XTRONS®

www.xtrons.com

XTRONS

FV014

USER MANUAL

Thank you for buying this XTRONS product. Please read through these instructions so you will know how to operate this unit properly. After you have finished reading the instructions, keep this document in a safe place for future reference.

Safety Instruction

Please read the following instructions carefully.

1. The power input is DC 12V.
2. Do not expose the receiver to rain, moisture, direct sunlight or place it near a heater.
3. Do not use liquid or aerosol cleaners.
   Use a light damp cloth for cleaning.
4. The hole on the bottom of receiver must be left uncovered to allow proper airflow to the unit.
5. Do not open or remove the cover.

Product Introduction

The company's car digital TV box is compatible with common international standards to transmit digital pictures, sound and television program guide information, now you can get the spirit at ease fast in the process of driving.

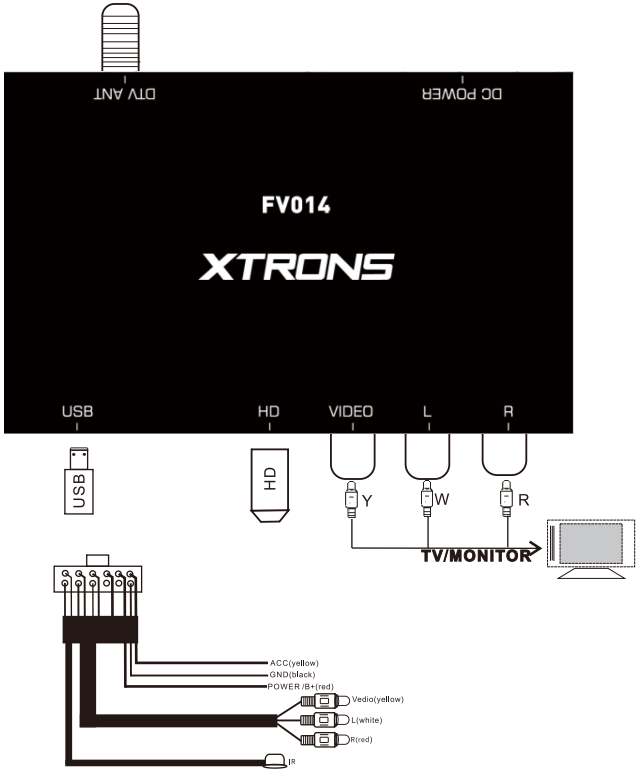
Features

Fully comply with DVB-T/T2 and H.264, MPEG-4, MPEG-2 Standard

- Video resolution: 480i/576i/480p/576p/720p/1080i/1080P
- Support teletext/subtitle/muti-language
- Powerful and highly effective 7-day EPG function
- Video HD output
- USB for software upgrade
- Program parameters memorization when power off
- Can store up to 400 TV/radio stations

XTRONS

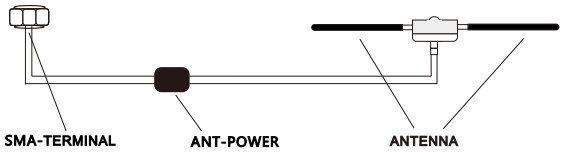
Front And Rear Panel



Size: 111 (L) * 73 (w) * 25 (T) mm

Antenna Installation

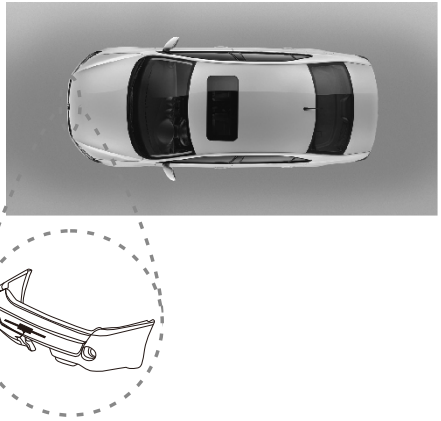
1. Antenna Structure:



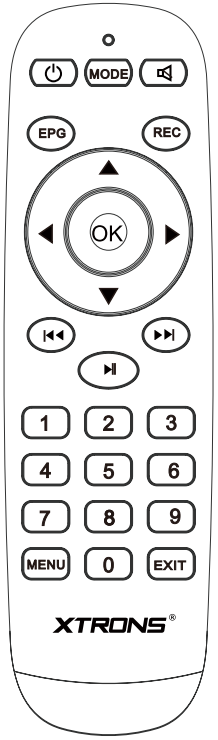
2. Antenna Installation:

Antenna Diversity Reception

Notes: The antenna should be placed horizontally.



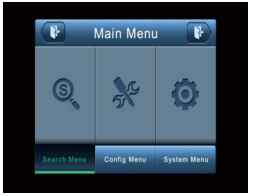
Remote Control Unit(RCU)



- POWER:
Switch the receiver between stand-by & on mode
- MODE:
Select TV and radio mode
- MUTE:
Mute the audio output
- EPG(Electronic Program Guide):
Display the EPG menu.
- REC:
Record the programs to USB disk
-CH(▲ / ▼):
Change channels sequentially up or down in viewing mode and move the cursor up/down in the menu
- VOL(◀ / ▶):
Alter the Audio output level up or down in viewing mode or move the cursor left/right in the menu
- OK / LIST:
Select an item or confirm a selection. Display the channels list
- PREVIOUS(⏮):
Previous track
- NEXT(⏭):
Next track
- PAUSE / PLAY(⏯):
Pause or resume playback
- Numeric Keys (0~9):
For direct entry of channel number or input of alphanumeric characters
- MENU:
Display the main menu
- EXIT:
Return to the previous page or exit.

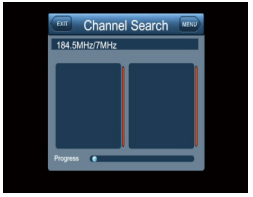
Main Menu

Press “MENU” to display the main menu.



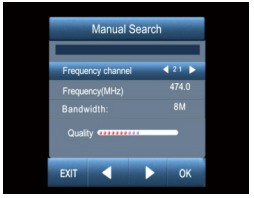
Auto Search

In the Main menu use UP/DOWN keys to select Auto Search item, and press “OK” to enter into Auto Search menu.
The system will search channels automatically.



Manual Search

In the Main menu, In the Main menu, use UP/DOWN keys to select Manual Search item, and press “OK” to enter into Manual Search menu.
1. Press LEFT/RIGHT keys to select a country.
2. Press the numeric keys to enter the channel number, and then perform the manual search.



Picture Setting

In the 'Picture' menu,there are three options: (1)Aspect Ratio (2)Resolution (3)TV Format
Aspect ratio contains multiple 16:9 and 4:3 screen ratio.
Resolution contains 480i, 480p, 720p, 1080i, 1080p.
TV Format contains NTSC and PAL.

Language Setting

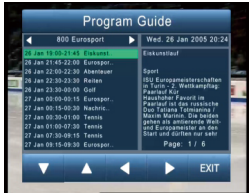
Press LEFT/RIGHT keys to set the subtitle language or the OSD language.

Channel List

When the search is completed, if there is a program, it will automatically play. Press "OK" to display the channels list.
Press UP/DOWN key to select item and press "OK" to switch current channel to your selected channel.

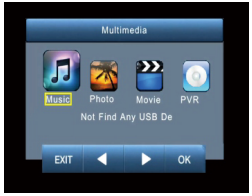
EPG (Electoronic Programs Guide)

In the play menu, press "EPG" to display the EPG menu.
In the EPG menu, it will display channel name, date of the program guide, the program schedule and the program introduction.



USB

This includes Music, Photo, Movie and PVR. Press LEFT/RIGHT keys to select an item, and press "OK" to display the corresponding sub-menu.



Factory Default

In the Main menu, use UP/DOWN keys to select Restore Factory Default item, and press "OK" to restore the factory settings.

Software Update

When there is an upgrade file in the USB flash drive, the USB Upgrade menu will display.
Select the file and press "OK" to confirm the update.
During the upgrade progress, do not turn the power off. Otherwise, it will cause the system crash and the product cannot be powered on any longer.

Specification

- RF input: 1 SMA-type terminal
- Input Impedance@Antenna: 75ohm
- Frequency range: 48M Hz-866M Hz
- Signal level: -85dBm~0dBm
- Bandwidth: 6M/7M/8M
- Demodulation: QPSK,16QAM, 64QAM, 256QAM
- Guard interval: 1/4, 1/8, 1/16, 1/32, 1/128, 19/128, 19/256
- FEC : 1/2, 3/5, 2/3, 3/4, 4/5, 5/6
- Video Decoder:
  MPEG-4 part10/MPEG-2 ISO/IEC 13818
  MPEG-4 Simple/Main/Advanced Profile@LEVEL3(10Mbps) MPEG-2 Main Profile# Main Level(15Mbps)
  H.264 MP#L3 (10Mbps).H.264 HPL4.1 (25Mbps)
- Audio Decoder:
  MPEG-1, MPEG-2 (Layer I/I I), MP3, AC-3 (Dolby Digital), AAC-LC, WMAE-AC-3 (Dolby Digital Plus) decoding
  HE-AAC 5.1 multi-channel decoding
- Video System: PAL/NTSC
- Video output: CVBS/HDMI
- HDMI Resolution: 1920x1080p/1920x1080i
- Audio Output: Left / Right
- IR remote control
- USB for upgrade
- Input Voltage Range: 9V~16V
- Power consumption: <5W
- Operation temperature: -20-70℃,
  Working limit: -25-75℃