TRAXIS

USER'S MANUAL

HIGH DEFINITION SET TOP BOX

Please read this User's Manual carefully.
The menu structure and specification can be changed without notice

Table of Contents

Safety

This receiver has been manufactured to satisfy the international safety standards. Please read the following safety precautions carefully.

Main Supply: 110/240V, 50/60Hz, 25W. Do not overload a wall outlet, extension cord or adapter as this may result in fire or electric shock.

Warning: Unplug this receiver from the wall outlet before cleaning, only use a short-dry soft cloth. Do not use the receiver where contact with or immersion in water is possible. Do not use the receiver in the rain or the moist atmosphere.

Warning: In order to keep proper airflow to this receiver, the slots on top of the receiver must be left uncovered. Do not place the receiver on an unstable object. Do not expose the receiver to direct sunlight or do not place it near a heater.

Warning: Do not use any attachments not recommended by the product manufacturer as they may cause hazards. Disconnect the receiver from the power supply before connecting or disconnecting the cable from the dish or TV, failure to do so may cause damage to the LNB or TV. Be sure that the cable to the dish has been grounded to the system earth.
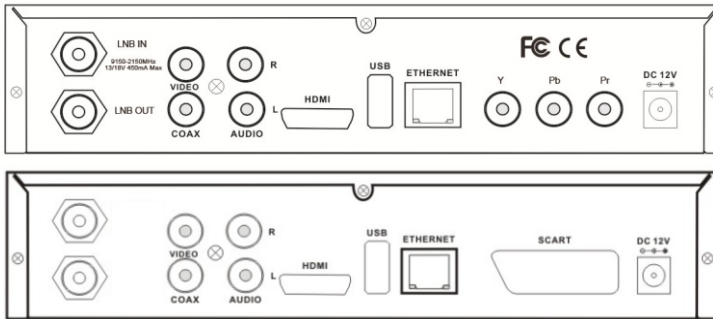
General Introduction

This manual will help you learn basic function such as selecting channels and many other functions of the receiver. All functions can be performed on the remote control. The remote control is designed for easy access to all the functions and is a comfortable fit for your hand. The receiver is designed for your convenient use and you can easily upgrade software and parameters.

Front/ Rear Panel

Front Panel

Rear Panel

1. LNB IN: Connect to satellite antenna

2. LNB OUT: Connect to the other receiver

3. VIDEO: Connect to TV through RCA

4. AUDIO R/L: Connect to TV or audio tuner through audio cable

5. COAX: Connect to a digital amplifier (Hi-Fi)

6. HDMI: Connect to TV through HDMI cable

7. USB: Connect to USB or USB-HDD device

8. ETHERNET: Connect to the Internet

9. Y Pb Pr/ SCART

   Y Pb Pr: Connect to TV set or video projector by Component Video connector

    SCART: Connect to TV through SCART cable

10. DC 12V: Power supply

Remote Control Unit

Key	Function
StandBy	To turn STB on/off.(Switch between operation and standby modes)
Mute	To cut off the sound temporarily, press again to resume
0-9	Number keys
TV	To switch between TV program and Radio
EPG	To display the TV/RADIO program guide. (Electronic Program Guide)
Menu	To display the main menu on the screen
Info	To display the current program information on the screen
Vol+ Vol-	Volume control, or more cursor left/right in menu
PR+ Pr-	To change channels up / down
OK	To confirm the item you choose or edit
PAUSE	To pause the ongoing Video, press again to continue
EXIT	To return to the previous menu and Screen
STOP	To Stop Playing
PLAY	To Start Playing
REC	Record
REW	Play back
SLO/FR-	Slow play backward
SLO/RR+	Slow play forward
FF	Fast forward
OPT	Select Audio output type (L,R,STEREO)
TEXT	Reservation
F1F2	Reservation
Color key	Function key

Full Channel Search

You can automatically detect and save all TV, Radio channels:

Connect your STB to all peripheral devices, turn on the power of all devices, select full band scan in installation menu, press start scan function key and STB will automatically search all TV/Radio channels and save them into channel list.

Basic Operation

Turn on STB

First, connect STB with power supply and correlative devices such as TV set correctly and turn all of them on. If the STB is first used, it will play the program of the first channel from the default channel list, otherwise, STB will play the program of last channel before turning off.

Information

In full screen, press [INFO] key, the parameters of the program you are watching will be on shown.

Channel Up/Channel Down

In full screen, press [CH+/CH-] to change channel.

Volume Control

In full screen, press [VOL+/VOL-] to adjust volume.

Mute

To turn off the sound temporarily, press the mute button; to cancel mute, press the mute button again.

Number

In full screen, use number key and press [OK] on the remote control unit to change channels directly.

Pause

In playing mode, press [PAUSE] key to stop the picture. (Note: the sound of the channel will still continue)

Press [PAUSE] key again, the picture will start again in real time.
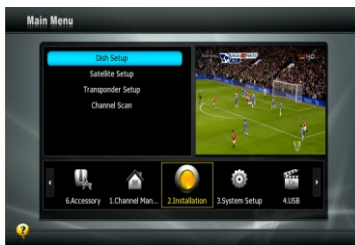
Recall

Press [BACK] key to switch to the previous channel.

Main Menu

Press [MENU] key on the Remote Control and the main menu will show. Press [←/→] key to switch between sub-menu such as Installation, System setup etc., and press [▲/▼]key to select items from one of the sub-menus shown currently. Press MENU key again to exit.

1. Installation

Press [▲/▼] key to switch between the Dish Setup, Satellite Setup, Transponder Setup, Channel Scan, press [Ok] button to enter.

1.1 Dish Setup

◆ Select satellite：Press [←/→] key or [ok] button to select the satellite you want

◆ Transponder: Press [←/→] key or [ok] button to select the transponder you want

◆ LNB Type: Press [←/→] key to select and press [Ok] button to display all LNB type

◆ LNB Power: Press [←/→] key to switch between Auto/ Off/13/18.

◆22K: Press [←/→] key to switch between Auto/On/Off.

◆ DiSEqC1.0: Press [←/→] key to switch between Off and LNB Port 1-4

◆ DiSEqC1.1: Press [←/→] key to switch between Off and LNB Port 1-16

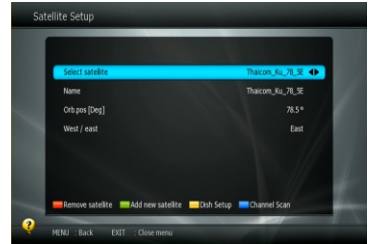◆DiSEqC1.2: Press [←/→]key to switch between Off and On

1.2 Satellite Setup

◆ Select Satellite: Press [←/→] key to select satellites, press OK key to display satellites list.

◆Name: Press [OK] button to access the pop-up keyboard and then edit the satellite name.

◆Orb.pos(Deg): Press [Ok] button to edit satellite position degree.

◆West/East: Select satellite position.

◆ In this menu, Press RED key to remove selected satellite; press GREEN key to add a new satellite; Press YELLOW key to dish setup submenu; press BLUE key to channel scan submenu.

1.3 Transponder Setup

◆ Select Satellite Position: Press [←/→] key to select satellites, press [OK] button to display satellites list.

◆Select transponder: Press [←/→] key to select a specified transponder offered from the satellite or press [OK] button to display transponders list.

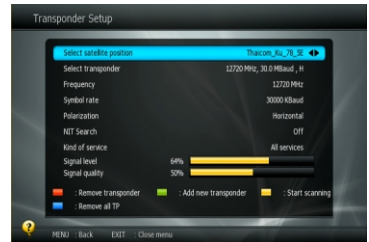◆ Frequency: Press 1-9 number key to enter Frequency parameter.

◆ Symbol rate: Press 1-9 number button to enter Symbol rate parameter.

◆Polarization: Press [←/→] key to choose the Polarization.

◆NIT Search: Press [←/→] key to choose ON/OFF.

◆ Kind of service: Press [←/→] key to choose All/Only Free/Only Encrypted.

◆In this menu, Press RED key to remove selected transponder; press GREEN key to add a new transponder; Press YELLOW key to start scanning; press BLUE key to remove all transponders.

1.4 Channel Scan

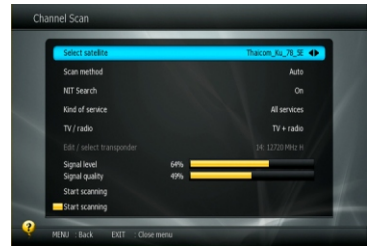◆ Select satellite: Press [←/→] key to select satellites, press [OK] button to display satellites list,

◆ Scan Method: Press [←/→] key to select between the Auto/Manual/Blind mode.

◆ Kind of service: Press [←/→] key to select between the All Services/Only free services/Only encrypted services.

◆ TV/Radio:Press [←/→] key to select between the TV+Radio/TV only/Radio only.

Press YELLOW key start scan directly.

Press Red Button: Stop Scanning.
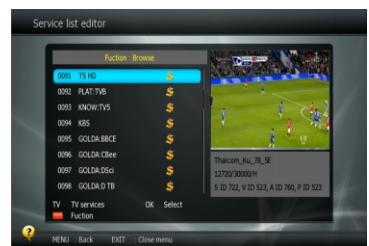
2. Channel Management

Press [▲/▼] key to switch between the Service list editor/Edit FAV List/Delete All, press Ok to enter.
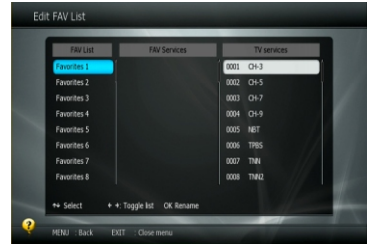
2.1 Service List Editor

Press Red Function key to choose Browse/Rename/Move/Lock/Delete/Sort function
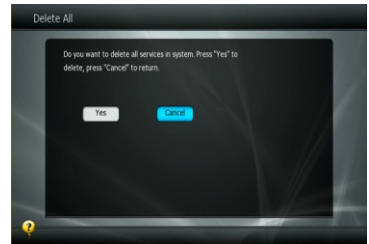
2.2 Edit Favorite list

Press [▲/▼] key to select item from FAV list, you can press [OK] button to edit the name or press [←/→] key to TV services item to select a desired channel and then press [OK] button to add to FAV services item.

2.3 Delete ALL

Select Ok or Cancel to confirm Deleting All program

3. System Setup

Press [▲/▼] key to switch between the Language Setup/Time Setup/AV Setup/System Control/Network Setup/Factory Default, press [Ok] button to enter.

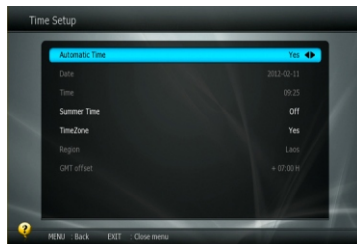### 3.1 Language Setup

In this sub-menu, you can press [←/→] key to select a different language or press [OK] key to display language list and then select a language you want.
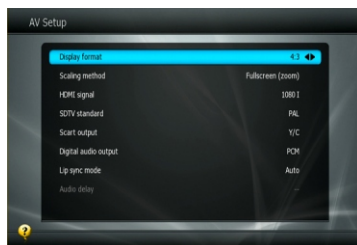
3.2 Time Setup

In this sub-menu, you can select Automatic time "Yes" or "No", if "Yes" selected, the STB will adjust system time and date automatically, If "No" selected, you can modify the Date and Time by yourself using [←/→] key or [OK] button to enter. You can adjust your Summer Time and Time Zone using [←/→] key or [OK] button.

3.3 AV Setup

◆ Display format: Press [←/→] key to select display format at 4:3/16:9.

◆ Scaling method: Press [←/→] key to select scaling method at Pillar-/Letterbox/Fullscreen(Zoom)/Fullscreen(CCO)/Let TV Scale.

◆ HDMI signal: Press [←/→] key to select HDMI signal at 1080i/720p/480/576p/480/576i.

◆SDTV standard: Press [←/→] key to select SDTV standard at PAL/NTSC/SECAM/PAL-M/PAL-N/PAL-N ARGENT.

◆ Digital audio output: Press [←/→] key to select digital audio output at PCM/Original.

◆ Lip sync mode: Press [←/→] key to select Lip sync mode at Auto/Manual.

3.4 System Control

◆OSD display time: Press [←/→] key to modify.

◆Menu lock: Press [←/→] key to select menu lock On or Off.

◆Change password: Press [OK] button to modify, using 1-9 number keys to set password.

◆Viewing age: Press [←/→] key to modify.

◆Parental Control: Press [←/→] key to select between ON/OFF.

3.5 Network Setup

◆DHCP: Right or Left key to change the DHCP mode for network.

◆ IP address: IP address, you can input the IP address when DHCP is off mode

>Subnet mask: IP mask, change by number key 0-9.

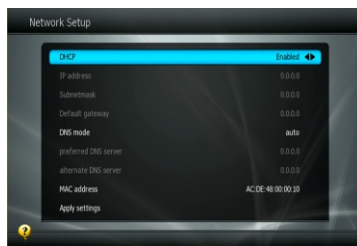◆Default gateway: network gate way, change by number key 0-9.

◆DNS mode: Right or Left key to change.

◆Preferred DNS server: DNS server, change by number key 0-9.

◆Alternate DNS server.

◆MAC address: can change MAC address by number key 0-9.

In this submenu, you can select the appropriate network setting parameters according to different network formation, such as DHCP, DNS etc..
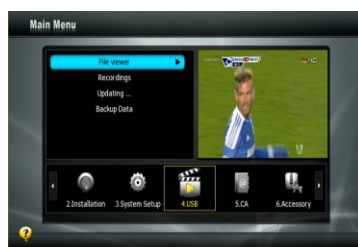
3.6 Factory Default

Select OK to restore factory setting, any of your modifications will be lost, or select EXIT to preserve your modifications and exit.

4.USB

Press [▲/▼] key to switch between the File viewer/Recordings/Updating/Backup Data, press [Ok] button to enter

4.1 File Viewer

◆ Musicbox: Play the MP3 files in USB or USB HDD-disk.

◆ Picture: Play the *.JPG/*.PNG /*.BMP files in USB or USB HDD-disk .

◆ Media viewer: Play *.MKV /*.FLV/ *.MP4/*.TS files USB or USB HDD-disk.

4.2 Recordings

◆ Playback list: Press [Ok] button to browse all files in USB device, you can select one to play, rename or remove.
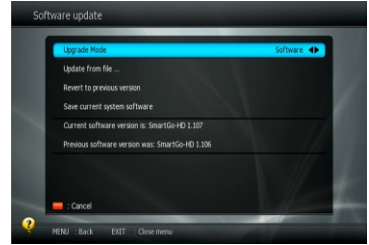
◆ Time programming: Press [OK] button to modify recording plan, you can set, or select one to active or deactivate.
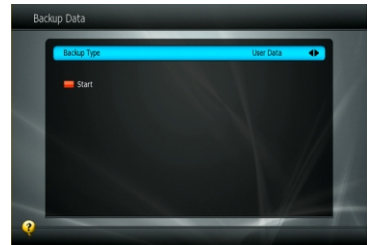
4.3 Updating

In this sub-menu, we offer the functions for user to update system ware/system date/user date/CAMD.
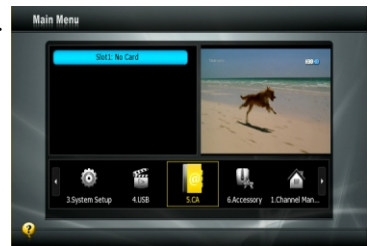
4.4 Backup Date

In this sub-menu, the user can backup the user data to USB memory stick by press RED key to start.

5.Conditional Access

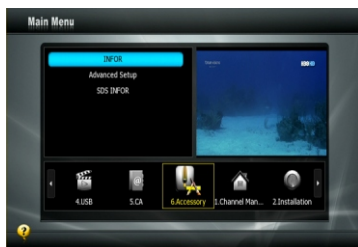Press [Ok] button to show the card information.

6.Accessory

Input password to show the new items.

Press [▲/▼] key to choice INFOR/Advanced Setup/SDS INFOR menu.

6.1 Information

Entering this item, user can browse the detail of software version and decide to update or not.

6.2 Advanced Setup

TWIN: Press Left/Right button to choose TWIN function OFF/ON status.

CAMD: Show the Net-share ON/OFF status.

Specification

Specification

STANDARD RECEIVER STANDARD	DVB-S2 STANDARD (ETSI EN 302 307)	
Input	Input Frequency	950~2150MHz
	Connector	F-Type
	Input Impedance	75Ohms
	Input Level	-25~-65dBm
	LNB Power	13/18V
	LNB Control	22KHz
	DiSEqC	Ver 1.0/1.1/1.2/USALS
	Demodulation	QPSK,8PSK
	Symbol Rate	2~45Mbaud(SCPC/MCPC)
Transport Stream	MPEG-2 ISO/IEC 13818-1	
MPEG Profile Level	MPEG-2 MP@HL, MPEG-4 MP@L4 H.264	
Aspect Ratio	4:3，16:9	
Video Resolution	1080i 50/60Hz, 720p 50/60Hz,576p 50Hz, 576i (PAL), 480p 60Hz, 480i (NTSC)	
Conditional Access System	1 CA Card Reader Slots	
A/V Output ports	RCA with CVBS, HDMI(HDCP), YPbPr or SCART with CVBS Left/Right analog audio output(RCA), Digital audio output(Coaxial)	
Audio Decoding	MPEG1 layer I, MPEG1 layer II, MPEG1 layer III, MPEG2, AC3	
Audio Mode	Stereo/MONO/Left/Right	
DVR Supporting	DVR with USB HDD, Time shifting with USB HDD	
USB2.0 High Speed Host	1 USB 2.0 Port	
File System	FAT12, FAT16, FAT32, NTFS(only support first partition)	
Media Supporting	JPG, BMP, MP3, WMA	
Ethernet Interface	10/100Mbit	
Power Supply	Input DC12V 2A	
Power Consumption	28W Max / 1W Standby	
Dimension	230 (W) ×140 (D) ×39 (H) mm	
Operating Temperature	0^0C to +50^{0}C	