

with **HbbTV**<sup>®</sup>**DVB-T2 HEVC H.265 2USB**

## Hybrid TV receiver - terrestrial TV and HbbTV

- HbbTV - terrestrial television and multimedia from the Internet
- DVB-T2 Compliance (MPEG-II/MPEG-IV/H.264/H.265 10bit)
- PAL/NTSC conversion
- Support for favorite channels
- Parental lock support
- Multilingual menu support
- Multi-language audio support
- PVR support
- 7-day program guide (EPG)
- Teletext output via VBI and OSD
- 2 x USB 2.0 interface
- Multiple media formats support



1 2 3 4 5

## Front panel

- 1. POWER:** Switch between working mode and standby mode.
- 2. UP/DOWN:** Change channels while watching programmer or change up/down options.
- 3. LEDES:** Power and signal indicators.
- 4. DISPLAY:** Display channel information.
- 5. USB:** USB port (second on the side).



1 2 3 4 5 6

## Inputs/outputs

- 1. ANT IN:** DVB-T2 port.
- 2. LAN:** Ethernet port.
- 3. COAXIAL:** Digital audio output.
- 4. HDMI:** HDMI port.
- 5. TV SCART:** Port to connect a TV with a Scart cable.
- 6. DC 12V:** Power supply.

## Description

Ferguson Ariva T800i HbbTV is a universal receiver for terrestrial television broadcast in the **DVB-T/T2** standard. The receiver supports the latest **H.265 10bit** video coding and **Dolby Digital (E-AC-3)** audio coding standards in accordance with the latest European standards for terrestrial television broadcasting.

**A unique function of the receiver is also the reception of an additional information band transmitted via the Internet, broadcast in the HbbTV format.**

Hybrid Broadband Television (HbbTV) is a global initiative that aims to provide open standards for the delivery of advanced interactive TV services over broadcasting and broadband networks to networked TV sets and set-top boxes.

Thanks to HbbTV support, the Ferguson Ariva T800i can display not only TV channels, but also supports additional information and services provided with the channels, eg VOD.

Ferguson Ariva T800i is a terrestrial television receiver offering many possibilities, ready for the latest standards of this television in Poland and Europe.

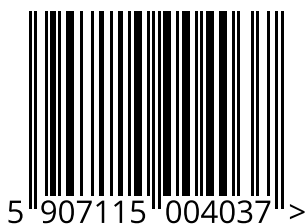
## Remote controller

The Ferguson Ariva T800i HbbTV receiver is supplied with an extremely comfortable, large and intuitive RCU-801 remote controller. The remote control has been specially designed for trouble-free operation of HbbTV functions of the receiver, thanks to which navigating the menu and multimedia materials provided with TV signal via Internet is very simple and fast.



## Technical Specifications

- **Main features**
  - Receiver type: HD DVB-T2 terrestrial TV receiver with HbbTV support
  - Main chipset: Montage MS2456
  - Compatibility: H.265 (HEVC main 10), HbbTV 2.0.1
  - Inputs/outputs: RF IN; Coaxial; HDMI; TV SCART; LAN; USB 2.0 x 2; DC IN; LED display; IR
  - Power Type: DC 12V 1A
- **Chipset**
  - Main processor: MS2456
  - Flash memory: 256MB NAND
  - RAM: 512MB DDR3
- **DVB-T2 tuner**
  - RF In: IEC type
  - Video Frequency Range: VHF: 174-230MHz; UHF: 470-862MHz
  - Input impedance: 75Ω
  - Input level range: -75dBm to ~ -10dBm
  - Demultiplexer: MPEG-4 PART2/MPEG-2 ISO/IEC 13 818
  - Video decoding: MPEG-1, MPEG-2 MP @ ML, MPEG-2 MP @ HL, MPEG-4/H.264/AVC MP @ L4, MPEG-4/H.264/AVC HP @ L4/HEVC 10bit
  - Band: 5, 6, 7, 8MHz
  - Demodulation: QPSK, 16QAM, 64QAM, 256QAM
  - FFT sizes for OFDM: 1k, 2k, 4k, 8k, 16k, 32k
  - Error detection: 1%, 2%, 4%, 8% of all
  - Guard intervals: 1/4, 19/256, 1/8, 19/128, 1/16, 1/32, 1/128
  - Aspect Ratio: 4: 3, 16: 9 including Pan & Scan, Letterbox
  - Video resolution: 480p, 480i, 576p, 576i, 720p; 1080i, 1080p
  - Audio decoding: MPEG-1 layer I/II, MP3, MPEG-2 layer II, HE AAC AC3
  - Sound Mode: Stereo, Left/Mono, Right/Mono
  - Sampling frequency: 32, 44.1, 48KHz
  - Digital audio output: IEC958/IEC1937 digital audio output interface (S/PDIF)
  - Video bandwidth: 5.5MHz (-3dB)
  - Video impedance: 75Ω
  - Video voltage level: 1.0 Vp-p
  - Audio frequency range: 20 ~ 20KHz
  - Sound impedance: 600Ω
  - Audio voltage level: 2V RMS (5.6Vp-p)
- **Software functions**
  - MPEG: MPEG-2/MPEG-4 H.264/HEVC H.265 fully compatible with DVBT/T2
  - HbbTV: For HBBTV 2.0.1
  - WiFi adapter: Via USB port
  - Color coding system: Automatic PAL/NTSC conversion
  - Channel numbering: Up to 5000 TV and radio channels can be programmed
  - Favorites: Selection of 8 different favorite groups
  - OSD Language: On Screen Display with multiple languages
  - EPG: Full support up to 7 days
  - Channel Search: Automatic, Manual
  - Channel Editing: Various channel editing options (Favorite, Move, Lock, Rename and Skip)
  - Parental Control: Yes, for individual channels
  - Easy menu: Yes, easy to use
  - Software update: Via OTA and USB port and Internet
  - Time settings: Time set by automatic and manual GMT offset, daylight saving time support
  - Timer: Auto turn on/off by setting Timer (multiple options)
  - Subtitles: Supports DVB EN300743 and EBU subtitles
  - Teletext: Yes
  - Save channels: Automatic save for the last viewed channel
  - LCN: Yes
  - USB drive: NTFS, FAT32, FAT16 file systems supported (recording, playback, multimedia playback and software upgrade)
  - Media Player: MP3/JPEG/BMP/OGG files
- **Accessories**
  - Remote control: RCU801
  - Battery: 2 x 1.5V AAA
  - User manual
  - Power supply: 12V, 1A
- **Power, physical characteristics, certification**
  - Power adapter: DC 12V1A
  - Power consumption: <12W, standby mode <1.0W
  - Working temperature: -5 ~ 50°C
  - Storage temperature: -10 ~ 60°C
  - CE Certification: Yes
  - RoHS Certification: Yes
  - Dolby license: Yes
  - HDMI license: Yes



**EAN: 5907115004037**  
**Packaging: 20 pcs.**