



DVB[®] T2 HEVC H.265



Terrestrial TV receiver

- Receives High Definition channels
- PAL upscaling up to 720p & 1080p resolution
- Supports record timers
- Supports Teletext and Subtitles
- MPEG-2, MPEG-4, MPEG-4 AVC/H.264, HEVC/H.265 10bit support
- Fully compliant with DVB-T/T2 standard



1 2 3 4 5

Inputs/Outputs

1. **RF IN:** Antenna input.
2. **HDMI:** High definition audio and video output.
3. **TV SCART:** Analog audio and video output.
4. **RJ-45.**
5. **Power cable.**

Remote Control

The Ferguson Ariva T30 receiver is supplied with an extremely convenient and intuitive remote control with RCU-31 symbol. This remote control fits perfectly in the palm of your hand, which allows you to conveniently operate all the functions of the receiver.



1 2 3 4

Front Panel

1. **USB 2.0 port:** Connection of flash drives.
2. **LED display window:** Channel number display.
3. **CH+/CH-:** Change channels without using the remote control
4. **Power button:** Turns the device on/off.

Description

Ferguson Ariva T30 is a universal receiver offering access to digital terrestrial television broadcasting in the DVB-T standard. The decoder is also compatible with the **DVB-T2** standard encoded with the **H.265/HEVC** codec - a new generation of television broadcasting, offering better quality and coverage of programs broadcast in the DVB-T2 standard. The high functional values of Ariva T30 go hand in hand with low energy consumption (power consumption in standby mode does not exceed 0.5W).

Ferguson Ariva T30 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.

Technical Specifications

• Main Chipset

- CPU Frequency: 1200 DMIPS
- Flash Memory: 4MB
- DDR2 Memory: Embedded 512Mbit DDR2

• DVB-T2 Tuner

- Tuner Type: R836
- Frequency Range: VHF:177.5-226.5MHZ; UHF:474-866MHZ
- Input Impedance: 75Ω
- Antenna Power: 5V

• Hardware

- RF IN: IEC 169-2, Female
- Ethernet: 10/100M
- HDMI: 19 PIN Female HDMI 1.4b
- TV SCART: CVBS Output
- Power: 100-240V AC
- IR: 38KHz
- Display: Digital 4 Digit/8 Segment Display (orange color)
- USB: USB 2.0
- Buttons: CH-, CH+, Power

• TS Demux

- Demultiplexer: MPEG2 ISO/IEC 13818-2 MPEG4 ISO/IEC 14496-2
- Input Bit Rate: Max 100Mbit/s

• Video Decode

- Video Decode: H.265 video (HEVC/H.265 10bit), BP/MP/HP up to L4.1& H.263 P3; H.264 video (ISO/IEC 14496-10), BP/MP/HP up to L4.1 MPEG-4 video (ISO/IEC 14496-2), SP/ASP up to L5; MPEG-2 video (ISO/IEC 13818-2), MP@HL; MPEG-1 video (ISO/IEC 11172-2)
- Aspect Ratio: 4:3, 16:9
- Video Resolution: 1920×1080, 1280×720, 720×480

• Audio Decode

- Audio Decode: MPEG-1 layerII, PCM downmix, IEC958 S/PDIF, Dolby 5.1 channel, Dolby downmix 2 channel, Dolby Prologic2, DD+ (E-AC-3)
- Sound Mode: LEFT/RIGHT/STEREO/MONO
- Sampling Frequency: 32KHz, 44.1KHz, 48KHz

• AV Output

- Video Bandwidth: SD: 5.0MHz(-3dB), HD: 30MHz(-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: SD MPEG-2/HD H.264/H.265& fully DVB-T2/T compliant
- PAL/NTSC: Automatic PAL/NTSC conversion
- Channels Number: 3000 channels TV and Radio programmable
- Favorites: 5 different favorite groups selection
- OSD Language: On Screen Display with multi-language
- EPG: Fully support to 7 days Electronic Program Guide(EPG)
- Color OSD: 16-bit color On Screen Display
- Channel Search: Channel search in automatic, manual search
- Channel Edit: Various channel editing functions (favorite, move, lock, rename and sort)
- Parental Control: Parental control for channels
- Easy Menu: Ease to use Menu System
- Software Upgrade: Software upgrades through USB port
- Time Set: Time set by GMT offset automatic and manual, Summer Time support
- Timer: Automatic turn on/off by Timer setting (multiple options)
- Subtitles: Subtitle support DVB EN300743 and EBU
- Teletext: Teletext support DVB ETS300472 by VBI and OSD
- Save Channel: Automatic save for last channel
- LCN: Support Logic Channel Number (LCN)
- USB Disk: Support FAT16/FAT32/FAT12/NTFS
- Media Player: MP3/JPEG/BMP/OGG files
- Record: Default 2 hours, user can setting the end time, record scramble program and descramble program
- Record file management: Lock/Delete/Rename, Preview playback, Browse record files information
- User play operation: Play/Pause/Stop
- Timeshift: Fast Forward/Fast Backward 2/4/8/16/24, Slow Forward/Slow Backward 1/2, 1/4, 1/8, Bookmark set/Bookmark jump

• Accessories

- Batteries for Remote Controller: 2 x 1.5V AAA

• Environment

- Input Voltage: 100-240V
- Consumption: Max 7.5W
- Operating Temperature: -5~45°C
- Storage Temperature: -40~60°C
- Humidity: <95%
- Dimensions: 140*80*30mm



EAN: 5907115003818
Packing: 20 pcs.

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