

FERGUSON

FBOX3TV

Turns your TV into Smart TV



User manual

English



REMEMBER

1. In order to use an external USB memory, the memory must support the USB 2.0 standard. To ensure stable recording and playback, you must use a memory with a recording speed of 9.0 MB/s or greater. Slower hard disk drives and flash memories may not function properly, have problems with recording or playing (image jitter), or not function at all.
2. Only disks with one basic NTFS or FAT32 partition (we recommend using the NTFS format) will function properly. If you do not have such a format, prepare the disk on your computer before connecting it to the Ferguson FBOX3 TV.
3. Highly fragmented or used memories may also not operate smoothly or correctly.

CAUTION

1. Under no circumstances should you disconnect the USB device from the Ferguson FBOX3 TV during recording or playback. Disconnecting during operation may cause damage to the Ferguson FBOX3 TV and/or flash memory, and to the recorded data.
2. Do not touch the working device (and in particular the USB connector) with wet hands. Risk of electric shock and permanent damage to the Ferguson FBOX3 TV!

GNU/GPL LICENSING INFORMATION

Please consult the legal information available on your device under Settings > About FBOX3 TV or visit <http://source.android.com/source/licenses.html> for more information.

DOWNLOADABLE SOFTWARE

Ferguson has taken every effort to provide users with software updates in order to ensure that the parameters of the Ferguson FBOX3 TV are up to date. Ferguson reserves itself the right to amend, change or modify the software used in the Ferguson FBOX3 TV as it shall choose and without prior notification. The latest version of the software is available on the website <http://www.ferguson-digital.eu>

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Google and the Google logo are registered trademarks of Google Inc.



Please keep in mind that new software may change the functionality of the Ferguson FBOX3 TV. Photographs and descriptions included in the instruction manual are for informational purposes only. If you notice an error, please report it – we shall make every effort to have it rectified.

SAFETY MEASURES

We request that you read the instruction manual and recommendations set forward therein. Also remember to connect suitable power supply!



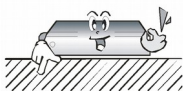
In order to avoid an electric shock, never open the housing. Damage to the warranty seal shall void the warranty.



Disconnect the device from the mains during thunderstorms or when it is not to be used for an extended period of time. Please remember that the warranty does not cover damage to the equipment caused by a lightning strike.



Do not expose the device to direct sunlight. Place it away from sources of heat and humidity. Do not cover ventilation ducts, in order to ensure the correct circulation of air.



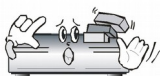
Place the device horizontally on a flat, even and stable surface.



If you move the device from a room that is warm to one that is cold (or vice versa), wait at min. 1 hour before connecting it to the mains. Otherwise, problems may arise.



The device should be placed away from vases, bottles, aquariums and other water containers in order to avoid damage. Do not touch the mains plug with your bare hands.



Do not place any objects on the housing of the device. This may cause overheating and reception problems.

Before commencing maintenance or installation work, disconnect the Ferguson FBOX3 TV from the mains. Do not clean the Ferguson FBOX3 TV with alcohol or liquids containing ammonia. If necessary, clean it with a soft, lint-free cloth wetted with a gentle solution of water and soap.

- Do not connect any cables when the mains plug is in the socket.
- Check the condition of your cables. Damaged cables may cause a fire.
- Please disconnect the Ferguson FBOX3 TV from the mains before connecting any cables.

MARKINGS AND SIGNS APPLIED TO THE Ferguson FBOX3 TV

When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC. Please inform yourself about the local

separate collection system for electrical and electronic products.

Please act according to your local rules and do not dispose of your old products with your normal household waste.

Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste. Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.



Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

CE logo.

The logo informs that the Ferguson FBOX3 TV conforms to the terms and conditions of Directive 2004/108/EC concerning observance by Member States of provisions regulating electromagnetic compatibility, and to the terms and conditions of Directives 2006/95/EC concerning observance by Member States of provisions regulating low voltage electricity and safety with relation to the handling and operation of electrical equipment.

R&TTE Hereby Ferguson Sp. z o.o., declares that the device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. You can find the Declaration of Conformity on www.deklaracje.ferguson.pl

This product has been designed, tested

and manufactured according to the European R&TTE directive 1999/5/EC.



Double insulation logo.

This logo informs that the Ferguson FBOX3 TV is an electrically safe device, provided that it is used in accordance with the recommendations set forward in the chapter concerning safety.



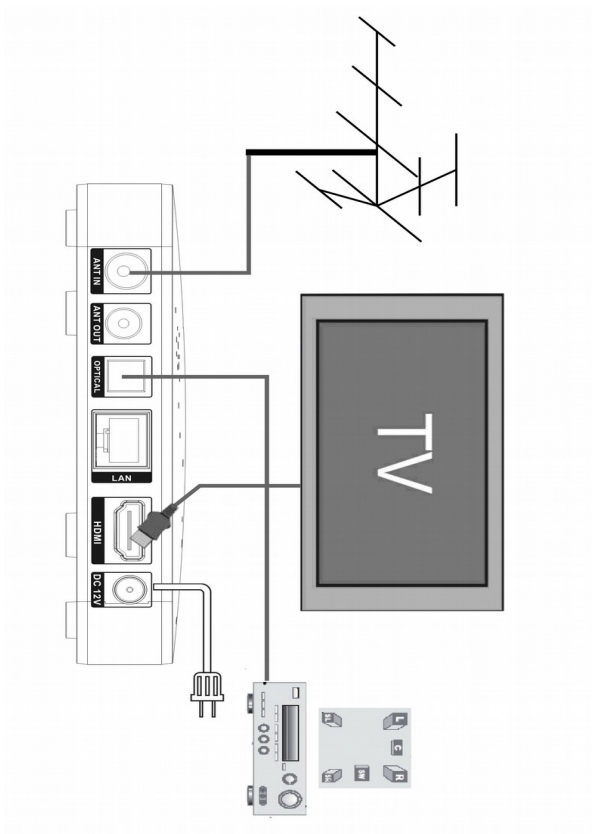
Hot surface mark

CAUTION: HOT SURFACE. DO NOT TOUCH. The top surface over the internal heat sink may become hot when operating this product continuously. Do not touch hot areas, especially around the "Hot surface mark" and the top panel.



When this logo is attached to a product, it means a financial contribution has been paid to the associated national recovery and recycling system.


Connection



Remote control

Due to the standardization of Ferguson equipment, the majority of these devices use the same remote control unit. This means that not all keys are used by this equipment model!

Remote


1. POWER: To switch ON/OFF the receiver power supply.
2. MUTE: To mute or restore the sound
3. TV/RADIO: To switch between TV and RADIO.
4. NUMBER KEYPAD: To select TV/Radio channel and enter to programming parameters by the numeric keys and to input the character by the alphabetical keys.
5. RECALL: To return to the previously viewed channel.
6. RED, GREEN, YELLOW, BLUE KEYS: Multi-function keys in menu mode.
7.  MENU: Display the context menu.
8. EXIT: To exit from the menu or pop-up window or cancel the present running functions.

-
-
9. PAGE +/-: To move up the cursor to the next or previous page in the menu or channel list.



10. SUB-T: To show subtitle on the channel if it has subtitle information.
11. TXT: To open teletext page on the channel if it has teletext information.
12. FIND: Enter into a menu to search the channel you want.
13. ZOOM: To magnify a certain area on the images
14. OK: To carry out the selection and enter into chosen menu.
15. CH Up/Dn: Turn to the next or previous channel and to move the highlight bar for selecting options to upward or downward on the menu.
16. VOL +/-: To adjust the sound volume up or down and to move the highlight bar for

selecting options to right or left on the menu.


17. FAV: The shortcut key to favorite menu.
18. INFO: The shortcut key to the information menu.
19. GUIDE: The shortcut key to the GUIDE menu.
20. AUDIO: Selects the audio mode among Left / Right / Stereo / Mono
21.  Mouse: Switch to mouse control state.
22. PLAY/PAUSE: to play or pause the file when you press play / pause key.
23. STOP: To stop the current play or to stop the current record.
24. NEXT: To change into the next play.
25. PREV: To change into the previous play

Create a Google Wallet account

You can pay for the items you purchase from Google Play market with a Google Wallet account. You can set one up the first time you purchase an item or ahead of time in a web browser.

Click the Google Play icon on the Home screen. When you open Google Play store for the first time, you must read and accept the terms of service to continue.

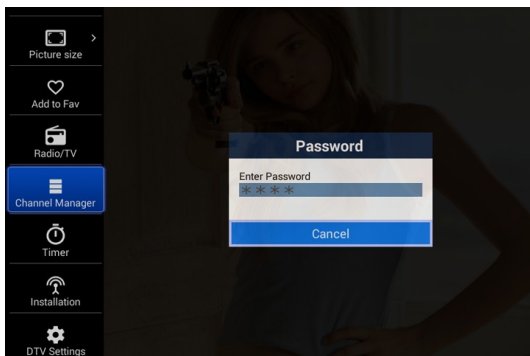
In a web browser, go to <http://wallet.google.com> to establish a Google Wallet account. OR The first time you use your Box to buy an item from Google Play market, when you're prompted to enter your billing information, you can set up a Google Wallet account.

 **Warning!** When you've used Google Wallet once to purchase an application from Android Market, the FBOX3 TV remembers your password, so you don't need to enter it the next time. For this reason, you should secure your FBOX3 TV to prevent others from using and buying without your permission.

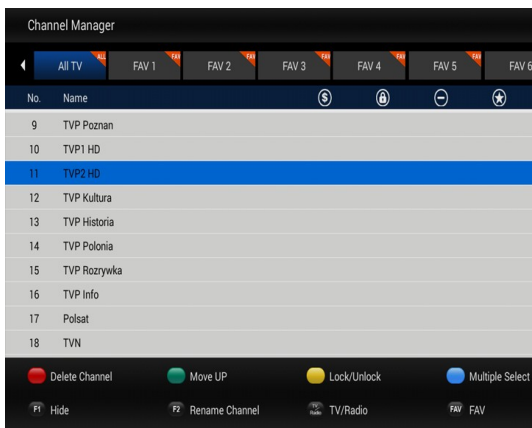
DTV Service

DTV Service running automatic while turn on the receiver. DTV APP shortcut is also available on home page. Tuner supports simultaneously both standards: DVB-T and DVB-T2.

1.1 Channel Manager



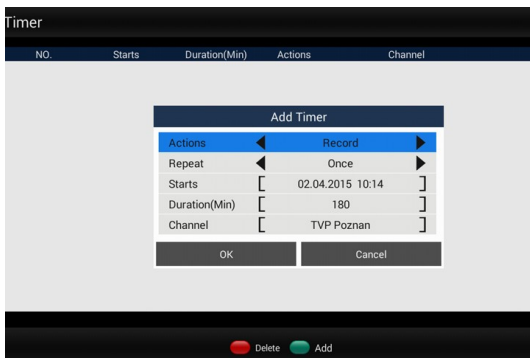
Channel manager support delete channel, move channel, hide channel, lock/unlock channel and rename channel. 16 FAV groups are also available in channel manager. The default password of channel manager is **0000**. All channel manage operation are available in on one page.



1.2 Timer

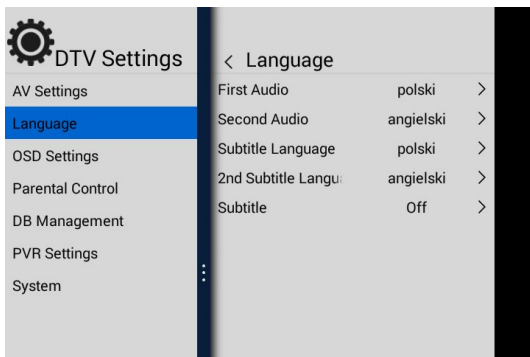
Timer support sets records of the show. You can choose what time to start and the duration time. Before this, of course, you must ensure your USB/SD card/ hard drive is connected to the Box and its storage capacity would be sufficient to store the recorded TV programs.

When you press the Timer icon, then press the Green key to add, it shows like below. After you set it up, press OK key and it would begin to record TV programs.



1.3 DTV Settings

DTV settings support configurations for the entire DTV base parameter: Subtitle, Teletext, Audio track, Picture size, USB storage device, etc...



1.4 Recordings

The receiver support instant recording, timer recording and GUIDE booking record. Please configure the storage device in DTV settings before start PVR.

| Recordings | |
|----------------------------------|---------------------------------|
| [TVP Poznan_2015-04-02_10-18-33] | Polsat |
| [Polsat_2015-04-02_10-19-35] | Dzień, który zmienił moje życie |
| [TV6_2015-04-02_10-20-28] | 02.04.2015 10:19 |
| [Fokus TV_2015-04-02_10-21-36] | 00:00:40[18,00 MB] |

The user could manage recorded files; you can delete the files you've recorded by pressing the RED key.

| Recordings | |
|----------------------------------|---------------------------------|
| [TVP Poznan_2015-04-02_10-18-33] | Polsat |
| [Polsat_2015-04-02_10-19-35] | Dzień, który zmienił moje życie |
| [TV6_2015-04-02_10-20-28] | 02.04.2015 10:19 |
| [Fokus TV_2015-04-02_10-21-36] | 00:00:40[18,00 MB] |

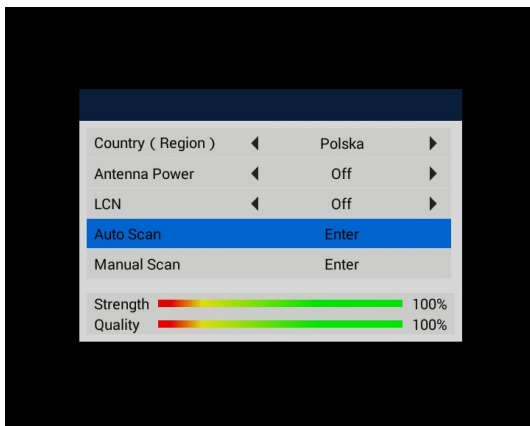
Delete

Delete?

Confirm Cancel

1.5 Installation



When you enter the Installation menu, you can choose Antenna Power ON/OFF, Country Setting and Tuner System by pressing the Left/Right keys. It will show the screen like the picture above.



Besides, you can also choose Auto Scan and Manual Scan. If you select the auto scan, it will start to scan automatically. If you select the manual scan, please enter the channel No, frequency and the Bandwidth before your operation.

1.6 GUIDE

The receiver support 7 days GUIDE. Press Left/Right, Up/Down key to look for GUIDE in the next 7 days, press BLUE key to reserve play program or record program. Press OK key to get detail information of the program.

| GUIDE | | | | | | | 9.TVP Poznan |
|-------------------|--|-------------------|-----------------|-----------------|---|--------------------|---------------------|
| | | | | | | | 02.04.2015 19:17:35 |
| 02.04 Thursday | 03.04 Friday | 04.04 Saturday | 05.04 Sunday | 06.04 Monday | 07.04 Tuesday | 08.04 Wednesday | |
| 10:15~10:35 | Dla niesłyszących - Co niesie dzień | | | | | | |
| 10:35~10:45 | Pogoda - 2.04 - 2 | | | | | | |
| 10:45~11:10 | Naszaarmia.pl - odc. 154 | | | | | 12+ | |
| 11:10~11:45 | Męska strefa | | | |  | 6+ | |
| 11:45~11:55 | Jan Paweł II też kochał tęczę | | | | | 12+ | |
| 11:55~12:15 | Nożem i widelcem - odc. 78) Jaja w sosie majonezowym z kielbaską, baba wielka... | | | | | | 12+ |
| 12:15~12:40 | Dekorady | | | |  | 12+ | |
| 12:40~12:45 | Wokół nas - pogoda | | | | | 12+ | |
| 12:45~13:00 | Agrobiznes | | | | | 12+ | |
| 13:00~13:15 | Kamień, nożyce, papier - Murale | | | | | 12+ | |

OK Detail CH- CH+ Timer



NOTICE: All the Instructions and pictures here are for reference only, please make the product you have as the standard and refer to the actual items.

Download and install an application

1. Find an application you want and open its details screen
2. In the application's details screen, you can read more about the application including its cost, rating and user comments, and information about the developer.
3. Click to download and install the application. (If it's a paid application, the button is labeled with the price).

Browse for applications

You can browse applications by category and sort them in different ways.

1. On the Google Play home page, Click a top-level category, such as Apps or Games. Click a subcategory to view its list of applications.
2. Scroll to view subcategories and Click the one you want to explore. Click to view top paid, top free, or the most recent applications in this subcategory. Click an application to open its details screen.

Multitasking & Closing application

Press and hold longer HOME button – to see all open application on your device. Choose any you want to switch too or press the up or down key to close them one by one.

Uninstall an application

You can uninstall applications you downloaded from Market using Market. You can also uninstall applications you downloaded from Market and from other locations in the Settings application's Manage Applications screen

1. On the Android Market home screen, press Menu and Click My apps.
2. Click the application to uninstall.
3. Click Uninstall.
4. Click OK in the confirmation dialog.
5. Click the explanation that best matches why you're uninstalling and Click OK.
6. The application is uninstalled. You can install the application again at any time, without charge if it was a paid application.

SPECIFICATION

| Hardware | |
|--------------------|--|
| Chipset | Amlogic S805-B |
| Multi-core CPU | Quad Core ARM® Cortex™ A5 4 x CPU@1.5GHz |
| Multi-core GPU | Quad Core Mali-450 @600MHz |
| RAM | DDR3 1GB |
| Flash | eMMC 8GB |
| Wi-Fi | Built-in 802.11 b/g/n 2.4G/5G dual band |
| Operating System | Android 4.4.2 KitKat |
| Tuner | |
| Demodulator Mode | QPSK,16QAM,64QAM,256QAM (Fully support ETSI EN 302 755 V1.3.1) |
| Frequency Range | VHF 174~230MHz UHF 470~862MHz |
| RF Input Connector | IEC-Female |
| Video | |
| Video Decoding | Multi-format 1080p, H.264 FHD hardware decoder ~ up to 60fps |
| Video Rendering | ~ up to 8 bit depth |
| Video Output | HDMI 1.3(video format default @ Auto), Support HDCP |
| Aspect Ratio | 4:3 16:9 |

| | |
|--------------------------|---|
| Video resolution | 1080p/i 720p |
| Audio | |
| Audio Decoding | WMA,WMAPro,WMV,MGUIDE,AAC, HE-AC,OGG,OGA,FLAC,ALAC,Ape, M4A,RM,MPEG-1 layer1/2, MPEG-2 Layer II,DTS/Dolby Digital, Dolby Digital Plus |
| Audio mode | Mono/Stereo/Left/Right |
| File System | Support NTFS, FAT32, EXT3, EXT4 |
| Power | |
| DC Input Range | 12V/1.5A |
| Power Consumption | Maximum 18W |
| Interface | |
| Front Panel | Standby Key, IR/ LED(Red in standby, blue in working), USB2.0 |
| Rear Panel | ANT IN, ANT OUT, Optical SPDIF, Ethernet Port, HDMI, DC IN |
| Left Panel | 2*USB2.0, SD Slot |
| Physical Features | |
| Operating Temperature | 0°C-40°C |
| Size(WxDxH)in mm | 130*130*22 mm |
| Weight | 230G |