








## Using the universal RCU650 remote control

RCU650 is 5 in 1 universal remote control is suitable for TV sets, A/V receivers, tuners, BD/DVD players, CD players, DVR players, various STBs (satellite, cable, terrestrial, IPTV), amplifiers and other devices from common manufacturers. The universal remote control can execute basic device functions.

### Button description

	<b>Power</b> button turns on the device or sets it in standby mode. Blue LED flashes to show that button is pressed.
	Predefined <b>stb</b> button for Ferguson Ariva STBs. It is not possible to setup another code set and/or use learning function.
	<b>Device</b> buttons can be used for device of your choice. You can setup any code set and/or use learning function.
<b>1, 2, 3, 4, 5, 6, 7, 8, 9, 0</b>	Select particular channel number on a channel list. Enter numeric values. enter the device code during set up
	Used to change the volume level higher ( <b>vol+</b> ) or lower ( <b>vol-</b> ).
	Switches the sound on and off.
	Switches to the next ( <b>ch+</b> ) or previous ( <b>ch-</b> ) channel/chapter/file.
	Learn a new code from original remote control
<b>other buttons</b>	Depends on your device



## Installation of batteries

Remove the cover of the battery compartment on the rear panel of the remote control unit; slide it downwards and put it aside. Insert two AAA (R03) batteries into the compartment, observing the indicated polarity. **Do not mix old and new batteries, or batteries of different types.** Replace the battery compartment cover. Slide it upwards until it locks in place.



### Note:

- If the LED's become dim; please replace the batteries.

To make your remote control ready for use, you need to carry out one of the following steps:

## Set up device via auto search

1. Switch on the device that you like to control.
2. Point the remote control at your device. Press and hold down the **device** button (e.g. TV) for 5 seconds. The LED turns on and after a moment LED start flashing, that means RCU650 is in auto search mode and you can release **device** button.
3. The "Volume+" signal is automatically transmitted from the remote control to the device (code scan). As soon as the volume of the device (e.g. TV) changes, immediately press **device** button to stop the auto search.

If the device you are searching for is a CD player, Tuner, TAPE, or AUX then "Power" (instead of "Volume+") signal is automatically transmitted from the remote control to the device. As soon as the device turns off, press **device** key to stop the search. You need to turn on the device by **Power** button before you check other button function.

4. Check the function of the other buttons on the remote control. If none of the buttons function (i.e. the search was not be stopped in time) or the majority of the buttons do not function correctly, restart the search (see steps 2 to 4) to find a suitable code. If the majority of the buttons function correctly, set-up has been successful. Re-press the **device** button (e.g. TV) to save the code and to terminate the set-up mode.

### Note:

- Entering the auto searching mode, it will search forward from the current code.
- Sometimes, remote control does not work properly just because auto search was not stopped in time. In this case, just enter into manual search again, and press **Vol-** button approx. every 1.5 seconds to search backward the code database.
- If you are not satisfied with certain buttons assignments, or some functions are missing, then you can use additionally learning function.

## Setup device via brand name code

1. Switch on the device that you like to control.
2. Find the code number of your device brand in the code list (e.g. Ferguson 1244) from the relevant device group (e.g. DVB-T).
3. Press and hold the **device** button (e.g. AUX) for three seconds. Release the device button as soon as LED lights up, now it is in set up mode.
4. Enter the 4-digit device code (e.g. 1244 for Ferguson DVB-T) within 10 seconds. If an entry is not made within 10 seconds, the set-up mode is automatically terminated.
5. The LED turns off if the remote accepts the code. If the LED flashes three times, that means the code may be wrong, and the remote control remains in set-up mode, enter the correct code from the list again in good time.
6. Check the function of the buttons on remote control. If it does not function correctly, try another 4-digit device code from the list under the same brand. Repeat steps 3 to 6 until all the basic functions operate correctly.
7. Exit the set-up mode by pressing the **device** button.

### Note:

- If you are not satisfied with certain buttons assignments, or some functions are missing, then you can use additionally learning function.
- mode is automatically terminated if no button is pressed for 10 seconds.

## Setup device via manual search

1. Switch on the device that you like to control.
2. Point the remote control at the device. Press and hold down the **device** button (e.g. TV) for 5 seconds. The LED lights up and the remote is in manual set-up mode, release the device button now.
3. Press the **Vol+** button approx. every 1.5 seconds.
4. As soon as the volume of the device (e.g. TV) changes or the device turns off, check whether the other buttons on the remote control function correctly. If the majority of the buttons does not function correctly, press the **Vol+** approx. every 1.5 seconds to initiate the reactive code (manual search is continued, see steps 3 to 4).
5. If the majority of the buttons on the remote control functions correctly, save the code by pressing the **device** button (e.g. TV) to terminate the manual search.

### Note:

- If you are not satisfied with certain buttons assignments, or some functions are missing, then you can use additionally learning function.
- Sometimes, remote control does not work properly just because manual search was not stopped in time. In this case, just enter into manual search again, and press **Vol-** button approx. every 1.5 seconds to search backward the code database.

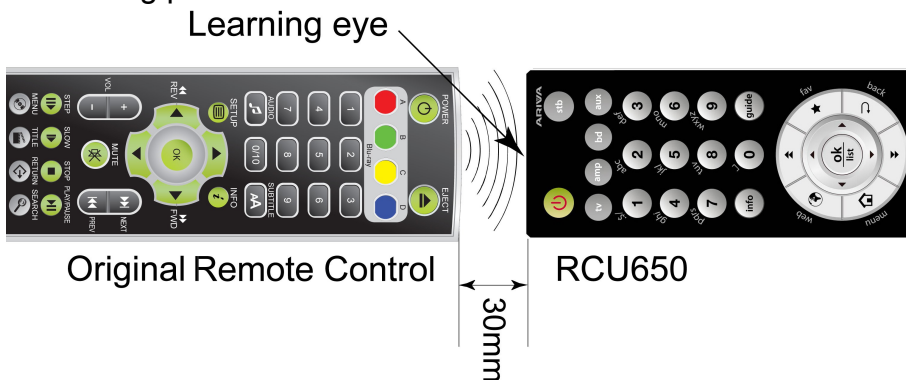
- The Manual Search is automatically terminated if no entry occurs during 30 seconds period.
- Manual search mode, search forward from the current code.

## Learning Function

The learning function is used to extend the pre-programmed codes. The standard code list already provides you with the most important functions, but it is possible to add a few additional functions. A fully functional original remote control is required for learning programming.

Please use fresh batteries for both the Learning Remote Control and the Original Remote Control.

1. Press down and hold the **device** button which you wanted to learn (e.g. BD player), and press **find** button at the same time, when LED turns on then release the both pressed keys, now remote control is in learning mode for BD codes.
2. Point the IR transmitter of the original remote control remotes face to the IR receiver of your RCU650 remote by approximately 30 mm apart. Keep two remotes at the same straight line to make the learning process more accurate.



3. Press and release the target button on your RCU650 remote control which you want to learn (e.g. **info**), the LED starts to flash.
4. Press the one button (For example, **info** button) from your original remote control, when you see LED on new universal remote control flashes three times and stop, it means RCU650 has accepted new code and now you can start to learn another new code from original remote.
5. Repeat step 3 to 4 to learn another code from original remote control.
6. When you finish learning all buttons you want to have, press **find** button to store all commands you have learnt from original remote and exit from Learning remote.



**Note:**

- You can learn limited set of buttons on RCU650. Available buttons are shown on the image.
- When you can not choose any more RCU650 buttons for learning, it means that remote memory is full (RCU650 has limit for total 60 buttons).
- The learning mode is automatically terminated if no entry occurs during 14 seconds period.
- Press **TV** button and Number **6** button can delete all codes you have learnt for all devices.

## Display device code

1. Press and hold the **device** button, simultaneously press button **1** to display the thousands of the 4-figure code. Count how often the LED flashes, if the LED does not flash, then the number is zero.
2. Press and hold the **device** button, simultaneously press button **2** to display the hundreds of the 4-figure code.
3. Press and hold the **device** button, simultaneously press button **3** to display the tens of the 4-figure code.
4. Press and hold the **device** button, simultaneously press button **4** to display the ones of the 4-figure code.

For example for code 0169 for TV:

1. Press TV and 1 LED flashes Zero time
2. Press TV and 2 LED flashes One time
3. Press TV and 3 LED flashes Six times
4. Press TV and 4 LED flashes Nine times

## Reset / Delete Function

Just simply press **TV** button and Button **0** together, when LED flashes three times, now all settings will be deleted, and remote go back to factory default settings.