

Programmable remote control!



# Terrestrial television receiver

Metal casing!



**H.265**  
HIGH EFFICIENCY  
VIDEO CODING

**E-AC-3**  
COAXIAL

**SMART**  
Apps

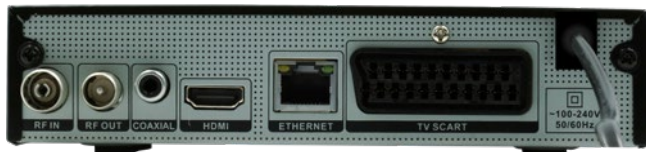
**USB**  
**SCART**



**PVR**  
READY

**DVB T2**  
TERRESTRIAL

- Terrestrial TV reception in the DVB-T2 HEVC/H.265 standard with Dolby E-AC-3 sound
- HDMI CEC support
- Programmable remote control (selected buttons)
- High-quality metal housing
- Smart Apps (YouTube and others - Internet access and appropriate software version required)
- Reception of high definition channels (High Definition)
- Upscaling the PAL signal to 720p or 1080p resolution
- EPG (electronic program guide) support
- PVR and Timeshift support
- Support for programmable timers
- Teletext and screen subtitles support
- Support for MPEG-2, MPEG-4, MPEG-4 AVC/H.264, HEVC/H.265 standards
- A set of connections, including: RF In/Out, COAXIAL, HDMI, SCART
- The device complies with the latest DVB-T2 specifications



1 2 3 4 5 6 7

## Back panel

1. RF In socket
2. RF Out socket
3. COAXIAL socket
4. HDMI output
5. Ethernet
6. TV SCART output
7. Power input

## Remote Control

The Ferguson Ariva T40 receiver is delivered with an extremely convenient, intuitive and programmable remote control RCU-33. The remote control contains a set of buttons necessary to operate the receiver with a centrally located navigation wheel. Thanks to the button programming function, the user can independently assign the corresponding functions to specific buttons, which will speed up and further facilitate the operation of the receiver according to the user's preferences.



4 programmable buttons:  
**TV POWER, TV-IN,  
 VOL+, VOL-**



1 2 3 4

## Front panel

1. USB 2.0 port
2. LED display window
3. CH+/CH- change channels without using the remote control
4. POWER power button

## Description

Ferguson Ariva T40 is a high-quality receiver for receiving terrestrial television. The **metal casing** ensures resistance and stiffness of the entire structure, making the receiver less susceptible to damage and the included remote control offers convenient, intuitive and **programmable** buttons.

The decoder fully supports the latest **DVB-T2** terrestrial television reception standards for broadcast encoded with the **H.265/HEVC** codec with **10-bit color depth** and **E-AC-3 (Dolby Digital Plus)** surround sound. Due to the transition of terrestrial television to the new broadcasting standard, Ariva T40 is an excellent and cheap alternative to replacing the entire TV set that does not support the new DVB-T2 standard. Just connect the receiver to your existing TV set to enjoy trouble-free reception of terrestrial television broadcast in the new standard.

Thanks to the built-in **PVR** function, the receiver allows you to record TV programs and, thanks to the **Timeshift** function, rewind them also while watching. Ariva T40 can also be a player thanks to its support for many popular video and audio file formats and containers.

## Technical Specifications

- **Main Chipset**
  - Chipset: MSTAR 7T10E
  - CPU Frequency: 1200 DMIPS
  - Flash Memory: 4MB
  - DDR2 Memory: Embedded 64GB
- **DVB-T2 Tuner**
  - Tuner Type: R836
  - Frequency Range: VHF:177.5-226.5MHZ; UHF:474-866MHZ
  - Input Impedance: 75Ω
  - Antenna Power: 5V
  - Loop-Through: Signal loop through
- **Hardware**
  - RF IN: IEC 169-2, Female
  - Ethernet: 10/100M
  - HDMI: 19 PIN Female HDMI 1.4b
  - TV SCART: CVBS Output
  - IR: 38KHz
  - Display: Digital 4 Digit/8 Segment Display (blue 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**
  - H.265 video (HEVC/H.265), 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 layer/I, PCM downmix, IEC958 S/PDIF, Dolby 5.1 channel (passthrough), 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: 4 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 mode, 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 for Logic Channel Number (LCN)
  - USB Disk: Support for FAT16/FAT32/FAT12/NTFS filesystems
  - Media Player: MP3/JPEG/BMP/OGG files
  - Recording: Default 2 hours, user can set recording end time
  - Record file management: Lock/Delete/Rename, Preview playback, Browse record files information
  - User play operation: Play/Pause/Stop
  - Timeshift: Supported
- **Accessories**
  - Remote Controller
  - Batteries for Remote Controller: 2 x 1.5V AAA
  - User manual
- **Environment**
  - Input Voltage: 100-240V
  - Consumption: Max 7.5W
  - Operating Temperature: -5~45°C
  - Storage Temperature: -40~60°C
  - Humidity: <95%
  - Dimensions: 168\*105\*35mm
  - Net weight: 300g



**EAN:** 5907115004457  
**Packaging:** 20 pcs