOL+

Adjust volume

12.Forward Skip

Go to next chapter/ track.

13.Reverse Skip

Go to previous chapter/ track to the beginning.

14. ▶▶ BUTTON

Press ▶▶ BUTTON allow skipping ahead at 5-level speed(X2->X4->X8->X16->X32->PLAY), press PLAY button return to normal playback.

Parental password : "1369"

Identification of Controls

Remote control unit

15. ⏮ BUTTON

Press ⏮ BUTTON allow skipping back at 5-level speed(X2->X4->X8->X16->X32->PLAY), press PLAY button return to normal playback.

16. ⏻

Turn on/off the power.

17. SEARCH

Goto time point , title or chapter you want in DVD Mode.

18. SUBTITLE

Press SUBTITLE repeatedly during playback to hear a different subtitle languages.

19. ANGLE

DVD :Press ANGLE will change the view angle, on DVDs that support this feature.

20. ● / TITLE

DVB Enter Record
Return to DVD title menu

21. ENTER

Confirms menu selection..

22. REPEAT

Press REPEAT during playback to select a desired repeat mode.

DVD : you can play select repeat chapter/title/off.

VCD **CD** : you can select repeat single/all/off.

23. VOL-

Adjust volume

24. SETUP

Accesses or removes setup menu.

25. SLOW

Press Slow button repeatedly to enter slow playback, and cycle between different speeds. The speeds are 1/2, 1/4, 1/8, 1/16, and normal.

26. PROGRAM

DVD **VCD** :The program function enables you to store your favourite tracks from the disc. Press PROGRAM button ,then PROGRAM MENU will appear on screen, now you can use the number key to direct input the titles, chapters or tracks number and select PLAY option. TO resume normal playback, press PROGRAM and select clear program option on the program menu,press PROGRAM again to exit program menu.

Open EPG in DVB mode.

27. ZOOM

DVD **VCD** : Use ZOOM to enlarge or shrink the video image.
1. Press ZOOM during playback or still playback to activate the Zoom function. The square frame appears briefly in the right bottom of the picture.

2. Each press of the ZOOM button changes the TV screen in the following sequence:

2X size → 3X size → 4X size → 1/2 size → 1/3 size → 1/4size→normal size

JPEG : Use ZOOM to enlarge or shrink the picture.

1. Press 'ZOOM' .

2. Used "▶▶" to enlarge, or "◀◀" to shorten the picture.

Use the ▲▼◀▶ button to move through the zoomed picture.

28. RED/GREEN/YELLOW/BLUE KEY

Some specific function in DVB mode.

Parameters and specifications

Electronical parameters

Item	Standard requirement	
Power requirements	: AC 100-240 V , 50/60 Hz	
Power consumption	: <12W	
Operating humidity	: 5 % to 90 %	
Output	VIDEO OUT	:1 Vp-p (75Ω)
	AUDIO OUT	:1.4 Vrms (1 KHz, 0 dB)
	Audio	:Speaker:1WX2,Headphones output

System

Laser	:Semiconductor laser, wavelength 650 nm
Signal system	: NTSC / PAL
Frequency response	: 20Hz to 20 kHz(3dB)
Signal-to-noise ratio	:More than 80 dB (ANALOG OUT connectors only)
Dynamic range	:More than 85 dB (DVD/CD)

N Note: Design and specifications are subject to change prior notice.

Battery Parameters

Battery Specifications:

Output: 7.4V

Charge / Discharge Time:

Standard charge time: 3h ~ 4h

Storage and work circumstances:

1. Storage circumstances	Temperature	Humidity
6 months	-20°C ~ +45°C	65±20%
1 week	-20°C ~ +65°C	65±20%
2.Work circumstances	Temperature	Humidity
Standard charge	0°C ~ +45°C	65±20%
Standard discharge	-20°C ~ +65°C	65±20%

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.



- (1) Select [OSD Language] and press RIGHT/LEFT key to select a language.
- (2) Select [Country] and press RIGHT/LEFT key to select your country of residence.
- (3) Select [Channel Search] and press RIGHT or OK key to begin Automatic channel search.
- (4) Once channel tuning is complete, you are now ready to watch TV.

Basic Operation

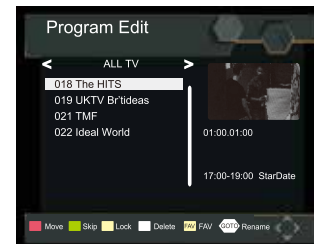
Program Manage Settings

To access the Menu, press the SETUP button and select [Program]. The Menu provides options to adjust the Program Manage Settings. Select an option and press OK or RIGHT to adjust that setting. Press the EXIT button to exit the Menu.



Program Edit

To edit your program preferences (lock, skip, favourite, move or delete), you will need to enter the Program Edit Menu. This Menu requires a password to access. Enter the default password '000000'.



First Time Installation

Set Favourite Program/s

You can create a shortlist of favourite programs that you can easily access. Set Favourite TV or Radio program:

1. Select the preferred program then press the PAVOURITE button. A heart-shaped symbol will appear and the program is marked as a favourite.
2. Repeat the previous step to select more Favourite programs.
3. To confirm and exit the Menu, press the EXIT key.

Disable Favourite TV or Radio Program:

Press the FAV button on the Remote Control with the heart-shaped symbol.

View Favourite Programs:

1. Press the Fav button and the Favourite Menu will appear.
2. Press UP/DOWN to select your Favourite Programs.
3. Press OK to select your favourite program.

Delete a TV or Radio Program/s

1. Select the Program and then press the BLUE button A message will appear. Press OK to delete the program.
2. Repeat the previous step to select more programs to delete.

Skip TV or Radio Program/s

1. Select the program you would like to skip and press the GREEN button A skip symbol is displayed. The program is marked as a skip.
2. Repeat the previous step to select more programs.
3. To confirm and exit the menu, press EXIT key.

Disable a skip TV or Radio Program:

Press the GREEN button on the skip program with the skip symbol.

Move a TV or Radio Program/s

1. Select the preferred program then press the RED button. A move symbol will appear.
2. Press UP/DOWN to move the program.
3. Press OK to confirm.
4. Repeat the above steps to move more channels.

Lock Program/s

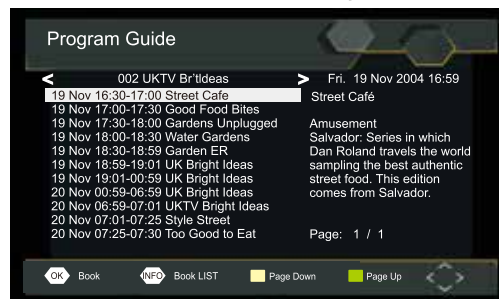
You can lock selected programs for restricted view.

Lock a TV or Radio Program:

1. Select the preferred program then press the YELLOW button. A lock-shaped symbol is displayed. The program is now marked as locked.
2. Repeat the previous step to select more programs.
3. To confirm and exit the menu, press the EXIT button.
4. Press the YELLOW button to disable the locked program.
5. To view the locked program, you will be required to enter either the default password '000000'.

EPG (Electronic program guide)

The EPG is an on-screen TV guide that shows scheduled programs seven days in advance for every tuned channel. Press the EPG button on the Remote Control to access guide.



You can use the UP/DOWN key to select the preferred program. If there is more than one page of information, use the BLUE button for page up and the YELLOW button for page down.

First Time Installation

Sort

Sort your channels from the following options:

[LCN] - Sort the channels in ascending order.

[Name] - Sort the channels in alphabetical order.

[Service ID] - Sort the channels according to the station.

LCN (Logical channel number)

Set LCN on or off.

Video Setting

To access the Menu, press SETUP then select [Picture]. The Menu provides options to adjust the video settings. Press UP/DOWN to select an option and press RIGHT/LEFT to adjust that setting. Press EXIT to exit the menu.



Aspect Ratio

You must set the display format to either 4:3 PanScan, 4:3 Letter Box, 4:3 Full, 16:9 Wide Screen, 16:9 PillarBox or Auto to get the maximum display when watching TV.

TV format

If the video does not appear correctly, you need to change the settings. This should match the most common setting for TVs in your country.

[NTSC]: for NTSC system TV.

[PAL]: for PAL system TV.

Channel Search

To access the menu, press SETUP and select [Search Channel]. The Menu provides options to adjust the Search Channel settings. Select an option and press RIGHT/LEFT to adjust the settings. Press EXIT to exit the Menu.



First Time Installation

Auto Search

Search and install all channels automatically. This option overwrites all preset channels.

1. Select [Auto Search] and press OK or RIGHT to start channel search.
2. To cancel channel search, press EXIT.



Manual Search

Install new channels manually. This option adds new channels without changing the current channels list.

1. Select [Manual Search] then press OK or RIGHT. The channel search screen will appear.



2. Press the RIGHT/LEFT key to select the channel frequency.
 3. Press OK to start searching channels.
- If a channel is found, it is saved and added to the channels list. If channels cant be found, then exit the menu.

Country

Select your country of residence.

Time Setting

To access the Menu,press SETUP then select [Time]. The Menu provides options to adjust the time settings. Press UP/DOWN to select an option and press RIGHT/LEFT to adjust the settings.Press EXIT to exit the menu.



Time offset

Select auto or manual for GMT offset adjustments.

Country Region

Select the Country Region when [Time Offset] is set to Auto.

Time Zone

Select the Time Zone Offset when [Time Offset] is set to Manual.

First Time Installation

Option

To access the Menu, press SETUP and select [Option]. The menu provides options to adjust the OSD Language, Subtitle Language and Audio Language. Select an option and press RIGHT/LEFT to adjust the setting. Press EXIT to exit The Menu.



OSD Language

Select an OSD language.

Audio Language

Select the preferred audio language for watching TV channels. If the language is not available, the default program language will be used.

Subtitle Language

Select the preferred subtitle language.

System Setting

To access the Menu, press SETUP and select [System]. The menu provides options to adjust the system settings. Press the UP/DOWN key to select an option and press RIGHT/LEFT to adjust the setting. Press EXIT to exit the Menu.



Parental Guidance

You can restrict access to channels that are unsuitable for children. To restrict/lock the channel you will need to enter either the default password '000000' or your own password.

Set Password

Set or change the password for Locked programs. Enter your old Password or the default password '000000'. You will then be asked to enter your new password. To confirm re-enter your new password. Once it is confirmed, press EXIT to exit the Menu.

Restore Factory Default

Reset your Set Top Box to the Default Factory Settings. In Main Menu select [Restore Factory Default] and press OK or RIGHT to select. Enter your password or the default password '000000' and press OK to confirm. This option will delete all preset channels and settings.

Information

View model, hardware and software information.

Software update

If the status is set "ON", it will begin searching for new software from broadcast according to your preferred time in "Start Time".

First Time Installation

USB

To access the Menu, press the SETUP button and select USB..



Multi-Media

Switch to USB mode and plug in USB to view files.

Technical Specifications

Item	Sub Item	Parameter
Tuner	Input Frequency	170~230MHz 470~860MHz
	RF Input level	-79dBm(T),-75dBm(T2)
	IF Bandwidth	7MHz and 8MHz
	Modulation	QPSK,16QAM,64QAM,128QAM(T2),256QAM(T2)
Video	Decoder Format	MPEG4 AVC/H.265 HP@L4 MPEG2 MP@ML.HL

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	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

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As the end user it is important that you submit your used batteries to the appropriate 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.

Hereby, Inter Sales A/S declares that the radio equipment type MT-1150T2H is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.denver-electronics.com and then click the search ICON on topline of website.

Write modelnumber: mt-1150t2h. Now enter product page, and red directive is found under downloads/other downloads

Warning: Lithium battery inside
Max output power: 12W

Operating Frequency Range: 170~230MHz , 470~860MHz

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