



BT remote control



ARIVA
satellite TV receiver **175 COMBO**

DVB S2 T2 C 2USB



ferguson-digital.eu

Ferguson Sp. z o.o.

Version 01

User Manual

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1 ABOUT THE USER MANUAL

Ferguson Sp. z o.o. has made every effort to provide the most current information about its products. Ferguson Sp. z o.o. does not grant any guarantee as to the contents of the present instruction manual and disclaims any implied guarantees concerning market value or suitability for specific purposes. The information

contained herein is an instruction intended to enable the correct usage and maintenance of the receiver.

Ferguson Sp. z o.o. reserves itself the right to introduce amendments, changes or translations of the instruction manual without prior notification thereof. For this reason, we recommend you regularly visit our website in order to obtain the latest information.

2 SECURITY MEASURES

Please read the user manual and its recommendations carefully. Also remember to correctly position the satellite antenna!



To avoid electric shock, never open the case. Damage to the warranty seal shall void the warranty.



Disconnect the device from the network during a storm or when it will not be used for an extended period of time. Remember that the warranty does not cover damage to the device that is caused by a lightning strike.



Do not expose the device to direct sunlight. Place it away from sources of heat and humidity. Do not cover ventilation vents, in order to ensure the correct circulation of air.



Set the device in a horizontal position, on a flat, even and stable surface.



If you are moving the device from a warm room to a cold one and vice versa, wait min. 1 hour before connecting to electricity. Otherwise, problems may arise.



The device should be kept away from vases, bottles, aquariums and other sources of water in order to avoid damage. Do not touch the power plug with your bare hands.



Do not place any objects on the housing of the device. This can cause overheating and reception problems

Before starting maintenance or installation activities, disconnect the receiver from the electrical network. Alcohol or liquids containing ammonia should not be used to clean the receiver. If necessary, clean with a soft, lint-free cloth moistened with a mild solution of soapy water.

- Do not connect any cables when the power plug is in the outlet.
- Make sure you have working cables. Damaged cables can cause a fire.
- Please turn off the receiver from power when connecting any cables.

3 SOFTWARE DOWNLOADS

Ferguson has taken every effort to provide users with software updates in order to ensure that the parameters of the satellite television receiver are up to date. Ferguson reserves the right to make corrections, changes or modifications to the software used in the satellite television receiver on any basis and without prior notice of such changes. The current version of the software is available on the website of the <http://www.ferguson-digital.eu>

4 MARKINGS AND SIGNS USED IN THE RECEIVER



Digital signal transmission logo.

This logo indicates that the receiver complies with Digital Video Broadcasting standards.



Warning risk of electric shock - do not open.

This inscription warns against opening the receiver housing. Only authorized service personnel are authorized to open the enclosure.



The crossed-out waste container symbol attached to the product means that the product is covered by the European Directive 2002/96/EC. Information on separate storage points for waste electrical and electronic products can be obtained at the place of residence.

Please follow the guidelines of the local authorities and do not dispose of this type of equipment along with other household waste. Proper disposal of old products helps prevent environmental pollution and loss of health.



The product contains batteries described in Directive 2006/66/EC, which cannot be disposed of with other household waste. Please check your local battery disposal regulations as proper disposal helps prevent environmental pollution and health loss.



This device has been designed and made of high-quality materials and components that are reusable.



This logo indicates that the receiver complies with the conditions of Directive 2004/108/EC on compliance by Member States with electromagnetic compatibility regulations and the conditions of Directive 2006/95/EC regarding compliance by Member States with low-voltage and safety regulations related to the operation of electrical equipment.



Ferguson Sp. z o.o. declares hereby that the device meets all the necessary requirements and other the relevant guidelines of Directive 2014/53/EU.

The declaration of conformity can be found on the website at

www.deklaracje.ferguson.pl

This product is designed, tested and manufactured in accordance with the guidelines of the European Directive 2014/53/EU (RED) on radio equipment and telecommunications terminal equipment.



Marking of double insulation.

This logo indicates that the receiver is an electrically safe device if it is used in accordance with the recommendations set out in the safety chapter.



Determination of the hot surface.

NOTE: HOT SURFACE. DO NOT TOUCH. The upper surface of the case above the internal heatsink during product operation can reach high temperature. Do not touch the hot surface, especially the surface around the "hot surface sign" and the top panel.



If this logo is on the product, it means that the fees associated with the relevant recycling and recovery system have been paid.

5 CONTENTS OF THE BOX

Unpack the receiver and check if all the listed items are included

- 1 x Remote Control
- 1 x User Manual
- 1 x Receiver
- 1 x AC adapter
- 1 x HDMI Cable
- 2 x AAA Battery
- 1 x Warranty Card

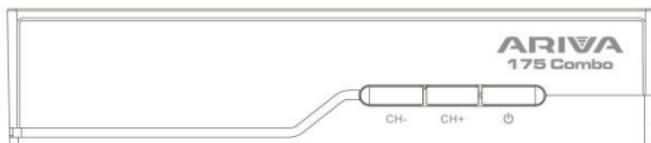
6 IMPORTANT TIPS FOR OPERATING THE RECEIVER

Thanks to the use of the on-screen menu (OSD), the operation of the receiver has been simplified and the number of keys on the remote control has been reduced. All functions are displayed on the screen and can be controlled by a small number of keys. The common functions are combined into one MENU. The selected function is marked with a color. Depending on the option selected, "Function keys" are shown: red, yellow, green, blue in the form of graphics and description. The colors represent the different functions in each menu. By pressing the key on the remote control, the selected function will be triggered. The so-called function keys are active only if there is information about them in the corresponding field. The user interface allows you to navigate within menus and functions in several ways. Direct access to the function is possible thanks to some buttons on the remote control. The buttons are multifunctional, which means that their functions depend on previously activated elements.

NOTE! Please note that the new software may change the functionality of the receiver. Photos and descriptions included in the manual are for illustrative purposes. If you notice an error, please report it, we will do our best to correct it.

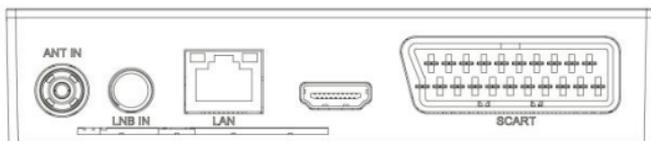
7 DEVICE DESCRIPTION

7.1 FRONT PANEL



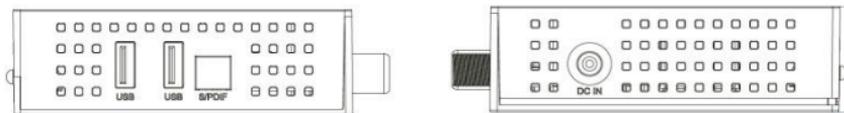
- 1) LED display – displays the channel or clock/time
- 2) CH- - changes to the previous channel without using the remote control
- 3) CH+ - changes to the next channel without using the remote control
- 4) Standby – turns the decoder on or off

7.2 REAR PANEL



- 5) ANT IN – antenna input
- 6) LBN IN – antenna input
- 7) DV-Out/ HDMI – digital audio and video output
- 8) LAN – Ethernet port
- 9) SCART – analog audio and video signal output

7.3 SIDE PANELS



- 10) Power supply connector DC IN – to connect the power supply.
- 11) USB – for connecting external devices
- 12) S/PdIF – optical audio output

8 REMOTE CONTROL

8.1 BUTTONS DESCRIPTION

Lp.	Symbol	Description
1.		Turn audio on or off, muting
2.		Function buttons
3.		Buttons for recording, playback and TimeShift mode
4.	LIST	Switching S2/T2/C groups
5.	SUBTITLE	Turn on or off subtitles, if available
5.	TEXT	Enables teletext to appear on the screen, if available
6.	RECALL	Switch to a previously displayed channel
7.	AUDIO	Switch the version of the audio track if available
8.		Displays information about the current program
9.	OK	Confirm changes; enable channel list
10.		Navigating the receiver's menu; adjust the volume level (quieter, louder)
11.		Navigating the receiver's menu, switching to the next or previous channel
12.	EXIT	Return to the previous submenu, exit the menu
13.	0-9	Select a channel by number in the channel list, enter numeric values.



14.	TV/RADIO	Changing the channel list between TV and Radio
15.	CH+/-	Changing channels
16.	VOL+/-	Change the volume
17.	MENU	Displaying the main menu on the screen
18.	FAV	Displays the selection of the list of favorite channels
19.	REC	Start recording

8.2 PAIRING

NOTE! The remote control requires you to work with a decoder.

Process of pairing::

1. Disconnect the set-top box from the power supply.
2. Connect the set-top box to the power supply, then press and hold the red function button for 10 seconds. (Connect the set-top box and without waiting for the system to start, press and hold the red button.)
3. The remote control should pair with the set-top box. Check the operation of the remote control.

NOTE! If the RCU76 is damaged, contact the supplier. Pairing of a working RCU76 proceeds according to the above description.

8.3 BATTERY INSTALLATION

Remove the battery case cap on the back of the remote control by sliding the lid down, then put it away. Insert two AAA batteries (R03) inside the container with the + and – poles set as indicated. Do not mix old and new batteries or different types of batteries. Place the lid of the battery box in the right place. Close the lid until it snaps.

9 FIRST INSTALLATION

9.1 CONNECT

NOTE: Make sure that the voltage specification of your home electrical system matches the power supply of the receiver.

NOTE! When connecting the receiver to other equipment, e.g. TV, receiver. Make sure you follow the appropriate instructions for use. Check that you have disconnected all equipment from the main power supply.

9.2 RUN

After the decoder connections to the rest of the equipment are properly made, turn on the set-top box and the remaining hardware. If you first start or perform a factory reset, a screen from the first installation menu will appear. Using the navigation keys of the remote control, select the settings that are appropriate for you.

- Language – the OSD language is set here
- Country – this setting allows you to specify scan parameters appropriate for a given country in which the device is installed
- TV system – choice between PAL, NTSC broadcasting systems
- Resolution – choice of screen resolution
- Video format – image format selection (4:3 Letter box, 4:3 Pan&Scan, 16:9)
- Antenna power supply – allows you to choose between a powered or passive antenna
- **Summer time** – time setting
- LCN – sorting by terrestrial TV provider numbering
- FTA only – Allows you to filter paid channels. FTA – "free to air"



After selecting the settings, go to the "next" item and confirm with the "OK" key. The signal from the antenna will be scanned.

NOTE! Selecting a resolution or TV system that is not supported by the TV may result in a lack of video signal – the so-called "black screen".

NOTE! Selecting a country other than the one in which the device is installed may result in the lack of reception of the full range of channels due to differences in signal parameters!

9.3 CONNECTING A SATELLITE ANTENNA

In order to properly connect external equipment m.in satellite antenna and converter, please use the installation instructions or the help of a professional installer!

Precise antenna positioning is the basis for good reception. Even the best antenna that is poorly adjusted will cause quality problems. Even minor setting errors can prevent reception or greatly impair its quality. Before installation, make sure that

the place is suitable for this. The correct direction can be pre-determined by comparison with other antennas. Immediately in front of the antenna there must be no obstacles blocking the signal! When we choose the optimal place for the antenna, attach it and pre-position it, it still needs to be carefully adjusted. Each antenna has adjustment screws that allow you to correct the position vertically and horizontally.

9.4 CONNECTION OF ANTENNA INSTALLATION WITH TURNTABLE

The correct operation of the Ferguson receiver is guaranteed by Stab's USALS turntables. To connect the antenna system with the USALS turntable, connect the output from the turntable to the LNB IN input of the Ferguson receiver. The task of the turntable installed between the mast and the antenna is to rotate the dish in such a way that it directs to different satellite positions.

The USALS function greatly simplifies antenna alignment. The Ferguson receiver requires you to enter the geographical coordinates of the antenna to automatically calculate the engine rotation angle for individual satellites. The receiver itself starts the turntable and rotates the antenna to the selected satellite. When a signal is caught, the elevation and azimuth position of the antenna must be precisely corrected for maximum signal. When correcting the azimuth, the whole set of antenna with a turntable relative to the mast rotates. If originally the antenna was not exactly set to the south, then now this can be corrected. Once we are done with the first satellite, all the others will be found automatically, as long as we have entered the correct values of their satellite positions in the receiver.

Without the USALS function, programming the system is much more difficult. Use the DiSEqC 1.2 function, which rotates the antenna to the selected satellite in almost the same way. However, since it does not take into account local geographical coordinates, the rotation is based on the zero meridian and the equator. It is therefore necessary to make amendments for each satellite separately. Because of these difficulties, manufacturers of DiSEqC 1.2 turntables often provide helpful software on their websites, thanks to which it is easy to calculate the position of the satellite.

9.5 CONNECTION OF A DIGITAL TERRESTRIAL TV ANTENNA

There are no special antennas for DVB-T. The same antennas are used for digital tv reception as for analog TV reception. So there is no need to change the antenna installation. However, it is worth checking the quality and condition of the installation, which until now has been used to receive analog television. Problems with reception may be in the case of old damaged antenna installations, or mesh antennas. It is recommended to use directional antennas with an antenna amplifier, depending on the specific situation, it may also be necessary to put on a symmetrizer. Room antennas can only be used in places with high signal intensity.

The antenna should be directed to the nearest broadcasting facility broadcasting DVB-T digital television. Maps of the range of individual transmitters in Poland are available at: cyfryzacja.gov.pl

10 MAIN MENU

10.1 ABOUT THE USER MENU

The user interface gives you the opportunity to use many settings and functions of the receiver. Some buttons on the remote control allow you to access the functions of the device directly. The most important buttons of the remote control are described, for example, EPG, MENU, OK. Other buttons are multifunctional and their operation depends on the device mode selected by the user. Below is a summary of how to use some of the functions of the device available through the user menu.

1. To move the cursor up and down the menu, use the up-down arrow buttons of the remote control.
2. To move the cursor left and right menus and to enable sub-menus, use the right-left arrow buttons of the remote control.
3. To enter the sub-menu, use the OK button.
4. The EXIT button is used to exit the menu or function.
5. When using the sub-menu, the OK button is used to confirm the selection.

10.2 MENU

Press the MENU button of the remote control to display the following main menu, which contains sections like:

- editing channel lists
- installation
- system settings
- tools
- multimedia
- recording settings



11 INSTALLATION

The installation menu is used to set the parameters of the antenna installation and to search for channels on the satellite.

11.1 ANTENNA CONNECTION

Choose one of the two available options depending on which installation you have. There are two options to choose from: fixed antenna (typical installation with one converter) and antenna with turntable. In Combo model is also possible to change the settings of the second head. It can work in terrestrial TV mode (default) or digital cable TV.

11.2 LIST OF SATELLITES

In this menu you need to select the satellites that you want to use. Select the satellite by pressing the up or down arrow. Select by pressing OK. A V symbol will appear next to each selected satellite. The remaining menu options will only operate on selected satellites.

In this menu, you can also edit, add and delete satellites if necessary.

11.3 ANTENNA SETTINGS

In this menu, detailed operating parameters of previously selected satellites are set, depending on the antenna installation. Select the satellite by pressing the **down/up** arrows. Only those satellites that are selected in the list of satellites are available. Then select the type of converter (most often you should not change this option and leave universal). Next, if you have a switch for more than one satellite, set its port. Depending on the type of switch you have, these will be options for DiSEqC 1.0 or DiSEqC 1.1 (do not run these two options at the same time).

The correct positioning of the antenna is indicated by the bars of strength and signal quality. Both should indicate above 80%, so that the reception of channels does not contain interference. When checking the strength and quality settings, use the "transponder" option to change the frequency and check whether each V and H polarization is working properly.

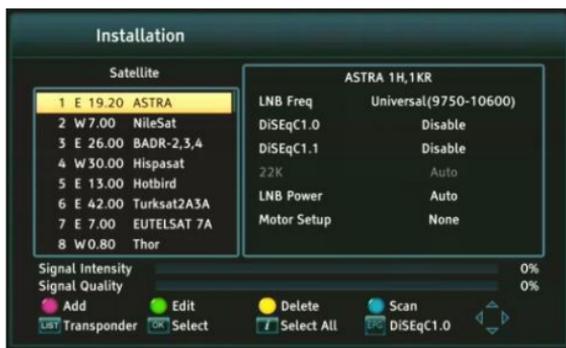
11.4 SEARCH ONE SATELLITE

In this menu we can search for channels from one selected satellite. To do this, select the satellite by pressing the left/right arrows. Only those satellites that are selected in the list of satellites are available. Then choose whether you want to search only free-to-air channels or all of them, and whether to search for radio, TV or all channels.

There are three search modes:

- Automatic – the so-called blind scan, consists in automatically searching for available frequencies from the satellite and then searching them one by one.
- According to the TP list – the receiver searches only frequency by frequency according to the list saved for the selected satellite. This list can be edited in a separate menu.
- FastScan – the receiver searches the channels of the selected provider. You can add channels to an existing list or replace an existing list with

new channels. Please note that the search result and the operation of this function depends solely on the provider.



11.5 SEARCH SEVERAL SATELLITES

In this menu we can search for channels from several satellites. Satellites will be searched automatically one by one in the order in which they are marked in the list of satellites. The options for settings and searchability are the same as for the menu: search one satellite. At the bottom of the pane, the names of the satellites that will be searched are displayed.

11.6 LIST OF TRANSPONDERS

The channels on the satellite are located several in "packages". Such a "package" of channels is a transponder. The list of transponders is a list of frequencies available on a given satellite. In this menu, you can edit, add, and delete individual frequencies. Select the satellite by pressing the left/right arrows, and then using the up/down buttons the desired frequency.

To search for a new channel, we need to know the basic parameter of the channel, i.e. the frequency from which it is broadcast. This parameter can be found at the sender, on the Internet, in the press, etc.

Then go to the list of transponders, select the satellite and the desired frequency (if it is not in the list, use the function: add – green remote control button). Further on the selected frequency, press OK or the blue remote control button to bring up the search window for that frequency. Use the up/down buttons to change the search options and confirm by selecting OK. The search will begin. Newly found channels from this frequency will be added to the end of the channel list.

11.7 SEARCH TERRESTRIAL TV AUTOMATICALLY

In this menu we can search for channels automatically – the receiver searches only the frequency by frequency according to the saved DVB-T/T2 list. This list cannot be edited in a separate menu.



11.8 SEARCH THE TERRESTRIAL TV MANUALLY

There are two manual search options. You should choose the right one depending on whether you know the channel or the frequency from which the channel you are looking for is broadcast.

11.9 TERRESTRIAL ANTENNA ADJUSTMENT

In this menu, detailed operating parameters of the terrestrial antenna are set. When setting or correcting the antenna settings, remember that the signal bars appear with a delay!

The correct positioning of the antenna is indicated by the bars of strength and signal quality. Both should indicate above 80%, so that the reception of the channels does not contain interference.

11.10 CABLE TV

To access the cable head, change the LNB2 settings. Note by turning on the cable head we turn off access to terrestrial TELEVISION. It is not possible to support both standards at the same time.

11.11 SEARCH CABLE TV AUTOMATICALLY

In this menu we can search for channels automatically – the receiver searches only frequency by frequency in accordance with the DVB-C standard.

11.12 SEARCH CABLE TV MANUALLY

There are two manual search options. You should choose the right one depending on whether you know the channel or the frequency from which the channel you are looking for is broadcast.

12 SYSTEM SETTINGS

12.1 LANGUAGE



This menu defines the language in which the receiver menu is displayed. The preferred and second language options apply to audio tracks. If more than one audio track is available on a channel, the receiver will search for the track in the selected languages in that order by default. Subtitle language – as for audio tracks, it determines which subtitle language to display if available and enabled. Teletext/teletext - defines the code page of characters in the teletext.

12.2 AV SETTINGS

Use this menu to set audio-video parameters. The decoder allows you to set the following parameters:

- TV system – allows you to choose the broadcasting system
- Video resolution – selection of the resolution generated by the set-top box
- Video format - scale configuration
- SCART output – selecting the signal generated at the SCART output
- Audio output – allows you to choose the output and type of sound
- Audio description – **on or off** audio description
- Audio description volume – setting the volume difference for audio description



12.3 TIME SETTINGS

Use this menu to set the time and date. The receiver allows you to automatically download time and date from the satellite (recommended) or manually set the time and date. If you are using GMT, select the correct offset value (for Poland +1 hour) and enable or disable daylight saving time depending on the season. Manual editing of the time and date is made using the numeric buttons.



12.4 PARENTAL LOCK

In this menu we can determine whether the receiver should use parental lock or not. In addition, we can enable or disable password protection to access selected menu options and change the default password. The default password is: **0000**.

12.5 OSD SETTINGS

In this menu we define the basic parameters of the on-screen menu (OSD). The first option concerns the support of subtitles. Enabling subtitle display means that the receiver will display subtitles on channels that broadcast subtitles. By default, in the language that is specified in the language selection menu for subtitles. In addition, you can specify the transparency of the menu to your liking.

12.6 INFORMATION

In this menu you can get detailed information about your software. Shows information about the current software version and decoder data

12.7 FACTORY SETTINGS

In this menu, you can restore the receiver to its default settings.

NOTE! A factory reset will remove any settings and restore the default channel list or none at all. Any changes made by the user, including the channel list and the configuration of the satellite antenna settings, will be removed.



12.8 CARD READER

In this menu you can get additional information about the subscriber card placed in the card reader. The information depends on the type, type and version of the card you have.

12.9 UPDATE VIA USB

Use this menu to update the receiver. Current software is available on the manufacturer's website. The downloaded file should be unpacked and recorded on an external USB **flash drive**. Then we select it using the LEFT/RIGHT buttons and press start to start the update.

12.10 STANDBY SETTINGS

Auto stand-by mode, stand-by mode and clock display in standby



12.11 HDMI CEC

Allows you to enable or disable HDMI CEC support.

NOTE! The HDMI CEC function must also be enabled in the system settings of the TV to work properly.

12.12 LOCAL NETWORK SETTINGS

This menu serves to configure addresses and DNS servers. These options concern the Ethernet port, which enables the exchange of data over the network.

13 PVR – RECORDING CONFIGURATION

13.1 CONNECTED MEMORY INFORMATION

This menu displays basic information about the connected USB **flash drive**.

The decoder supports two external memory formatting options: FAT and NTFS. Both file writing systems are handled correctly, but due to the lack of restrictions on the size of the files saved and greater reliability, we recommend using NTFS.

13.2 CONFIGURATION

In this menu, you can adjust your preferences for recording to an external USB **flash drive**. In the first option, you decide whether you want to use the TimeShift mode or not. This mode allows you to pause the current transmission at any time by pressing the PAUSE button and continuing after any interruption after pressing the PLAY button.

Another option allows you to enable or disable the ability to save the buffer of data collected by TimeShift. This means that when you press the REC button, the contents of the buffer will be recorded and the recording will continue. By default, this option is disabled, which means that when you press the REC button, the receiver will start recording from the moment you press the button.

In this menu, you can specify the type of files to be recorded. Record all data in TS (transport stream) format or in a truncated version only the default audio and video in PS format (stream program). We recommend using the TS format, in which audio, video, subtitle and teletext tracks are recorded.

The "skip by" option applies to the playback of recordings. Defines the time of quick movement with the keys  /  respectively forward / backward during playback.

Duration – the default duration of manual recording.

13.3 TIMER SETTINGS

Use this menu to program up to 20 different events. Events allow you to automatically turn on or switch the receiver to a pre-scheduled program.

Select the event you want to program and press OK. Set how often to start the timer. Select a channel (by pressing OK you will see a pop-up list of channels). Next, set the date, start time, and duration. Select Save to return to the list of events. A new item has been added.

14 MULTIMEDIA

The receiver allows you to view supported file formats on external media. You can listen to music, view photos and videos and, above all, play recordings.



14.1 INFORMATION ABOUT HDD

Shows information about the external storage medium.

14.2 STORAGE FORMAT

Formats external media.

14.3 DVR CONFIGURATION

Enables TimeShift and selects external media.

14.4 MUSIC

In this tab we can support several popular file formats with music. Several additional functions are available, which are operated using the function keys described at the bottom of the screen.

14.5 PICTURE

In this tab we can view the photos. Several additional functions are available, which are operated using the function keys described at the bottom of the screen.

While viewing photos, you can listen to music. To do this, start playing the music file and go to the photos tab using the LEFT/RIGHT buttons.

14.6 MOVIE

In this tab you can play movie files. High-resolution files can also be played.

Supported media file extensions are listed in the specification. Not all files with these extensions are played - some files may contain unsupported codecs or compression settings.

14.7 RECORDINGS

Use this tab to play back recordings made through this receiver. Each recording can be locked with a password, deleted or renamed.

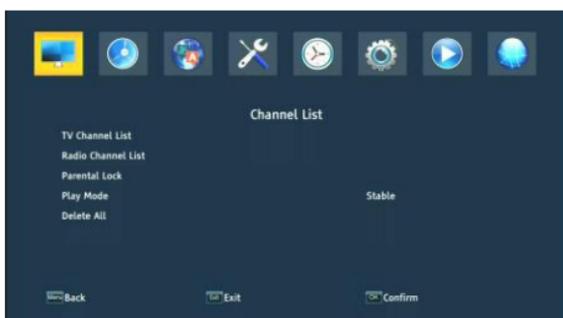
The options available during playback (subtitles, teletext, audio tracks) depend on the recording format you choose!

During playback, press the INFO button to display the InfoBar. There are several methods to quickly view/rewind a recording:

1. Use the Fast Forward and Rewind buttons to navigate within the current recording, and press the PLAY button to start watching at the selected time.
2. You can also set the red cursor using the LEFT/RIGHT buttons and confirm OK to start watching at the selected time.
3. Another possibility is to move with the ▲/keys ▼. The shift is made by the number of minutes defined in the DVR configuration menu. Please note that this function will only work if the recording time is longer than the selected jump time.
4. Another possibility to quickly view the current recording is to use the numeric keys.

15 EDIT CHANNELS

In this menu, you can edit the list of TV channels. Editing is done using the colored buttons of the remote control. The raised color function is active, then use OK on the selected channel to apply it. EXIT to save.



To **move** a channel, go to editing settings of the channel list. Select a channel and press OK to preview it in the small window. Press the "yellow" button to enable the channel sliding function and OK again on the selected channel (you can select several channels). A two-arrow symbol appears next to the channel name.

Press the "yellow" button and use the up/down arrows to move the cursor to the desired position. Press OK to confirm the offset. Then press the "yellow" button again to disable the channel shift function.

When you are finished, press EXIT. A message appears in which you must confirm your changes. If you don't do this, your changes to the channel list won't be saved.

To **delete** a channel, go to edit the channel list. Select a channel and press OK to preview it in the small window. Press the blue button to go to the channel edit menu. Press the blue button to enable the channel deletion feature and OK on the channel you want to delete. An X appears next to the channel name.

16 BASIC FUNCTIONS OPERATED FROM THE REMOTE CONTROL

16.1 EPG

This feature displays a program guide. The content of current, future and detailed information depends on what the station broadcasts. After selecting the program, we can use the timer function to automatically schedule watching or recording a given broadcast.

A 7-day **guide** is available.

16.2 INFO

Select the program you are interested in and press "i" to see detailed information about the program. Keep in mind that the availability of this information depends on what the TV station is broadcasting.

16.3 REC

A function that allows you to record a given broadcast. It only works with a properly connected external **USB flash drive!**

1. Select the channel and press the REC button. The recording of the current channel starts.
2. The next press of the REC button will display an option where you can specify the duration of the recording (by default, it is 2 hours).
3. The infobar indicates which program you are recording and watching.
4. To stop recording, press the STOP button and confirm your decision.

16.4 TEXT

This function displays the teletext as long as it is broadcast by the selected TV station. Please note that the correct code page (dialect characters) is displayed depending on the language settings in the language settings menu!

16.5 AUDIO

The green audio button displays a window with available audio tracks. You can select any of the broadcasts. However, it should be remembered that AC3 surround sound tracks can only be played via a receiver connected to the digital audio output – Coaxial or Optical.

This function also works during playback of the recording as long as the recording was made in TS format. Audio tracks other than the recorded track by default will only work during playback if they are not encoded or encoded in the same way as the track recorded by default.

16.6 SUBTITLE

The "yellow" button displays a window with available subtitles. You can select any of the broadcasts. If subtitles have been started for a given language in the menu – they will be selected in this list by default. However, you can select any of the subtitles that are broadcast. Remember that the availability of subtitles and how they are displayed depends on the sender!

This function also works during playback of the recording as long as the recording was made in TS format.

16.7 FAV

Pressing the FAV button displays a window with groups of favorites (if the user has created one).

17 TROUBLESHOOTING

Below is a list of sample problems and ways to solve them.

Problem	Potential causes	What to do
No image	Power is not connected	Connect power
	The power strip is not on	Turn on the power supply to the strip
The screen shows no signal	Heavy rain or clouds	If it's raining, wait until the rain stops
	AV/HDMI is not connected to the TV	Connect AV/HDMI properly
	Improperly selected TV source	Choose the right source on TV
	LNB IN or ANT IN is not connected	Connect DVB-S or DVB-T
	Incorrect DiSEqC setting	If you are using a DiSEqC switch, make sure the correct port is selected
No sound from speakers	Missing or incorrect connection with audio	Check that the sound is properly connected to the TV
	Mute audio	Turn on or off the volume correctly
	Invalid soundtrack	Try a different channel soundtrack
Sound only, no screen image	Missing or incorrect connection to AV/HD output	Connect video correctly
	The program is a radio program	Press <TV/RADIO> to enter TV mode
The remote control does not work	Battery drained	Use a new battery
Image stops or	The signal is too weak	If it is raining, wait until the rain stops.

has artifacts		Search for channels again. Make sure the antenna is positioned correctly. Call a technician for help if the problem persists.
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18 TECHNICAL SPECIFICATIONS

Item	Specification	
Tuner (LNB)	Frequency range	950 MHz to 2150 MHz
	Input impedance	750hm unbalanced
	Signal input level	-65~-25dBm
	Symbol speed	2-45Mbps
	LNB power supply	13 / 18V, max 350mA
Demodulation (LNB)	Demodulator	QPSK/8PSK
	FEC	1/2,2/3,3/4,5/6,7/8,8/9,9/10
Tuner (ANT)	Frequency range	VHF Band: 174MHz~230MHz UHF Band: 470MHz~868MHz
	Bandwidth	6MHz, 7MHz, 8MHz,
	Input impedance	750hm
	Signal input level	-65~-25dBm
Demodulation (ANT)	Demodulator	QPSK/16QAM/64QAM/256QAM
	Protective intervals	1/4,19/256,1/8,19/128,1/16,1/32,1/128
RF output	RF output power	5V, max 100mA
Connection	CONVERTER	IF connector
	ANT IN	IEC connector
	USB	USB 2.0 connector
	DV OUTPUT	Connect to DV / HDMI on your device
	WITH	CVBS, AUDIO L/R, SPDIF
Power	Contribution	AC100-240V ~50/ 60Hz
	Consumption	Max 18W
Display	Resolution	720X576(PAL),720X480(NTSC),720P, 480i, 480P, 576i, 576P, 1080i, 1080P
	Decoder module	PAL, NTSC
	Aspect ratio	4:3 (Letterbox, Pan&Scan) 16:9
Decoding	Video	Transport MPEG2 MP@ML HL
		MPEG4 AVC/H.264 HP@L4. HEVC (H.265)
	Sound	MPEG2 Audio Layer I&II
Other	Standards	ETSI/EN 300421 DVB-S compliant
	Sound mode	Right, Left, Stereo

SIMPLIFIED DECLARATION OF CONFORMITY

Manufacturer: **Ferguson Sp. z o.o., Dworska 1, 61-619 Poznań**

Name: **Ariva 175 Combo**

Device Type: **Digital terrestrial and satellite TV receiver**

The above-mentioned product complies with Directive 2014/53/EU of the European Parliament and of the Council of 16 April 2014 on the harmonization of the laws of the Member States relating to the making available on the market of radio equipment and repealing Directive 1999/5/EC.

Full Declaration of Conformity for download at: <https://ferguson-digital.eu/deklaracje-zgodnosci/>