WayteQ ▶

HD-TV100 MP

Digital TV and media player

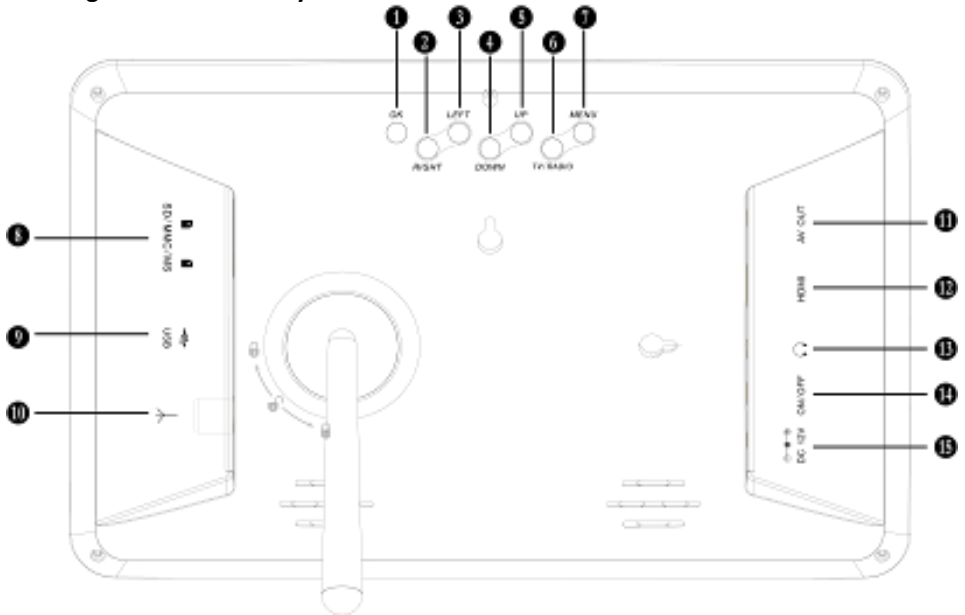## User's manual

1. Functions overview:

FULL HD TV
- ➲ HD Digital TV with MPEG-4(H.264)&MPEG-2, HD&SD standard DVB-T.
- ➲ HDMI HD format output 1080I, also compatible with 720P, 576P.
- ➲ Support TV PVR to Mobile HDD.
- ➲ Modulation format: QPSK, 16-QAM, 64-QAM.
- ➲ Bandwidth: 6, 7 or 8 MHz.
- ➲ Input frequency: VHF 170-230MHz, UHF 470-862MHz.
- ➲ Code rate: 1/2, 2/3, 3/4, 5/6, 7/8.
- ➲ EPG, Teletext and Subtitle.
- ➲ Auto and Manual search for TV channels in many countries (UK, France, Germany, Italy, Czech, Portugal, Australia, Denmark, Russian, Spain, Iran, Poland, etc).
- ➲ Channel Manage functions, including favorite programs, channel lock, program sort, delete TV channels.
- ➲ Support program schedule and parental lock. Display type: 4:3PS, 4:3LB, 16:9.

FULL HD Media Player
- ➲ Full HD Multimedia Player for playback of music, video and photo.
- ➲ H.264 Decoder, decoding up to 1080p@30fps.
- ➲ High resolution Digital LCD Display, up to 800×480RGB.
- ➲ Video playback: AVI, MKV, TS, TP, TRP, M2TS, MPG, MP4, MOV, VOB, DAT, XviD, DivX, JPEG, JPG, BMP, PNG.
- ➲ Audio playback: MP3, WMA, AAC.
- ➲ Built-in JPEG hardware decoder, Digital photo slideshow.
- ➲ Built-in SD/MMC card reader and Memory Stick (optional) and USB 2.0
- ➲ Built-in HDMI, AV out and Earphone jack. Multi-OSD language display.

2. Design and functionality

1	OK
2	RIGHT
3	LEFT
4	DOWN
5	UP
6	TV/RADIO
7	MENU
8	SD/MMC slot

9	USB jack
10	Antenna in
11	AV output
12	HDMI output
13	Earphone output
14	ON/OFF switch
15	Power connection

3. Remote control

⊠	Mute (Sound on/off)
TV/RADIO	Switch between TV/ DVB-T Radio
SWITCH	Switch the display panel and sound of the device off while under HDMI output mode; Switch the sound of the loudspeaker of the device under AV output and earphone mode
INFO	Show the present channel information
1-9，0	Number buttons to select the channel
FR ◀◀	Fast reverse track or video playback
FF ▶▶	Fast forward track or video playback
RECALL	Return to the previous channel; upfolder
FAV	Show Favorite Program list
PREV ◀◀	Previous track, video or photo
NEXT ▶▶	Next track, video or photo
PVR	Record the TV programs while playing TV
PLAY/PAUSE ▶	Play/pause track, video or photo playback
STOP ■	Stop track, video or photo playback
▲	Direction button / Next channel
▼	Direction button / Previous channel
OK	OK
◀	Direction button / Decrease volume
▶	Direction button / Increase volume
REPEAT	Repeat track, video or photo playback
EXIT	Exit
MENU	Open the main menu
LIST	Program list
TTX	Teletext mode
EPG	EPG (Electronic Program Guide)
VOL+	Increase volume
VOL-	Decrease volume
AUDIO	Enter to audio mode (if available)
SUBTITLE	Enter to subtitle mode (if available)

4. Getting started – Digital TV (DVB-T)

Switch on the device by setting the ON/OFF switch to the ON position. The main menu will appear. There are six functions are available: [HD TV], [MOVIE], [MUSIC], [PHOTO], [PVR] and [SETUP]. Select the functions by the arrow keys and confirm by the OK key. If installation for the first time, when you select HD TV function and confirm by the OK key, the following installation guide will appear.

Note:

❖ Insure that you are in an area where DVB-T services are available.

❖ **Connect the provided antenna to the device before searching channels properly and tightly.** Otherwise, you will not receive any DTV channels.

❖ **For a better reception of DVB-T signals, please keep the antenna far away from this device, and draw the antenna to a metal surface of non-electronics devices.**

❖ Select the desired On Screen Display language under the field "OSD". For English, select "English" by pressing the ◀ or ▶ keys.

❖ Press the ▼ key to select "Country" menu.

❖ Select the country in which the device is to be used under the field "Country". For England, select "England" by pressing the ◀ or ▶ keys, and press the ▼ key to select "Channel search" menu.

❖ If you wish to receive the DVB-T channels, press the OK or ▶ keys to confirm under the field "Channel search", it will automatically search for DVB-T channels in your area. Press the MENU key to skip and save.

❖ If not, press the EXIT key to return to the main menu.

Note:

❖ If no DVB-T channels found, or you want to re-search the channels, please open the [MENU TV] menu as the following steps:

a If under TV Mode, please press the MENU key on the remote control to open the [MENU TV] menu,

b Under the Main Menu mode, please select the [SETUP] menu and confirm by the OK key. Select [MENU TV] menu by the ◀ or ▶

Use the ▲ ▼ keys to select the desired function, the OK or ▶ keys to confirm, and the EXIT key to exit to the up-menu.

⊃ Auto Search	To start auto search for TV channels in the country selected under the field COUNTRY.	
⊃ Manual Search	To set the manual search options, confirm by pressing the OK key. The dropdown menu will appear. ❖ Select the Channel by the "1-9, 0" number keys or use the ◀ or ▶ keys under the field "Freq Channel". The channel list is from 5 to 70. ❖ If you select "5", then the corresponding information of Freq (MHz) data, Bandwidth and quality will appear automatically. Press the "OK" key to start searching DTV channels, or the "Exit" key to exit.	
⊃ Country	Select the country in which the device is to be used under the field "Country".	
⊃ Program Edit	Input the password to open the program edit table. **The default password is 000000.** You could reorder the channels sequence, Skip, Lock, Delete, and mark as favorite the channels.	
⊃ EPG	Open the Electronic Program Guide and book program schedule here. The device will then automatically switch to the desired channel at the scheduled time.	
⊃ Sort	Select the channel sort method, four options are available: By LCN, By ONID, By Service Name and By Service ID.	
⊃ LCN	To ON/OFF LCN (Logic Channel Number) functions.	

5. PVR – recording & view recorded TV program

Note:
- ❖ Insure to connect the Mobile HDD to the device via the USB interface before recording.
- ❖ Press the PVR key under TV mode, it will start recording TV program.
- ❖ Press the STOP key to open the dropdown menu, press the OK key to stop recording.

Note:
- ❖ To view the recorded files, press the MENU key to open the [Main Menu]. Select the [PVR] menu by the arrow keys and confirm by the OK key.
- ❖ All the recorded files will be found and listed. Select the desired file by the arrow keys and press the OK or PLAY/PAUSE key to view the file. *(Please see point 6.4 PVR.)*

6. HD Media Player – Enjoy Music, Photo & Movie

❖ Insert compatible memory card or USB-device via the interface to slideshow photos, play music or supported video files found.

6.1 Music

Select this function to play the tracks found in the storage media.
You can use the remote control to perform the following functions:

Key	Function
SWITCH	Switch off the display panel and sound while under HDMI output; or the sound of the loudspeaker off while under AV output and earphone mode
◄◄ / ►►	Fast reverse / Fast forward
◄◄ / ►►|	Previous track / Next track
RECALL	Up folder
OK	OK, Play the selected track
▲ / ▼	Direction buttons
◄ / ► ; VOL- / VOL+	Decrease volume / Increase volume
►|	Play/pause the track
■	Stop the track
REPEAT	Select repeat mode
EXIT	Exit (When play the track and press the "EXIT" key, the track will continue playing.)

6.2 Photo – view images

You can use the remote control to perform the following function:

Key	Function
◄◄ / ►►|	Previous image / Next image
RECALL	Up folder
OK	OK, show the selected image
▲ / ▼ ; ◄ / ►	Direction buttons
►|	Slideshow the images
■	Stop slideshow
REPEAT	Select repeat function
EXIT	Exit
AUDIO(RED KEY)	Zoom the image
SUBTITLE(GREEN KEY)	Rotate the image by anticlockwise
YELLOW KEY	Rotate the image by clockwise

6.3 Movie

Select this function to play the videos found in the storage media.
You can use the remote control to perform the following functions:

Key	Function
SWITCH	Switch off the display panel and sound while under HDMI output; or the sound of the loudspeaker off while under AV output and earphone mode
◀◀ / ▶▶	Fast reverse / Fast forward
◀◀◀ / ▶▶▶	Previous video / Next video
RECALL	Up folder
OK	OK, Play the selected video
▲ / ▼	Direction buttons
◀ / ▶ ; VOL- / VOL+	Decrease volume / Increase volume
▶❙	Play/pause the video
■	Stop the video
REPEAT	Select repeat mode
EXIT	Exit
BLUE KEY	Play the video in Preview or Full Screen mode

6.4 PVR

You could use the remote control to perform the following functions:

Key	Function
SWITCH	Switch off the display panel and sound while under HDMI output; or the sound of the loudspeaker off while under AV output and earphone mode
◀◀ / ▶▶	Fast reverse / Fast forward
◀◀◀ / ▶▶▶	Previous file / Next file
RECALL	Up folder
OK	OK, Play the selected file
▲ / ▼	Direction buttons
◀ / ▶ ; VOL- / VOL+	Decrease volume / Increase volume
▶❙	Play/pause the file
■	Stop the file
REPEAT	Select repeat mode
EXIT	Exit
SUBTITLE	Rename the selected file in PVR files list; Select SUBTITLE while play the PVR files in Full Screen mode
YELLOW KEY	Delete the selected file
BLUE KEY	Play the file in Preview or Full Screen mode

7. SETUP – settings

❖ You can change or modify the value of settings under this field. Use the ◀ or ▶ keys to select the settings you wish to change and press the OK or ▼ keys to open the dropdown menu.
❖ Press the OK key to confirm and the EXIT key to save and exit.

7.1 Picture – settings

⊃ Aspect ratio	Change aspect ratio of the display of device here. Four options are available: Auto, 4:3 Full, 4:3 Pan Screen, 16:9 wide screen.
⊃ Resolution	Change the display resolution.
⊃ TV Format	Select the TV format, two options: NTSC, PAL.
⊃ Video Output	Select the Video output mode, two options: Panel, HDMI

7.2 System – settings

⊃ OSD Language	Select the desired On Screen Display language.
⊃ Subtitle Language	Select or switch off the desired Subtitle Language.
⊃ Audio Language	Select or switch off the desired Audio Language.
⊃ Parental Guidance	Input the password to open the Parental Guidance menu. You could switch off it or set the parental level from 4-18 ages. **The default password is 000000.**
⊃ Set Password	You could change the password here. **The default password is 000000.**
⊃ Restore Factory Default	To read the factory default settings here.
⊃ Information	Show the information of the device, including: Model Name, SW (software) version, HW (hardware) version.

7.3 USB/CARD – settings

⊃ Photo Configure	To change the settings for image slideshow. *Slidetime:* set the interval time length a photo is to be displayed. *Slide mode:* set the transition effect to be used when the images change. *Aspect ratio:* set to discard or keep the image ratio when slideshow.
⊃ Movie Configure	*Subtitle specific:* set the subtitle font size, NORMAL BIG and Small for choices. *Subtitle BG:* set the background color of the subtitle, Transparent, Gray, Yellow Green, White and Black for choices. *Subtitle font color:* set the subtitle font color, Red, Blue, Green, White and Black for choices.
⊃ PVR Configure	*Record Device:* select the storage media for recording. Format: select to format the storage media or not.

7.4 Time – settings

⊃	Time offset	Select the time offset functions, two options: Auto, Manual.
⊃	Country region	If you select "Auto" under the "Time Offset" field, then the country region of your area will appear.
⊃	Time Zone	If select "Manual" under "Time offset" field, you can select the time zone in which the device is to be used.

8. Technical Data

Display	10.1" Digital LCD display, at 16:9 ratio
Resolution	800×480RGB
Modulation Format	QPSK, 16-QAM, 64-QAM
Bandwidth	6, 7 or 8MHz
Input Frequency	VHF 170-230MHz, UHF 470-862MHz
Trans Mode	2k or 8k FFT
Video playback	AVI, MKV, TS, TP, TRP, M2TS, MPG, MP4, MOV, VOB, DAT, XviD, DivX, JPEG, JPG, BMP, PNG.
Audio playback	MP3, WMA, AAC
Power requirement	DC 12V 1.5A
Speaker output	8Ω1W×2