



## User manual

English

Version 01



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# 1 Reference

## 1.1 General Features

- ◆ DVB-T2 Compliant (MPEG-II/ MPEG-IV/ H.264/ H.265)
- ◆ PAL/NTSC Conversion
- ◆ Favorite group and parental lock supported
- ◆ Multi-language menu supported
- ◆ Multi-language audio supported
- ◆ Multi-language subtitle
- ◆ 7 days Electronic Program Guide (EPG)
- ◆ Teletext output through VBI and OSD
- ◆ USB 2.0 Interface



The Adopted Trademarks HDMI, HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.

## 2 Product Overview

### 2.1 Front Panel



1. **POWER LED:** Power Indicator.

2. **SIGNAL LED:** Signal Indicator.

3. **Display:** It displays channel information.

4. **POWER:** Switch between operation and standby modes.

5. **▲ / ▼:** Change channels while watching programmers or change option from up to down.

6. **USB:** USB Host Ports.

### 2.2 Rear Panel



1. **ANT IN:** Connect the DVB-T2 cable.


2. **LAN:** Connect to the internet using an Ethernet cable.
3. **COAXIAL:** Digital Audio output.
4. **HDMI:** Connect to the TV using a HDMI cable.
5. **TV SCAET:** Connect to the TV using a Scart cable
6. **DC 12V:** Connect to the power.

## 2.3 Side Panel



1. **USB:** USB Host Ports.

## 2.4 Remote Control Unit (RCU)

1. **POWER:** Switch between operation and standby modes.
2. : Mute audio.
3. **TV/R:** Switch between TV and radio.
4. **TXT:** Displays the teletext.
5. **EPG:** Electronic Program Guide.
6. **SUB:** Displays the subtitle events.
7. **NUMERIC KEY (0~9):** Change the TV channel or Radio channel.

8. **RECALL**: Show the previous viewed channels list. Or switch to the previous viewed channel.
9. **FAV**: Display favorite channel list you set before.
10. **VOL-◀/VOL+▶**: Change volume in viewing mode; move up and down in the menu.
11. **LIST**: Display list while watching a program.
12. **AUDIO**: Display the audio list.
13. **CH+▲/CH-▼**: Change program; move up and down in the menu.
14. **MENU**: Activate main menu or exit to live channel.
15. **EXIT**: Exit to watching the program directly.
16. **OK**: Confirm the selected operation / Dedicated buttons for HbbTV function.
17. **◀/▶▲/▼**: Dedicated buttons for HbbTV function.
18. **INFO**: Display the program information.
19. **BACK**: Back to current menu step by step.
20. **Red/ Green/ Yellow/ Blue**: Additional function button for the menu.
21. **◀◀**: Back Backward.





22. ►: Play the USB media or play the timeshift.
23. | | : Pause/time shift.
24. ►►: Fast Forward.
25. ●REC: Record.
26. |◀◀: Previous.
27. ►► | : Next.
28. ■: Stop.
29. F1: Additional function button for the menu.
30. TIMER: Enter the timer menu quickly.
31. FIND: Quickly find channels which you want.
32. USB: Enter the USB menu quickly.

### 3 System



## 3.1 Information

**Information** show you the Hardware Version/ Software Version/ Loader Version/ HbbTV Version/ STB Identifier /MAC Address.

## 3.2 Factory Reset

This operation will delete all channels and others settings.

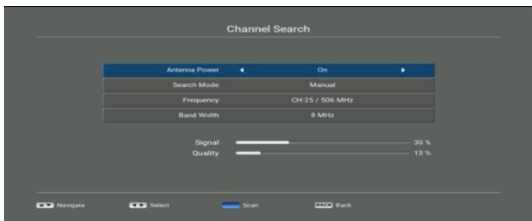
## 3.3 Software Upgrade

Copy the extracted upgrade software to the USB. Find the software, select and press OK button to upgare.

# 4 Channels

*The default password is 0000*

## 4.1 Channel Search



### 4.1.1 Antenna Power

Here you can set the 5V power on or off.

### 4.1.2 Search Mode

**Auto:** Search automatically and save the found channels.

**Manual:** You can choose different Frequency to search for programs.

### 4.1.3 Frequency

Here you can choose different Frequency to search for programs.

### 4.1.4 4.1.4 Band Width

It can fit to the Frequency menu.

## 4.2 Channel Manage



**FAV:** set the favorite group.

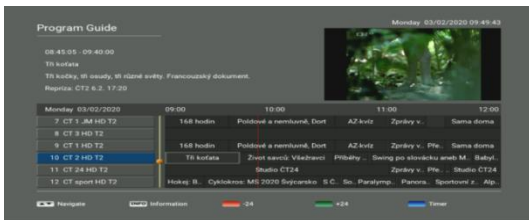
**Lock:** Lock the program you want.

**Skip:** set the programs to skip.

### 4.3 Parental Guidance

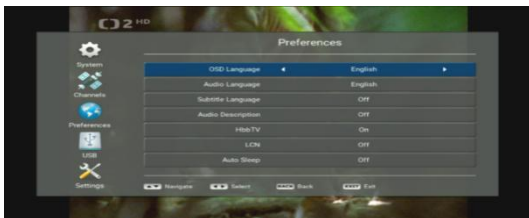
Allows you to set age limits for the program, Here you can set Off/ 4/ 5/ 6/ 7/ 8/ 9/ 10/ 11/ 12/ 13/ 14/ 15/ 16/ 17/ 18.

### 4.4 Program Guide



You can view the EPG information of all channels in time and date order.

## 5 Preferences



## 5.1 OSD Language

Set the menu language.

## 5.2 Audio Language

Set the preferred audio language.

## 5.3 Subtitle Language

Set the subtitle language.

## 5.4 Audio Description

If you set ON, it will open the audio description.

## 5.5 HbbTV

If you set ON, it will open the HbbTV function.

## 5.6 LCN

If you set ON, it will open the LCN.

## 5.7 Auto Sleep

Here you can set the automatic turn off time, you can set Off/ 15 min/ 30 min/ 1h/ 3h.

## 6 USB

### 6.1 PVR



Here you can playback the files you recorded. And the recorded files are saved in folder name PVR.

### 6.2 Movie

It supports: .mkv, .avi, .mp4, .vob, .ts, .mt2s, .flv, .mpg, .3gp, .mov format movie files.

It will enter full screen mode after press OK button.

### 6.3 Music

It supports .mp3, .mp2, .aac format music files.

### 6.4 Photo

It supports .jpg, .png, .bmp, .jpeg, .gif format pictures files.

### 6.5 PVR Config



Here you can set the partition and timeshift limit size.

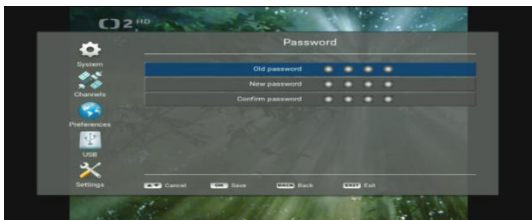
## 6.6 Format



If you press OK button, it will see notification: all data will be delete, do you want to format this partition?

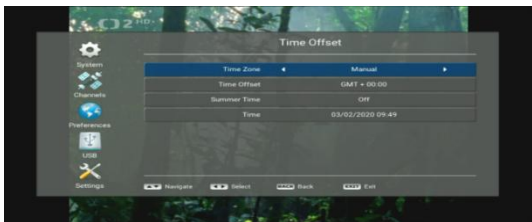
## 7 Settings

### 7.1 Password



The default password is 0000, if you want to change the password, should input the old password, new password and confirm password.

## 7.2 Time Offset



**Time Zone:** Here you can set Auto or Manual.

**Time Offset:** If you set time zone is manual, you can use ◀/ ▶ button to set the time offset.

**Summer Time:** If you set time zone is manual, you can use ◀/ ▶ button to set ON or Off.



## 7.3 AV Setting



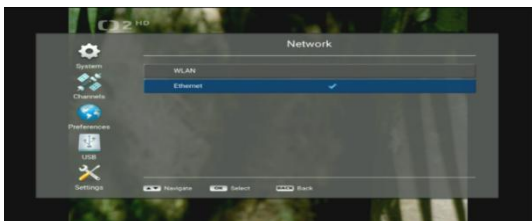
**Digital Audio:** Here you can set PCM or RAW.

**Aspect Mode:** Set the display format according to the screen ratio. Select TV screen mode either 4:3 or 16:9 according to the TV type, Here you can set 16:9 Pillar Box/ 16:9 Full Screen/ 16:9 Extended/ 4:3 Letter Box/ 4:3 Pan & Scan/ 4:3 Extended.

**TV System:** Here you can set PAL or NTSC.

**Resolution:** Here you can press the ◀/ ▶ button to set Set the HD format between 1080p, 1080i, 720p, 576i or 576p.

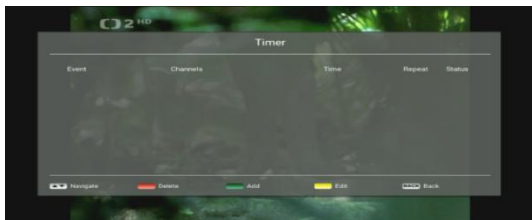
## 7.4 Network



**WLAN:** Here you can plug in the WIFI dongle, and show the AP list.

**Ethernet:** Here you can plug in the network cable, and show the IP Address.

## 7.5 Timer



Here you can set events. It will record or play the program automatically according to the timer event list that you set.

**Red button:** will cancel this timer.

**Green button:** setup a timer, and press the OK button to save the timer after setup.

**Yellow button:** go to edit this timer.

## 8 HbbTV



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HbbTV system is a combination of two networks, broadcast and broadband. Its broadcast network is a DVB network (DVB-T/T2, DVB-S, and DVB-C).

A hybrid receiver has the capability of connecting to broadband and broadcast networks in parallel

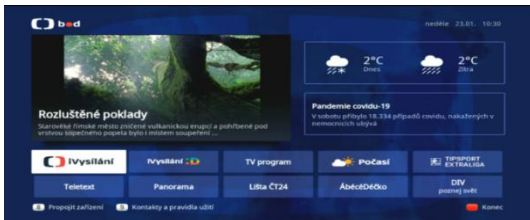
HbbTV service is divided into two types based on their relationship with the content of TV:

◆ programs: HbbTV service related to the content of on-air TV program:

- 1.Quiz show and voting service.
- 2.Different view of sense.
- 3.Sport.

◆ HbbTV service non-related to the content of on-air TV program:

- 4.VoD.
- 5.Rich EPG.
- 6.Informative application
- 7.Game
- 8.Addressable advertisement.



Connect to network (WLAN or Ethernet), play the DVB program with HbbTV function , the **red button** displays HbbTV services. In order not to annoy the user with undesired overlays and to allow a uniform experience for the application start, first a small icon on the TV is displayed which informs the user that HbbTV services are available.

**EXIT button:** Exit to watching the program directly.

**BACK button:** Back to current menu step by step.

**Red/ Green/ Yellow/ Blue button:** Additional function button for the menu.

## 9 Trouble Shooting

Before contacting service centre, please read the tips below carefully. If the problem persists after completing the following procedure, please contact your local product distributor or service centre for further instructions.

### 1. No message displayed on the front display. (The product will not switch on.)

- Check the main power cable and make sure it is plugged into a suitable power outlet.
- Check that the mains supply is switched on.
- Connect the power cable to a different power outlet.

### 2. No picture

- Make sure that the product is powered on and in operation mode. (Press the POWER button)
- Make sure that the AV/HDMI cable is firmly connected to the TV.
- Make sure that the antenna cable is properly connected to the product.
- Be sure to activate channel search.
- Check the brightness level of the TV.
- Check if the channel is currently on air. Contact the broadcaster to ensure that the channel is running.

### 3. Poor picture/sound quality

- Make sure there is no mobile phone or microwave oven near the product.

- Check the signal levels and adjust your antenna if the level is too low. The signal level may be affected by weather conditions.

#### **4. No or poor sound**

- Check that your AV/HDMI cable is connected correctly.
- Check the volume levels of your TV set and the product.
- Check if the product or TV is on mute.
- Check audio type or soundtrack option. (Where applicable)

#### **5. Remote control does not operate.**

- To control the product, the top end of the remote control should point directly towards the receiving part of the product.
- Remove and reinsert the batteries in the remote control.
- Replace the batteries in the remote control for a new set.

#### **6. Cannot connect network.**

- Make sure the network is good.
- Make sure the Ethernet cable is inserted firmly to the LAN router.
- Make sure the WiFi can work on other device.

### **SIMPLIFIED DECLARATION OF CONFORMITY**

Producer: **Ferguson Sp. z o.o., ul. Dworska 1, 61-619 Poznań**

Name: **Ferguson Ariva T800i HbbTV**

Device type: **Digital terrestrial TV receiver**

The above-mentioned product complies with Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonization of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC.

**Full Declaration of Conformity** for download at:

<https://ferguson-digital.eu/deklaracje-zgodnosci/>





