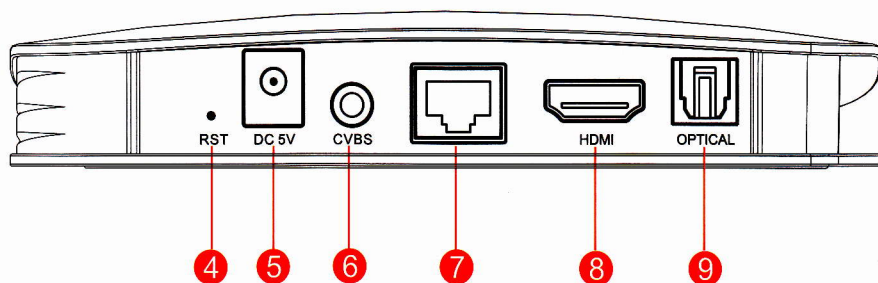
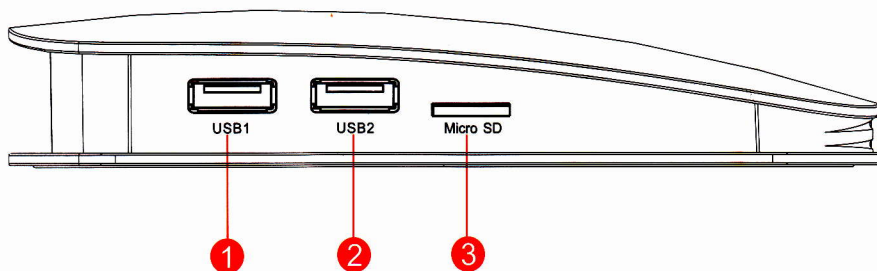


1/ INTERFACE



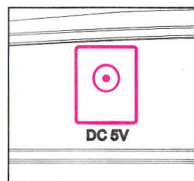
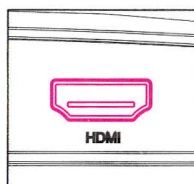
1. USB 1: Connect USB devices, such as U disk .
2. USB 2: Same as USB1.
3. Micro SD; Micro SD slot-increase the storage size or read files directly from a Micro SD.
4. RST; The key for reset.
5. DC/5V; To connect AC adapter.
6. CVBS; To connect TV set with AV cable.
7. RJ45 LAN; To connect home network devices (routers/switches,etc.).
8. HDMI; To connect the high-definition TV set with HDMI cable.
9. Optical; For audio transmission.

Note: Above interfaces are only for reference ,please make the final goods as the standard.

2/PREPARE

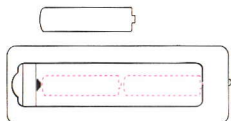
Step 1

Use the HDMI cable to connect X5 TV BOX with your TV set or projection device.
If it is an old TV, please use AV cable to connect X5 TV BOX with your TV set.



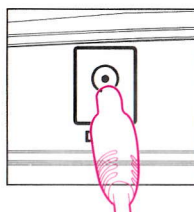
Step 2

Remote Controller: please put the batteries inside the RC. If you will not use the RC for a long time, please take out the batteries.



Step 3

Connect the power



Step 4

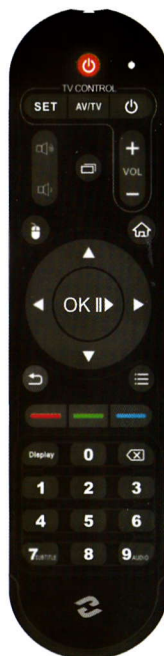
Turn on the TV, turn on X5 TV BOX



3/REMOTE CONTROL

Operational guidelines for learning function:

1. Pressing [SET] for around 3s, unloosing after the light on.
2. Keeping a face-to-face state with the emission mouth of two remote controls, distance from 1~3cm.
3. Single-click the learning button of this remote control, the light will flash slowly; press the learning button that you need to learn with the TV RC about 2s and unloose, the light will flash 3 times quickly then turn on long time, it means finished learning.
4. Repeat step 3, when you need to learn other keys; after finishing learning; press [SET] to exit the learning state.



4/FAULT DIAGNOSIS

Item	malfunction	may because of...	how to do...
1	TV display nothing after turn on the box.	Power of the TV didn't on	Turn on the power of TV
2	Lan cable connected, but box didn't display after having turned on.	HDMI cable is not connected with TV	Check the HDMI cable connection, setup HDMI output in TV
3	No sound output when playing videos	setup volume at 0	volume+
4	Remote control doesn't work	Battery problems	Check the batteries
		There is obstacle between RC and TV box	clear the obstacle
		The angle is too large between RC and TV box	keep the angle $\leq 160^\circ$

CATALOGUE

- 1.Caution
- 2 .Appearance
3. Optional Power Sources
- 4 .Basic Operatione
5. Using the earphone
- 6 .Using an out door antenna
- 7.Trouble and Maintain
8. Specifications
- 9 .Accessories

1) CAUTION

1. Never attempt your own maintenance. If something appears strange, please turn the TV off and consult your TV dealer or the company. The TV is composed of many delicate electronic components that can be damaged or broken if you open the TV or attempt to modify it.

2. Do not expose the TV high humidity. Dust, steam, oily smoke, direct sunlight etc.

3. Do not use thinners or other chemical cleaners. Wipe the TV off with a soft cloth if it gets dirty.

4. Do not leave the TV in excessively hot or cold place. Permissible storage temperatures are within the range of -20°C to $+60^{\circ}\text{C}$, Permissible operation temperatures are within the range of 0°C to 40°C .

5. Only use specified adaptors and power sources and battery pack.

6. For your safety, turn power off when not in use and unplug the adaptor.

7. Avoid dropping and strong impact.

CAUTION: for your safety, the driver should not watch the TV or operate the controls while driving.

PLEASE NOTE: that watching and operating TV while driving is prohibited by law in some countries.

SPECIAL CAUTIONS: that does not mean the TV is broken with some light or dark color dots on LCD. As it is sometimes inevitable with the TFT-LCD technology.

2) APPEARANCE

一、I/O function

1. Input power (DC 12V JACK)
2. Input Computer (VGA JACK)
3. AV choice (AV JACK)
4. Headphones socket (EAR JACK)
5. TV choice (TV JACK)
6. USB JACK

二、Five key function sign

AUTO	MENU	POWER	DOWN	UP
1	2	3	4	5

1, switcher mode 2, menu 3, POWER 4, — 5, +

三、Seven Key function sign



① ② ③ ④ ⑤ ⑥ ⑦

: 1 volume— 2 volume + 3 channel— 4 channel+ 5 menu 6
switcher mode 7 POWER

3) .OPTIONAL POWER SOURCES

AC household current: The optional AC adaptor allows the TV to be powered by standard household current (Please look over the AC adaptor)

The optional car adaptor (apply to the car with “-“polarity connected to the classes) allows the TV to be powered.

By a car battery through the vehicle's cigarette lighter.

CAUTION

Please do not connect the car adaptor to the cigarette lighter with DC +24V of vehicles, such as truck or bus.


You must use the original accessories of this TFTLCD TV. Use of unapproved AC/DC adapter of car adaptor may cause damages to the TV set.

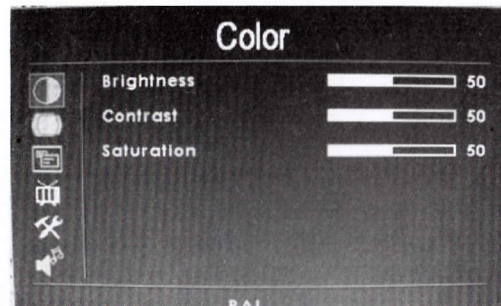
If the TFTLCD TV will be unused for a long time, you must unplug the car adapter from the car adapter from the cigarette lighter or unplug the AC/DC adapter from its outlet.

Other damage to the TV will take place if run out of power of the car rechargeable battery

In general, it is required to use the power adapters enclosed with the TV set. If you will use other AC/DC adapter, you must pay special attention to its voltage and power.

4). BASIC OPERATION

1. Connect the power and switch on the TV. Then the red <stand-by> indicator become green <working>.
2. Press button  or AUTO to switch to PC/AV/TV mode
Plug in the catv cable or telescopic antenna and adjust it to a good position.
3. Press button "MENU" to adjust Brightness, contrast ratio and saturation of color.
4. Picture adjustment as follows: auto, horizontal, vertical, phase, clock.
5. Language mode:
English, simplified
chinese, Francais,
Italiano,
Deutsch,
Espanol, c
omplex form of chinese,
PYCC
6. press volume button to adjust TV sound system.



Brightness	50
Contrast	50
Sharpness	2
Saturation	50

Note:

In the course of manual search, "v+" or "V-" can be used to change searching direction, but you may stop it by pressing "MENU". When you search multisystem TV programs. It needs to set the sound system alone through which most programs can be received. Probably, some TV programs can not be identified, you have to adjust the sound system manually

OPERATION FOR OTHER FUNCTION BY OSD BY MENU IN TV MODE

* System is for sound system options, such as DK/BG/I/MN/L.

PC-RGB OSD MENU

1. There are two OSD menu pages in the mode of PC monitoring.
The first page is picture menu, through which you can adjust the VGA signal transmitted from PC in respect of brightness, contrast ratio. And picture "H-POSITION" and "V-POSITION" center as well to locate the pictures to a suitable position.

* In mode of PC, the unit can support VGA only. I.E. You must set the computer VGA output resolution at 640*480 before connecting

VGA cable, and the refresh frequency set at 60 Hz.

*when PC signal is received, the display may be normal, it need to reset.

Please enter the page 1 of the OSD menu, select "AUTO" and press "V+" or

"V" and enter, the screen will carry out image geometric adjustment auto

atically. and border center will be determined.

*Please and clock adjustment when the input signal frequency shift is too

large, you may adjust if to gain accurate synchronization. The other

items adjustment is the same as that in TV mode.

2、Menu on these condpags is other function and white balance, including language.

reset and display mode, the adjusting method is the same as TV

menu. White balance is for the adjustment of RGB saturation, the factory

set value is 5.0 it can be adjusted as user likes.

3、OSD menu in AV mode.

*There are two OSD menu pages. The adjustment is as TV OSD menu. AV.

5) EAR PHONE

Plug the earphone into the TV port. If you use earphone of other model,

please make sure the quality is ok.

6) EXTERNAL ANTENNA

If the image quality is good enough, please meet the

antenna or the

closed circuit television coaxial cable in antenna, operation schematic

drawing as follows:

7) TROUBLE AMENDMENT

The following conditions do not necessarily mean TV is broken. Please check

the causes as indicated below before requesting the repair service.

Problems	Possible reasons
No sound and picture	Battery pack needs recharge or is not properly connected, AC or car adaptor is not properly connected.
No picture	The channel selection is not done properly Resetting the broadcast channels in other area.
Poor reception	The antenna is not adjusted properly. The channels are not turned in properly.
Dark picture	The antenna is not adjusted properly. The temperature of the using environment is too cold.
Punch-drunk or Unstable picture	The antenna is not adjusted properly. In areas where TV signal is too weak.
Jitters	The antenna direction is incorrect. The TV may be receiving reflecting signals from buildings or mountains in the area.
Disturb such as snowflake	The TV may be receiving electronics or electro-magnetic interference. From car engines, trains, high voltage wires

	Or neon signs.
Poor color	The color is not properly adjusted. The signal is too weak.
No images or the Abnormal coloring when connecting to PC	Check if it is set at VGA mode. VGA cable is connected properly and if the VGA resolution and refresh frequency is correct.
Flickering AV image	AV cables is not connected properly. Plug the cables again.

8) .SPECIFICATION

Name:TFTLCD digital color TV/MONITOR

Reception frequencies: (include CATV hyper band)

VHF-1 49.75-160.25MHz

VHF-3 168.25-464.25MHz

UHF 471.25-863.25MHz

System:PAL (D/K,B/G,H,I,M,N)

SECAM,PAL-M,PAL-N

NTSC (to be selected)

(Annotation: NTSC and PAL are the two main broadcast television systems in use around the world, and they have difference in the frequency of the composite video base band signal. PAL have television standards with 25 frames/s, 625 lines/frame, upper field first. For normal digital PAL television, the standard image resolution is 720*576, 24 bit color depth, it supports aspect ratios of standard 4:3. PAL television standards used principally in China, European countries, refers to power frequency of 50Hz, video image made up of 25 frames per second, 625 lines/frame, video bandwidth 4.2MHz, 5.5 MHz, 5.6 MHz, and so on. PAL, short for Phase Alternating Line, is a color-encoding system used in broadcast television system, with a video format that has 625 lines per frame and a refresh rate of 50

interlaced fields per second (i.e. 25 full frames per second), such as B,G,H,I,N. There are also PAL with other resolution. For example, PAL system M used in Brail is used in conjunction with the 525 line, 29.97 frames/s (is identical to NTSC), using the NTSC color subcarrier frequency, with encoding of the PAL color carrier. Recently, most PAL televisions can receiver typically all of PAL systems. Many can also accept baseband NTSC-M, such as from a video game console or VCR, though not usually broadcast NTSC. There won't be the differences among all kinds of PAL broadcast systems categorized by "Letter" as introduced above, if video signal such as that created by video game console or VCR is transferred over a baseband channel. In the case, PAL is a television system employing 625 lines, 25 frames per second, interlaced fields, encoding of the PAL color carrier. For digital video such as DVD or digital broadcast, there even isn't difference in encoding of color. On this occasion, PAL means 625 lines, 25 frames per second, interlaced fields, that is the same as the SECAM. PAL-I is used in the UK, Hong Kong and Macau, PAL-D in mainland China. And Singapore uses PAL-B/G or PAL-D/K.)

Display element:color TFTLCD

Resolution: 640X480,800X600,1024X768 (to select)

Frequency: 60HZ~75HZ

Audio output: 150mW(max)

Speaker: 8 Ω .2W

Connection terminals:

1. External antenna jack (to select)
2. Earphone jack
3. Power jack
4. VGA jack
5. AV jack
6. USB jack (to select)
1. AC_DC adaptor

Battery-rechargeable battery pack (12V)-car adaptor

Power consumption: $\leq 12W$

type	7"AV/PC/TV	
LCD parameter	Display area	7inch16:9data screenTFT-LCD
	Perfect differentiate ratio	800*480 (select1024*768 640*480)
	contrast	400: 1
	lum	250cd/m2
	integer respond time	$\leq 12ms$
	visual angle	Level 160degree/appeak : 160degree
	refurbish ratio	60-75Hz
	signal input	VGA/AV/TV with BNC
	multicolor model	PAL. NTSC
	screen being in a poor light	LED
	work temperature	0-45 degree
	airframe dimension	180X125X30MM
	bugle	match
	match	computer/video/TV/feeld isplay
	language menu	8 type
	Power	12V . DC1A . power 10W

type	8"AV/PC/BNC	
LCD parameter	Display area	8inch4:3data screenTFT-LCD
	Perfect differentiate ratio	800*600 (select1024*768 640*480)
	contrast	400: 1
	lum	250cd/m2
	integer respond time	$\leq 12ms$
	visual angle	Level 160degree/appeak : 160degree
	refurbish ratio	60-75Hz
	signal input	VGA/AV/TV with BNC
	multicolor model	PAL. NTSC
	screen being in a poor light	CCFL/LED
	work temperature	0-45 degree
	机身尺寸 airframe dimension	210X160X38MM
	bugle	match
	match	computer/video/TV/feeld isplay
	language menu	8 type
	Power	12V . DC1.5A . power 10W

type	8.4"AV/PC/TV	
LCD parameter	Display area	8.4inch4:3data screenTFT-LCD
	Perfect differentiate ratio	800*600 (select1024*768
	contrast	400: 1
	lum	250cd/m2
	integer respond time	<=12ms
	visual angle	Level 160degree/appeak: 160degree
	refurbish ratio	60-75Hz
	signal input	VGA/AV/TV with BNC
	multicolor model	PAL. NTSC
	screen being in a poor light	LED
	work temperature	0-45 degree
	airframe dimension	202X168X30MM
	bugle	match
	match	computer/video/TV/feel display
	language menu	8 type
	Power	12V . DC2A . power 10W

type	10"AV/PC/TV	
LCD parameter	Display area	10inch4:3data screenTFT-LCD
	Perfect differentiate ratio	800*600 (select1024*768)
	contrast	400: 1
	lum	250cd/m2
	integer respond time	<=12ms
	visual angle	Level 160degree/appeak: 160degree
	refurbish ratio	60-75Hz
	signal input	VGA/AV/ BNC/HDMI
	multicolor model	PAL. NTSC
	screen being in a poor light	CCFL/LED
	work temperature	0-45 degree
	airframe dimension	261X201X45MM
	bugle	match
	match	computer/video/TV/feel display
	language menu	8 type
	Power	12V . DC2A . power 10W

type	10.2"AV/PC/TV	
LCD parameter	Display area	10.2inch16:9data screenTFT-LCD
	Perfect differentiate ratio	800*480 (select1024*768 640*480)
	contrast	400: 1
	lum	250cd/m2
	integer respond time	<=12ms
	visual angle	Level 160degree/appeak : 160degree
	refurbish ratio	60-75Hz
	signal input	VGA/AV/TV/NBC/HDMI
	multicolor model	PAL. NTSC
	screen being in a poor light	LED
	work temperature	0-45 degree
	airframe dimension	261X201X45MM
	bugle	match
	match	computer/video/TV/feeldisplay
	language menu	8 type
	Power	12V . DC2A . power 10W

type	10.4"-19" AV/PC/TV/BNC	
LCD parameter	Display area	10.4-19" inch4:3data screenTFT-LCD
	Perfect differentiate ratio	800*600 (select1024*768 640*480) 1280X1024
	contrast	400: 1
	lum	250cd/m2-400cd/m2
	integer respond time	<=12ms
	visual angle	Level 160degree/appeak : 160degree
	refurbish ratio	60-75Hz
	signal input	VGA/AV/TV/BNC/HDMI
	multicolor model	PAL. NTSC
	screen being in a poor light	CCFL/LED
	work temperature	0-45 degree
	airframe dimension	
	bugle	match
	match	computer/video/TV/feeldisplay
	language menu	8 type
	Power	12V . DC2A . power 10W

9) ,ACCESSORIES

- 1、 These products are widely applied in household TV, industrial monitors, touch LCD display, desktop. Vehicle-mounted, POS machines display. Industrial control displayed. Medical instrument. Automation etc
- 2、 Screen resolution, fittings configuration each specification is different. Customers according to need to choose
- 3、 if we improve our product ,we can not inform it. so you should observe the practicality carefully after you buy the product
- 4、 Thank you for chosing the product of our company. We will try our best to satisfy your meet with our perfect design and quality.