



**BT**  
remote

**DVB S2 T2 C 2USB**

## Combo receiver for satellite, terrestrial and cable TV

- Reception of Full HD channels
- PAL signal scaling to 720p or 1080p resolution
- Support for teletext and subtitles
- Support for 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
- Dolby Digital Plus (E-AC-3) support
- Compatible with DVB-S/S2, DVB-C/DVB-T/T2 systems
- Card reader for pay TV
- CA socket



1 2 3 4 5 6

## Inputs/Outputs

1. **ANT IN**
2. **LNB IN**
3. **LAN**
4. **CA card reader**
5. **HDMI**
6. **SCART**

## Description

Ferguson Ariva 175 Combo is a universal receiver that offers access to both satellite TV in the **DVB-S2** standard and digital terrestrial television broadcasted 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 broadcasting, offering better quality and coverage of programs broadcast in the DVB-T2 standard. Ferguson Ariva 175 Combo also supports the **Dolby Digital Plus (E-AC-3)** standard, necessary for the proper operation of DVB-T2 in many countries. The device, which has been equipped with two heads, allows you to simultaneously watch one and record the content of the other watched channels. The high functional values of Ariva 175 Combo go hand in hand with low energy consumption (power consumption in standby mode does not exceed 0.5W).

Ferguson Ariva 175 Combo 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. **Display:** orange, four digits
2. **Keys:** Channel -, Channel +, Standby
3. **2 x USB** (side panel)
4. **S/PDIF**

## Remote Controller

The Ferguson Ariva 175 Combo receiver is supplied with an extremely convenient and intuitive remote control with the RCU-76 symbol. Thanks to Bluetooth connectivity, you can control the receiver from anywhere in the room without the need to "aim" at the receiver.



## Technical Specifications

### • Main functions

- Decoder type: Combo DVB-T2+S2+C+CA+Radio
- Main chip: MM2230-MC
- Processor frequency: 576MHz
- Flash memory: 8MB
- SDRAM memory: 1GB
- Interface: LNB IN, ANT IN, LAN, HDMI, SCART, DC IN, 2xUSB, S/PDIF
- Additional Features: TouTube, YouPorn
- Module: CONAX

### • DVB-S2 tuner

- Tuner type: TS6011
- Demodulator S2: Built into the main chip
- Frequency range: VHF: 174 ~ 230MHz, UHF: 470 ~ 862MHz
- Input impedance: 75Ω
- LNB power and polarization: 13V/18V, Vertical/Horizontal
- Input level range: -65 ~ -25dBm
- Looped: No

### • DVB-T2 tuner

- Tuner type: TC6800
- T2 demodulator: COFDM (QPSK/QAM16/QAM64/256QAM), Supports all five QAM modes (16/32/64/128QAM/256QAM)
- Frequency range: 47-862MHz
- Input impedance: 75Ohms unbalanced
- Antenna power supply: 5V
- Looped: No

### • Video decoding

- Video decoding: H.265 10bit/HEVC, MPEG-2 SD/HD (MP@HL), MPEG-4 H.264/AVS SD/HD, JPEG, BMP, PNG, Motion JPEG, AVI, VOB, MOV, MKV
- Aspect ratio: 4:3, 16:9, Auto
- Video resolution: 480i, 480p, 576i, 576p, 720p, 1080i, 1080p

### • Audio decoding

- Audio decoding: Multi-standard audio decoding: MPEG-1/2 Layer I/II/III, Dolby AC3/AC3+, Multi-channel downmix to 2-channel for all formats
- Sound mode: stereo/left/right
- Sampling rate: 32KHz, 44.1KHz, 48KHz

### • Audio/Video output

- HDMI: 1.4a with CEC support
- Video bandwidth: 10.2Gpbs
- Video impedance: 30mΩ max
- Video voltage level: 5V
- Audio frequency range: 20Hz-20KHz
- Audio impedance: 30mΩ max
- Audio voltage level: 5V

### • Software features

- MPEG: H.265/HEVC/H.264/MPEG-4/AVS High Definition Digital TV
- CA Type: Multicast
- SCPC/MCPC: Yes
- PAL/NTSC: Yes
- Number of channels: 5000
- Favorites: 16
- Interface language: English/French/Russian/Portuguese/Latvian/German/Italian/Spanish/Polish/Croatian/Slovak/Czech
- EPG: 7 days
- PGI
- Interface color: Blue 16bit
- Network: Yes, wired and Wi-Fi dongle (MTK7601, RTL8188, MTK5370 chipsets supported)
- DiSEqC: DiSEqC 1.0/1.1/1.2/1.3 (USALS)
- Channel Edit: Yes
- Parental Control: Yes
- Easy-to-use menu: Yes
- Software update: Via USB port
- Timers: Yes (max 20)
- Subtitle Support: Yes
- Teletext support: Yes
- Save channel list: Yes
- Channel List Sort: Yes
- MultiPicture: No
- USB media support: Yes (FAT16/FAT32/NTFS)
- Viewing folders: Yes
- HDMI interface: Yes
- Games: No
- Recording: Yes

### • Power, physical characteristics, certification

- Power supply: 12V/1.2A
- Maximum power consumption: 5W
- Working temperature: 0 ~ 45°C
- Storage temperature: 0 ~ 45°C
- Humidity: 0 to 80%
- Power consumption in sleep mode: ≤0.5W
- Dimensions: 141 \* 95 \* 30mm
- RoHS: Yes
- Certificates: CE, ROHS

### • Accessories

- Remote control: Bluetooth
- HDMI cable: 1
- AC adapter: 12V, 1,2A



**EAN: 5907115003962**  
**Packaging: 20 pcs.**



receiver holder  
sold separately

## Holder for mounting the Ariva 175 Combo receiver

mounting to the wall | mounting to the TV

- Complete solution for mounting the receiver
- Mounting to a wall or other surface with screws
- Mounting to the TV using double-sided tape
- Secures the receiver
- Hassle-free control of the receiver using a Bluetooth remote control