


PVR
 READY


Card Reader



COMMON INTERFACE


 HD MEDIA
 PLAYER

We recommend / Polecamy

- Ferguson W03 802.11 Wi-Fi USB Adapter (accessory available separately)
- Adapter USB Wi-Fi Ferguson W03 802.11 (akcesoria dostępne oddzielnie)



black



white

Combo satellite, terrestrial and cable TV receiver

- Receives High Definition channels
- PAL upscaling up to 720p or 1080p resolution
- Supports Teletext and Subtitles
- DiSEqC 1.0, 1.1, Unicable and DiSEqC 1.2, USALS support
- MPEG-2, MPEG-4, MPEG-4 AVC/H.264, HEVC/H.265 10bit support
- Fully compliant with DVB-S, DVB-S2, DVB-C, DVB-T, DVB-T2
- Smart Card Interface for pay TV
- Common Interface





Inputs/Outputs

1. **ANT IN**
2. **LNB IN**
3. **S/PDIF**
4. **USB**
5. **LAN**
6. **HDMI**
7. **DC 12V**
8. **SCART**

Description

Ferguson Ariva 255 Combo S is an universal receiver offering access to both satellite TV in **DVB-S2** standard and digital terrestrial television broadcast in the DVB-T standard. The decoder is also compatible with the **DVB-T2** standard encoded with the **H.265/ HEVC 10bit** codec - a new generation of television transmission, offering better quality and coverage of programs broadcasted in the DVB-T2 standard. The device, which has been equipped with two heads, allows you to simultaneously watch one and record the content of the other viewed channel. The high functional values of the Ariva 255 Combo S go hand in hand with a low energy consumption (power consumption in standby mode does not exceed 0.5W).

Ferguson Ariva 255 Combo S is a real multimedia center for your home. A wide range of supported containers and codecs will ensure trouble free playback of most multimedia files.



Front panel

1. **StandBy:** enable/disable the receiver
2. **Keys:** Up, Down, Left, Right, Mute, OK
3. **Display:** green (black color model), blue (white color model), four digits
4. **USB:** USB 2.0 port
5. **CA/CI slot:** Pay TV card support/ CI module support

Remote control

The Ferguson Ariva 255 Combo S receiver is delivered with an extremely convenient and intuitive remote control with RCU-540 symbol. This remote control fits perfectly in the hand, that allows comfortable operation of all the functions of the receiver.



Technical specifications

• Main Features

- STB type: DVB-S2+T2 combo receiver
- Main chipset: ALI M3529
- CPU frequency: 594MHz
- Flash memory: 1PC 8MB SPI FLASH
- SDRAM memory: 1PC 128MB DDR3
- Mechanical: W case
- Interface: ANT in, LNB in, USB, S/PDIF, LAN, HDMI, SCART, DC12V
- Function type: Single CI
- Condition Access: CA

• DVB-S2 Tuner

- Tuner type: M3031 on-board
- Demodulator S2: Embedded
- Frequency range: 950 ~ 2150MHz
- Input impedance: 75Ω
- LNB power and polarization: Vertical 13VDC; Horizontal 18VDC @ 400mA (max) 22KHz±0.4KHz(0.6V±0.2V) tone; Overload Protection
- Input level range: -65dBm ~ -25dBm
- Loop-through: No loop through

• DVB-T2 Tuner

- Tuner type: R836 On board
- Demodulator T2: AVL6762
- Frequency range: 50 ~ 870MHz
- Input impedance: 75Ω
- Antenna power: 5V
- Loop-through: No loop through

• Video Decoding

- Video decoding: MPEG2 ISO/IEC 13818-2 MP@ML, H.264 (MPEG4 part 10) main and high profile level 4.1/ MPEG-2 MP@HL, H.265/HEVC 10bit
- Aspect ratio: 4:3, 16:9
- Video resolutions: 1920x1080, 1280x720, 720x480

• Audio Decoding

- Audio decoding: MPEG-1 layerI/II, PCM downmix, IEC958 S/PDIF
- Sound mode: LEFT/RIGHT/STEREO/MONO
- Sampling frequency: 32KHz, 44.1KHz, 48KHz

• AV Output

- HDMI: HDMI 1.4
- HDMI interface: 480i/p, 576i/p, 720p, 1080i, 1080p
- Video bandwidth: SD:5.0MHz (-3dB)
- Video impedance: 75Ω
- Video voltage Level: 1.0 Vp-p
- Audio freq. range: 20 ~ 20KHz
- Audio impedance: 600Ω
- Audio voltage level: 2V rms (5.6Vp-p)

• Software Features

- MPEG: MPEG2 SD, MPEG2 HD, MPEG4 SD/HD, H.265/HEVC 10bit SD/HD
- CA Type: Embedded Conax
- SCPC/MCPC: SCPC and MCPC receivable from C/Ku band satellite
- PAL/NTSC: Automatic PAL/NTSC conversion
- Channels number: 5000 channels of programmable TV and Radio
- Favorites: 32 different favorite groups selection
- OSD language: Multi-language OSD (English, French, German, Italian, Spanish, Portuguese, Russian, Turkish, Arabic, Polish, etc)
- EPG: Full support up to 7 days Electronic Program Guide (EPG)
- PIG: Picture in Graphics (PIG) support
- Color OSD: 16-bit color On Screen Display
- Network: Automatic network search for newly added transponders
- DiSEqC: DiSEqC 1.2 full support, 13/18V, 0/22K LNB control
- Channel edit: Various channel editing functions (favorite, moving, locking, renaming, deleting and sorting)
- Parental control: Parental control for channels
- Easy menu: Ease to use Menu System
- Software upgrade: Supported via USB
- Timer: 8 Timer reservations with automatic switch to a specific channel
- Subtitle: Subtitle support DVB EN300743 and EBU
- Teletext: Teletext support DVB ETS300472 by VBI and OSD
- Save channel: Automatic save for last channel
- Sort channel: Channel list can be sorted by alphabetic A-Z, Scramble, Favorite, Lock, Sat
- MultiPicture: Dual display – HD and SD simultaneous
- USB disk: Support for FAT16/FAT32/FAT12/NTFS
- Folder browser: Only list JPEG/BMP files
- Games: Games (Tetris, Othello, Sudoku)
- Recording: 1 recording with timeshift capability

• Environment

- Power supply: DC 12V
- Maximum power consumption: Max 18W
- Operating temperature: -5 ~ 45°C
- Storage temperature: -40 ~ 60°C
- Humidity: <95%
- Standby: <0.5W
- Dimensions (LxWxH): 220 x 160 x 40mm



white model EAN: 5907115003801

black model EAN: 5907115003795

Packaging: 10 pcs.