

Code: FERG-ARIVA-175

HD COMBO DVB-T/DVB-T2/DVB-C/DVB-S/DVB-S2 DIGITAL RECEIVER **FERG-ARIVA-175** H.265/HEVC FERGUSON

FERG-ARIVA-175 is a universal receiver that offers access to both satellite TV in the DVB-S/S2 standard, as well as digital terrestrial TV broadcasting in the DVB-T/T2 standard and cable TV DVB-C. The decoder is compatible with the DVB-T2 standard encoded with the H.265/HEVC 10bit codec - a new generation of television broadcasting.

The analog EURO/SCART connector enables cooperation with TV sets that do not have a digital input, e.g. CRT TV sets. You can use the HDMI connection to deliver HD quality signals to your TV. The SPDIF TOSLINK digital audio output allows you to connect the tuner to your home cinema system and listen to the Dolby Digital Plus E-AC-3 multi-channel sound.

The device plays pictures, music and videos - both in SD resolution and in high definition HD. A wide range of supported formats and codecs will ensure trouble-free playback of most multimedia files. The USB port allows to record video data (PVR) to external data media, such as hard disks or flash memory (pendrives). The CA/CI interface enables the use of Pay TV cards and the support of CI modules.



Input frequency:	• 47 ... 862 MHz @ DVB-T/T2, DVB-C, • 174 ... 230 MHz, 470 ... 862 MHz @ DVB-S/S2
Input impedance:	75 Ω
Receiver sensitivity:	-65 ... -25 dBm @ DVB-S/S2
Standard:	DVB-T / DVB-T2 / DVB-C / DVB-S / DVB-S2
Supported resolutions:	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Audio sampling:	32 kHz, 44.1 kHz, 48 kHz
Demodulation:	QPSK (SCPC, MCPC), 8PSK, 16APSK, 32APSK, 16-QAM, 32-QAM, 64-QAM, 128-QAM, 256-QAM
Symbol rate:	2 ... 90 MS/s
FEC:	1/2, 2/3, 3/4, 5/6, 7/8 for DVB-S 1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 5/6, 8/9, 9/10 for DVB-S2
Image format:	4:3, 16:9, Pan&Scan, Letterbox
Audio decoder:	MPEG-1 layer I, II, PCM downmix, MPEG-4 HE-AAC @ Level 4, IEC958 SPDIF
Video decoder:	MPEG2 ISO/IEC 13818-2 MP@ML, H.264(MPEG4-10) MP/HP@L4.1/MPEG2 MP@HL, HEVC - H.265 - 10 bit
Video formats:	Support for many formats and codecs
Supported audio formats:	Support for many formats and codecs
Image formats:	JPEG, BMP



DATA SHEET

HDCP:	✓
Connectors:	• HDMI 1.4, • EURO (CVBS, RGB), • IEC socket, • "F" - LNB socket - 13 / 18 V max. 400 mA, • SPDIF TOSLINK, • 2 x USB 2.0, • RJ-45 socket LAN, • DC 2.1/5.5mm socket - 12 V, • CA/CI interface
Main features:	• DVB-T2 HEVC H.265 compliance • 10-bit color depth signal support - 10-bit color tone depth • Full HD 1080p • Scaling of the PAL signal to the 720p or 1080p resolution • TOSLINK optical output : Dolby Digital (AC-3), Dolby Digital Plus (EAC-3) • Possibility to power the antenna amplifier through a decoder with voltage 5V. • DiSEqC 1.0, 1.1, 1.2, USALS systems support • MPEG-2, MPEG-4, MPEG-4 AVC/H.264, HEVC/H.265 10bit standards support • SD and HD quality channels, Auto detection, 5000 Channels • Separate lists of favourite, TV and radio channels - 32 • Fast channel switching • Channel list edition • Automatic or manual search for available TV and radio channels • PIP - Picture In Picture • Teletext and screen text support • Electronic Program Guide - EPG - 7 days • Teletext • Multimedia player • Timer - recording scheduling • PVR Ready function • Wi-Fi Ready function : Access to network services • Firmware upgrade via USB port • parental control • LED display - green • Manual and OSD menu in Polish language • HDMI control • Automatic power-off • Common Interface Card Reader for pay TV - CONAX system embedded
Power supply:	12 V DC / 1.5 A (power adapter included)
Power consumption:	max. 18 W (operation) < 0.5 W (Standby mode)
Color:	Black
Operation temp:	-5 °C ... 45 °C
Weight:	0.55 kg
Dimensions:	220 x 170 x 40 mm
Supported languages:	Polish, English, Czech, French, Spanish, German, Slovak, Italian
Manufacturer / Brand:	FERGUSON
Guarantee:	2 years