

# S208 EasyCreator

**Windows Configuration Software for the  
Revox Joy Remote Control S208.  
Managing Settings and Projects.**

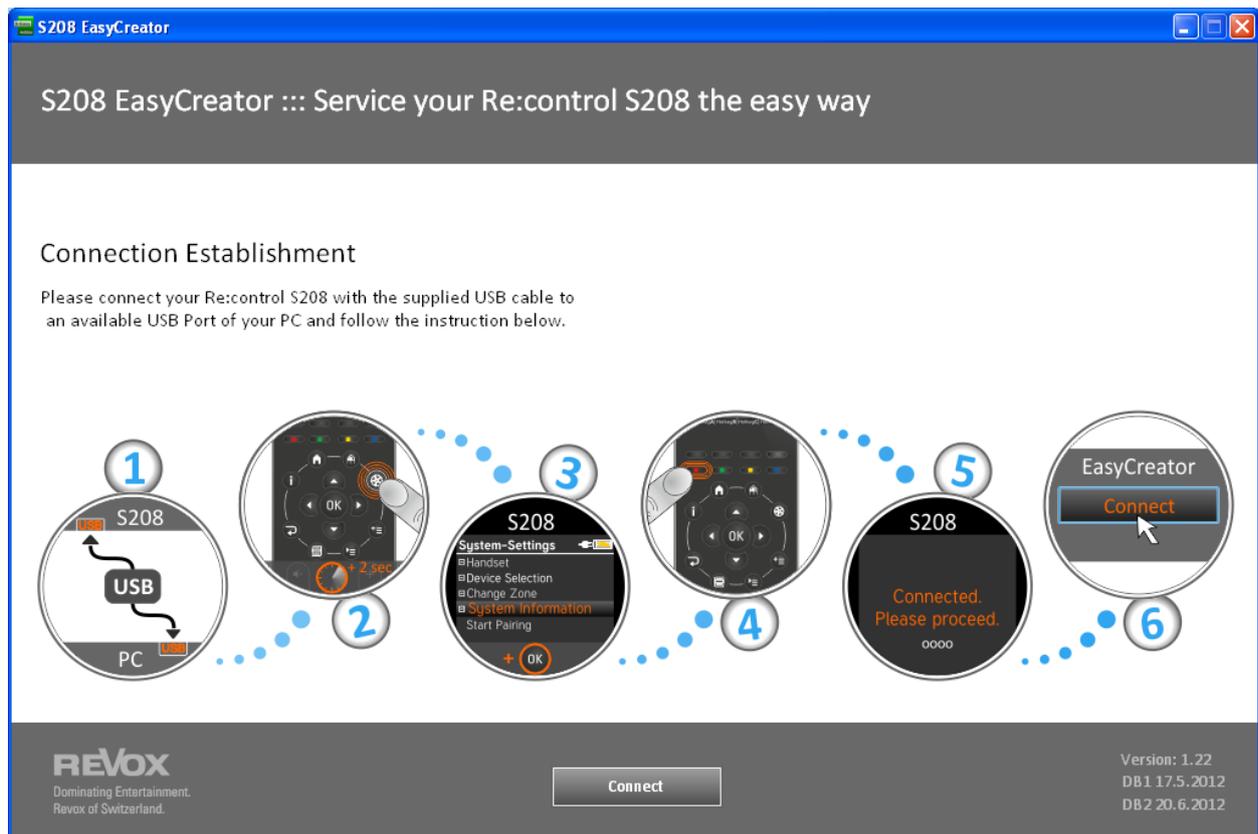
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## 1. Introduction

Through its wireless and IR technology, the S208 Remote control for the Revox Joy series has a wide application area. It communicates wirelessly in both directions with the Revox Joy products. Further IR devices from Revox and other manufacturers, which are stored in a database, can be controlled with the integrated infrared transmitter diode.

By assigning these devices to different zones, many options are open to users to arrange their media products in a simple, intuitive to operate overall system. The S208 EasyCreator represents the tool that you can use to edit your settings and projects and if required, to save them.



Connection screen

## 2. EasyCreator Installation

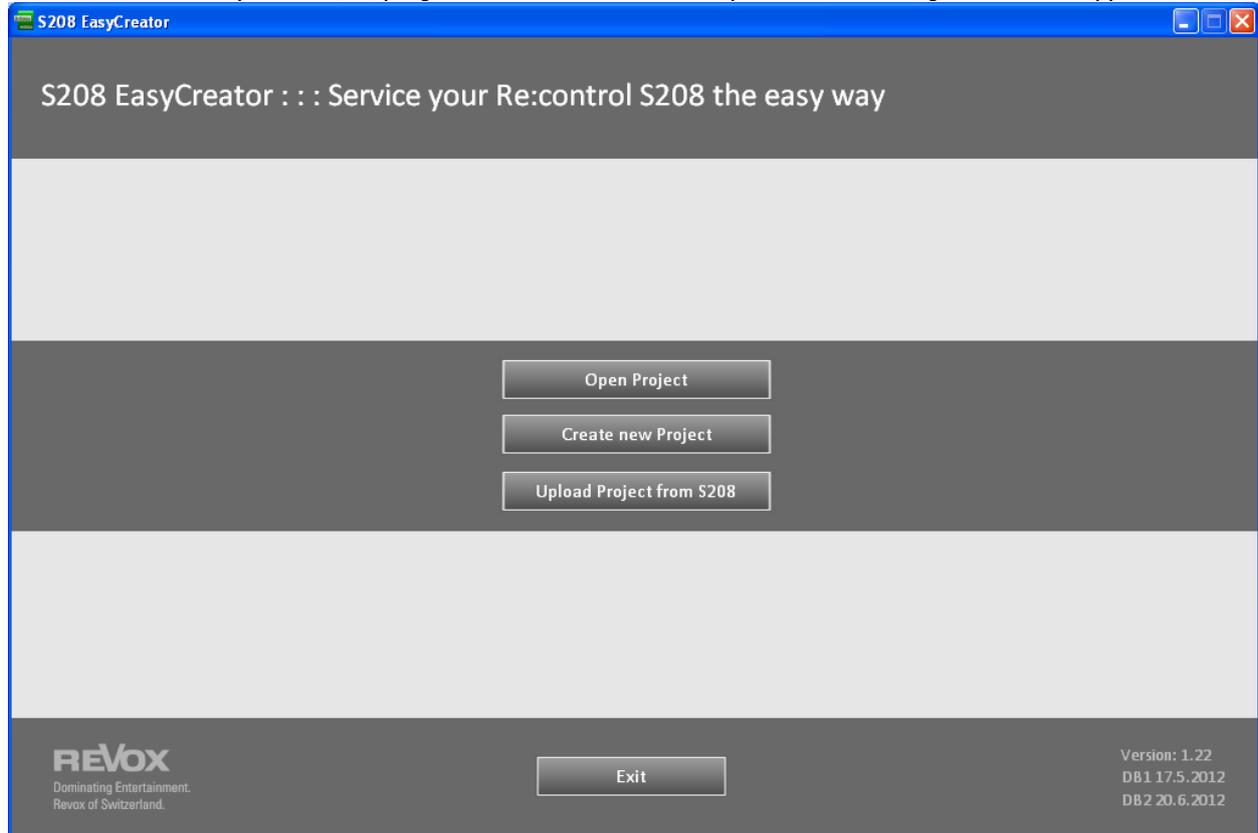
### System Requirements

- Win XP, Win 7 32/64
- 80 MB free memory space
- USB 2.0 interface
- Windows *NET Framework 4*
- Current version of *Adobe Flash Player*
- Current *Java* version from the *Oracle Corporation*

When installing on Windows 7, we recommend executing the installation routine [S208 EasyCreator Setup vx.xx.exe] when logged as **Admin**. If there is already a version of EasyCreator on your computer, the installation program uninstalls this version first. After the uninstallation is successfully completed, start the Setup routine again to install the new EasyCreator.

### 3. Operation of EasyCreator [EC]

You can start the EasyCreator [EC] program after installation is complete. The following start screen appears:



Three options are offered to you in the middle of the screen:

- Open Project
- Create New Project
- Upload Project from S208

#### **Open Project**

Choose this option if you want to open an existing project that you have already saved. After you have selected the corresponding \*.S208 file, you go to the Main menu of EC. The functions and options offered by the Main menu are described in the separate "Main menu" chapter.

#### **Create New Project**

Choose this option if you want to create a new project, which you will then download to the S208 or save locally. This menu item starts the EC Main menu. The functions and options offered by the Main menu are described in the separate "Main menu" chapter.

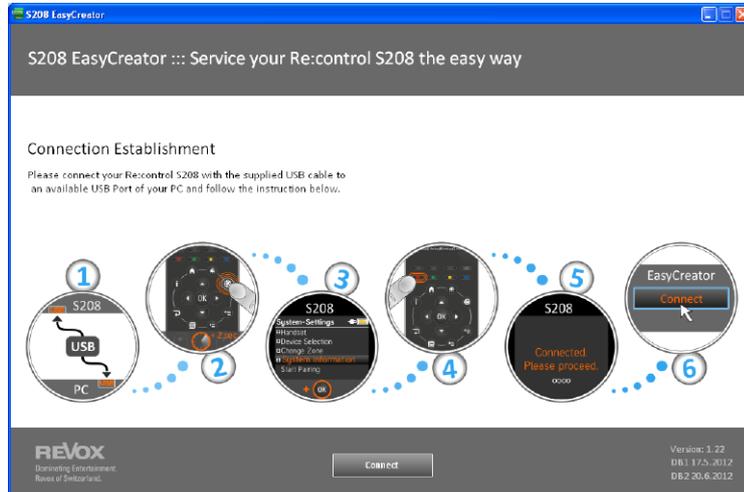
#### **Upload Project from S208**

Choose this option if you want to upload the configuration of your S208 Remote control, in order to edit it or to back it up to your PC. You need the USB cable supplied with your S208 for this purpose (USB-A <-> USB Mini). You will find the description of how to establish the connection to the S208 Remote control on the next page.

## A. Connecting to the S208

The data exchange between the PC and the S208 is done using the supplied USB cable.

Start EasyCreator and select the option "Upload Project from S208". The following screen menu appears:



The graphic shows you the 6 steps that have to be carried out to establish the connection.

- Step 1: Connect the USB cable.
- Step 2: Press and hold the Setup button  on the remote control for longer than 2 seconds.
- Step 3: The **System** menu is displayed on the S208. Navigate to the **Information** menu item using the up and down buttons and confirm your choice with **OK**.
- Step 4: Press the **red** button (screen **Information**, see the graphic above for Step 4).
- Step 5: The S208 display goes dark and the following text appears: **Connecting... Please wait. \*\*\*\***  
During this phase, the remote control attempts to establish a connection to the PC. After connection is successfully established, the display changes to: **Connected. Please proceed. \*\*\*\***. In the case of remote controls that were supplied prior to June 1012, a different text appears: **Connected. Please wait. \*\*\*\***
- Step 6: Once **Connected.** has appeared in the S208 display, you have a minute to press the **Connect** button in EC. A progress bar shows the ongoing status. If the Connect button is not pressed within the minute timeout, the S208 goes to Normal mode with the text: **Remove USB cable to restart.**



## 4. Easy Creator Main Menu

The EasyCreator Main Menu contains 5 items in the top, horizontal bar: **File**, **IR Device**, **Receiver**, **Zone** and **S208** - see ①. The selected or active Menu item is highlighted with a light border and the indicator lights up blue. These Menu items are also divided up into corresponding Submenus, which are shown by menu, in the lefthand column – see ②. Here, active Menu items are highlighted in light grey. The Configuration and Selection level is included in the light grey field ③.



The following functions are included in the Main menu items:

- **File**
  - Save project
  - Quit EasyCreator
- **IR Device** (infrared-controlled devices from the database)
  - Add IR device
  - Edit/rename IR device
  - Delete IR device
  - Create IR Mix device
- **Receiver** (Revox Joy - Network Receiver)
  - Add receiver
  - Rename receiver
  - Delete receiver
  - Create Receiver Mix device
- **Zone** (Groupings of IR devices and/or receivers)
  - Edit/rename zone / Assign hotkey
  - Delete zone
  - Add zone
- **S208** (functions specific to the remote control)
  - Rename remote control
  - Download project to the remote control
  - Update remote control firmware

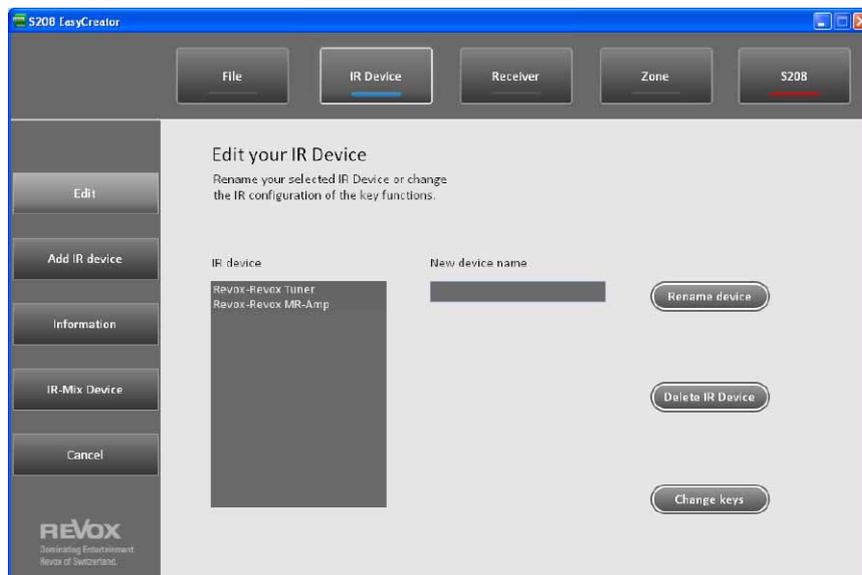
## B. IR Devices

When the Main menu is opened, the "IR Devices" item is always selected. In this menu, you can select a lot of IR-controlled devices from Revox and other manufacturers out of the EasyCreator database and assign their functions to particular buttons as desired. Mixed versions of different IR devices are also possible, the so-called IR Mix devices. The next chapter describes the options available to you and how you can achieve your aims quickly.



### Editing IR devices

IR devices can be renamed or deleted from the Device list under the **Edit** section. Also you have the option of changing the function button assignment by clicking on the **Change keys** Buttons.



### Renaming IR devices

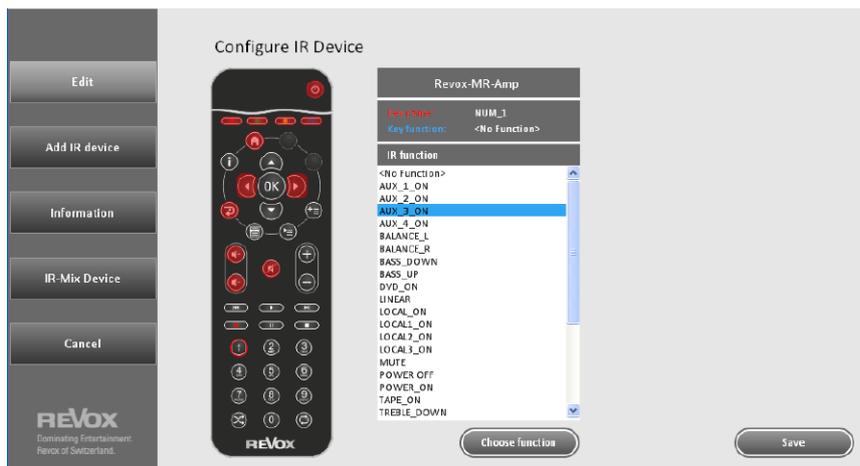
Select the device from the "IR Devices" list that you want to rename. The current name is shown in the "New device name" field. Now you can enter a new name with a maximum of 19 characters in this field. The new name is applied by clicking on the **Rename device** button. In the example shown below, the name is changed from "Revox-MR Amp" to "Multiroom-Amp".



### Deleting IR devices

IR devices that have been added to the Device list can be removed again by clicking on the **Delete IR Devices** button. Select the device from the "IR Devices" list that you want to remove. Clicking on the **Delete IR Device** button removes the highlighted device from the Device list without any further confirmation dialogue appearing.

### Editing buttons



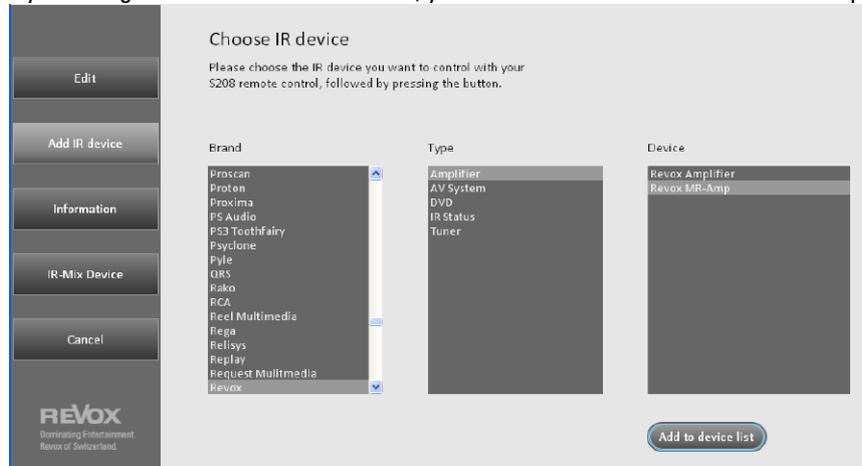
A selected function can be assigned to a specific button through the **"Change Key"** menu that can be reached directly or through "Add IR device". Practical assignments, such as the volume control are already pre-configured. A change to or a reassignment of function/button combination is done in the following way: Highlight the desired function in the Function list with the **blue** background bar. The second step is to select the button on the indicated remote control that should be assigned the function. The selected button is shown with a **red** circle. In the example above, the selections are button "1" and the function "AUX3\_ON". Now click on the *Choose Function* button and the red circle highlighting changes to show the corresponding button in red. The function has been assigned. If you now want to remove an assignment, select the desired button with the "<No Function>" function and click on the *Choose Function* button. The assignment is now removed and the red marking disappears from the button.

Buttons that for system reasons may not have an assignment are hidden, e.g. "Hotkeys" or are greyed out.

Once all buttons have been assigned with the desired function, press the "Add Device" button. The IR device is now applied to the Device list in the S208 Remote control. In a further step, you can also assign one of the 4 Hotkeys to this device that are available for each zone - see *Zones* chapter.

## Add IR Devices

In this menu, you can select a lot of IR-controlled devices from Revox and other manufacturers out of the EasyCreator database. As a first step select the **Manufacturer** and then the **Category** and the corresponding **Device**. By entering the first letter of the name, you can find the desired manufacturer quickly in the alphabetical listing.



By clicking on "Select Device", the IR device is selected and the button assignment level is shown. A selected function can then be assigned to a specific button in the **Edit Buttons** menu that then appears. Practical assignments, such as the volume control are already pre-configured. You will find an exact description of this procedure in the previous chapter, **Editing Buttons**, in Page 7.

## Properties

The **Properties** menu shows the most important identifiers of the IR devices that have been added. This tool is primarily intended for use by the Revox Development team and has no functions that are of further use to users.



## IR Mix Device

The S208 Remote control offers the option of combining IR commands from two or more IR devices to make a new Mix device. One of the most frequent uses for this option is to make a combination of a TV / receiver device and an amplifier. In order to avoid having to keep switching between the two IR command levels, for example when you want to adjust the amplifier volume after selecting a programme from the TV EPG, you can create a new TV/Amplifier device in **IR Mix Device** that combines the two command levels.



How to proceed:

- First select an IR base device (lefthand remote control) - see ①. If you have not yet already added the desired IR device, you can simply add one from the database with the **+ New IR Device** option. Buttons that have already been assigned a function are shown in blue. By clicking on the corresponding button, you can display their properties in the Info window ③.

### Important

All device's functions must previously have been assigned to a button so that they can also be used in the Mix device. Many of the IR devices in the database have more functions than the S208 has buttons for. You can select which functions are important for you through the function/button assignment. Or alternatively, you can add the functions through the menu **Edit / Edit Buttons**.

You cannot combine a Mix device with an existing Mix device. Rather, the functions from individual IR devices are assigned to the base device.

- The second step is to define the second or further IR device whose functions you want to combine in the IR base device - see ②. In the example above, this as a Revox amplifier. This IR device's assigned functions are shown in red. Now using the mouse, drag the desired button (function) across to the base device. Only buttons marked in red to indicate that they have assigned functions can be exported to the base device.

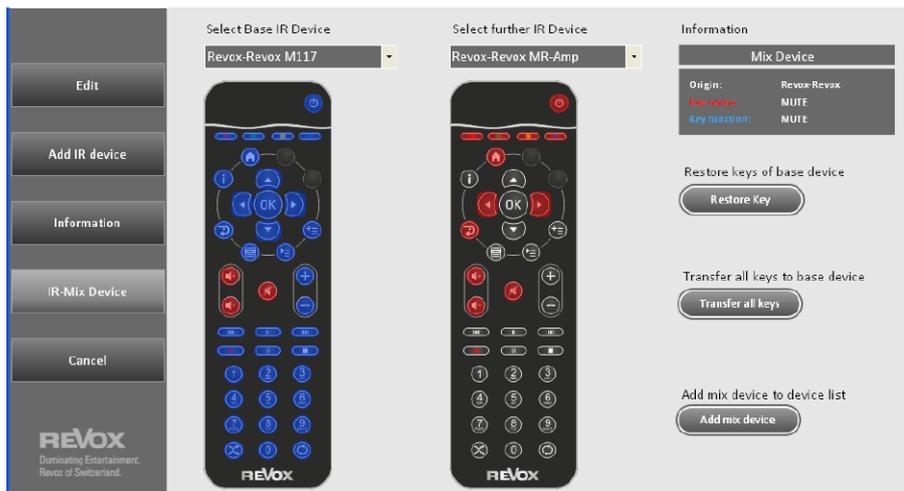
### Transferring/ exporting all buttons to the base device.

If you want to transfer all the buttons to the base device at one go, you can use the **Transfer Buttons** button. This gets around having to manually transfer using the mouse and allows you to transfer up to 39 buttons in a single action. Using the **Restore Button** button, you can then easily restore the original function to specific buttons on the base device afterwards.

### Restoring base device button functions

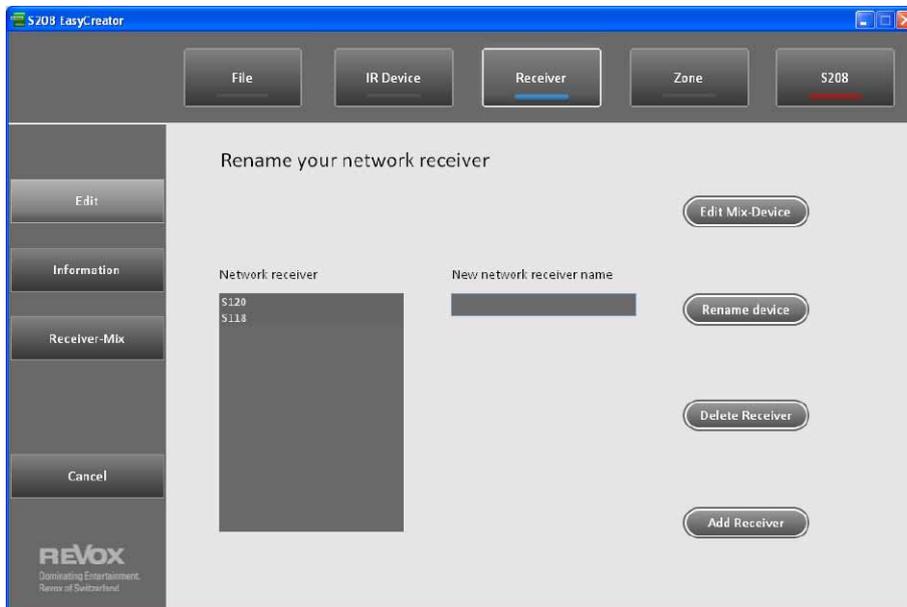
If you have accidentally overwritten buttons on the base device with IR commands from other IR devices, you can correct this situation easily by using the **Restore Button** button. After clicking on the button, the **Restore Button** function remains active until you deactivate it with a second click. Now click on any of the buttons on the base device whose original function you want to restore. While it is active, the button has a blue border.

- When you have brought all the IR functions you want together on the newly created Mix device, click on the **Add Mix Device** button. The Mix device is now added to the Device list with the name *Mix Device*. We recommend that you change this default name to a more explanatory name in the next step, through the **Edit / Rename** section.



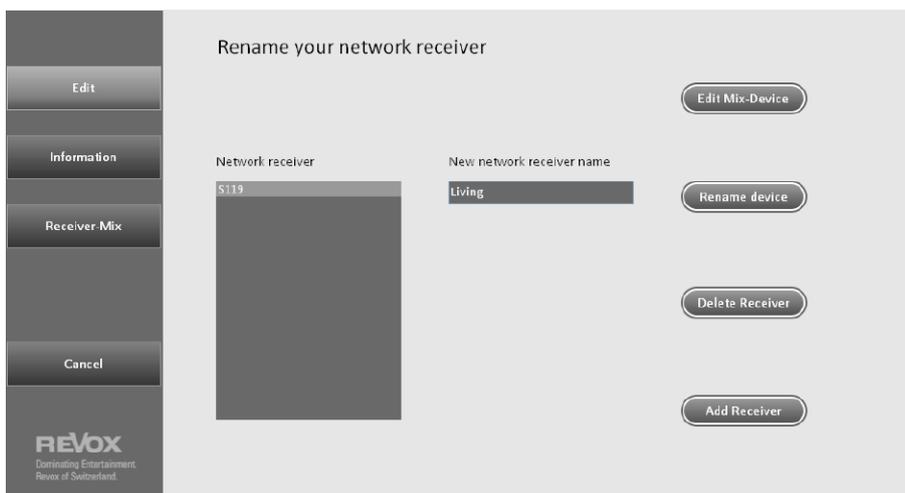
## C. Receivers

The **Receivers** selection contains all the Network Receivers from the Revox Joy series that are located in the S208 Device list, following a pairing process. Unlike IR devices, Receivers have a unique ID so that they can be specifically addressed in a wireless network, like MAC addresses from IP devices. As with the IR devices, there are numerous options available with receivers to enable you to adapt your Network Receiver to your requirements.



### Editing Receivers

Network Receivers can be renamed or deleted from the Device list under the **Edit** section. It is also possible to add so-called dummy receivers.



### Renaming Receivers

Select the device from the "Network Receivers" list that you want to rename. The current name is shown in the "New Network Receiver Name" field. Now you can enter a new name with a maximum of 19 characters in this field. The new name is applied by clicking on the **Rename** button. In the example shown above, the name is changed from "S119" to "Living".

### Deleting Receivers

Network Receivers can be removed from the Device list with the **Delete Receiver** button. Select the device from the "Network Receivers" list that you want to delete. Clicking on the **Delete Receiver** button removes the highlighted device from the Device list without any further confirmation dialogue appearing.

### Important

Network Receives that have been deleted cannot simply be added back to the Device list with the **Add** button as each receiver has a unique ID. Added receivers are administered as dummy receivers without an ID, which can take on the identity of existing receivers when a project is downloaded onto a remote control. This case is particularly interesting for dealers who want to store frequently sold device combinations, e.g. Receiver + IR Device(s) as a project. You will find a detailed explanation of this topic in the **S208 / Download** chapter.

### Adding Receivers

A dummy receiver without an ID can be added to the Device list through the **Add** button. This Network Receiver is displayed with the default name *Receiver*. As this receiver doesn't have its own ID as opposed to Network Receivers that have been added to the S208 Device list by a pairing process, it can only be used to replace existing receivers when downloading a project onto an S208 Remote control. This case is particularly interesting for dealers who want to store frequently sold device combinations, e.g. Receiver + IR Device(s) as a project. You will find a detailed explanation of this topic in the **S208 / Download** chapter.

In the case of a normal home constellation with for example, 3 Revox Joy Receivers and one S208 Remote control, it is easiest to pair all 3 receivers with the S208 first and then to administer Zones, Hotkeys and IR devices afterwards with EasyCreator and if necessary, make a backup to the PC.

### Editing Mix Devices

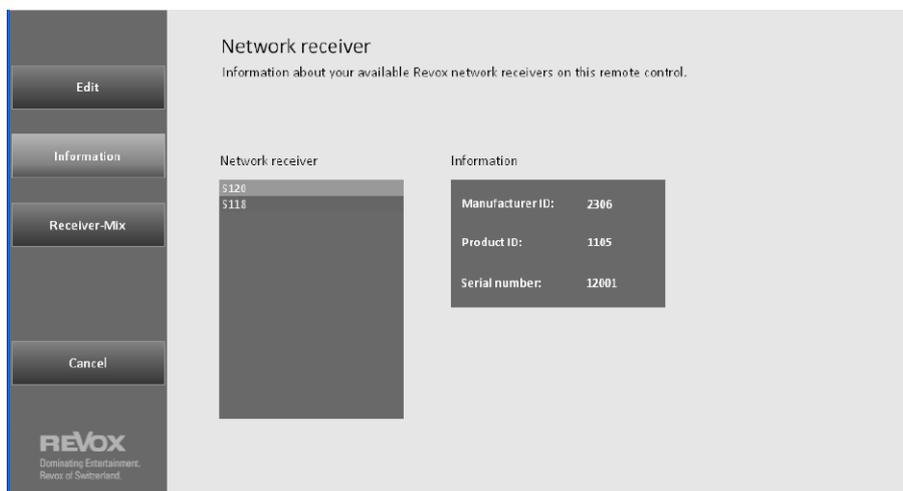
The S208 Remote control offers the option of integrating IR commands from two or more IR devices in the command level of a Network Receiver. To do this, you have to create a Mix device. One of the most frequent uses for this option is to make a combination of a TV / receiver device and a Network Receiver. In order to avoid having to keep switching between the two IR command levels, for example when you want to adjust the volume in the Receiver menu after selecting a programme from the TV EPG, you can create a new TV/Receiver device in **Receiver-Mix** device that combines the two command levels.

Using the **Edit Mix-Devices** button, a previously created Mix device can be modified or redefined. To do this, select a Mix device from the "Network Receivers" list and click on **Edit Mix-Devices**. This button has no function on straight Network Receivers.

You will find information on how you can create new Receiver Mix devices in the **Receiver/Receiver Mix** chapter on Page 14.

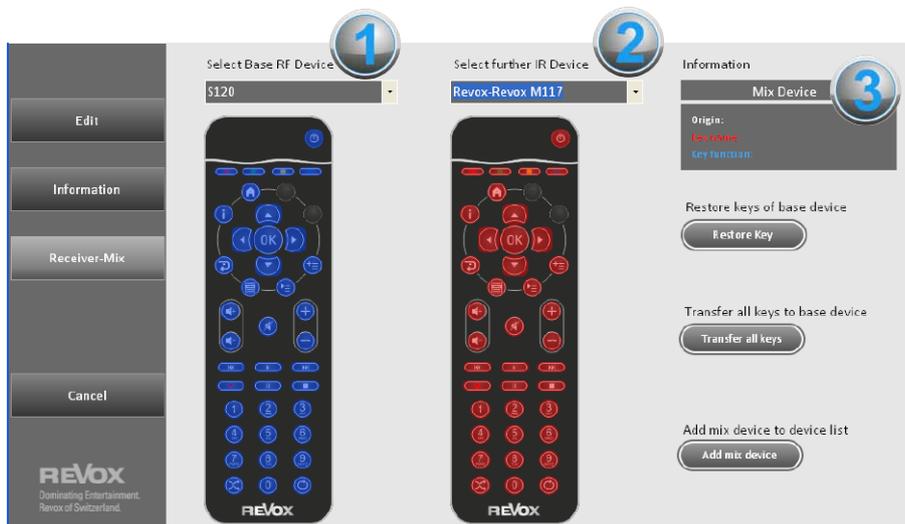
### Receiver Properties

The **Properties** menu shows the most important identifiers of the Network Receivers. This tool is primarily intended for use by the Revox Development team and has no functions that are of further use to users.



## Receiver-Mix

The S208 Remote control offers the option of combining control commands from a receiver with those from two or more IR devices to make a new Receiver Mix device. One of the most frequent uses for this option is to make a combination of a Joy Receiver and a television. In order to avoid having to keep switching between the two command levels, for example when you want to adjust the volume on the Joy Receiver after selecting a programme from the TV EPG, you can create a new Receiver/TV device in **Receiver-Mix** device that combines the two command levels.



How to proceed:

- First select a Joy Receiver as the base device (lefthand remote control) - see ①. If you have not yet already added the desired receiver, you can simply add a so-called dummy receiver with the + **New Receiver** option. You should only use dummy receivers if you want to download this project onto other remote controls, which should control receivers that are as yet unknown. If you want to use the Mix function for existing receivers, we recommend that you pair these with the remote control first and then use them in EasyCreator. Tip: The pairing process is described in detail in the Joy Receiver User Manual. Joy Receiver buttons that are assigned functions are shown in blue. By clicking on the corresponding button, you can display their properties in the Info window ③.
- The second step is to define the second or further IR device whose functions you want to combine with the Joy Receiver - see ②. In the example above, this as a Revox 117 (Entertainment System). This IR device's assigned functions are shown in red. Now using the mouse, drag the desired button (function) across to the Receiver. Only buttons marked in red to indicate that they have assigned functions can be exported to the base device.

### Important

All an IR device's functions must previously have been assigned to a button so that they can also be used in the Mix device. Many of the IR devices in the database have more functions than the S208 has buttons for. You can select which functions are important for you through the function/button assignment. Or alternatively, you can add the functions through the menu **Edit / Edit Buttons**.

### Transferring/ exporting all keys to the base device.

If you want to transfer all the buttons to the base device at one go, you can use the **Transfer all keys** button. This gets around having to manually transfer using the mouse and allows you to transfer up to 39 buttons in a single action.

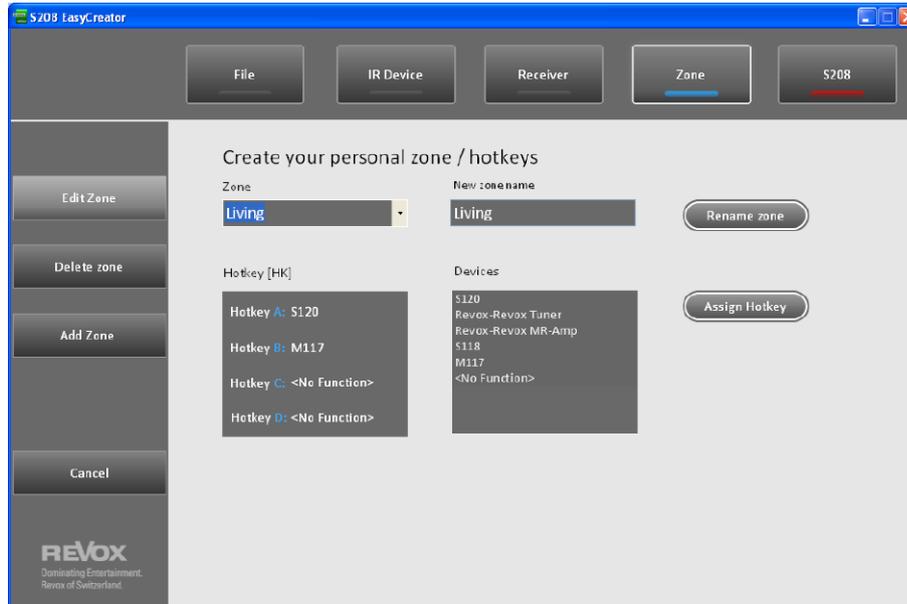
### **Restoring base device button functions**

If you have accidentally overwritten buttons on the Joy Receiver with IR commands, you can correct this situation easily by using the **Restore Key** button. After clicking on the button, the **Restore Key** function remains active until you deactivate it with a second click. Now click on any of the buttons on the base device whose original function you want to restore. While it is active, the button has a blue border.

- When you have brought all the desired IR functions you want together on the newly created Mix device, click on the **Add Mix Device** button. The Mix device is now added to the Device list with the name *Mix Device*. We recommend that you change this default name to a more explanatory name in the next step, through the **Edit / Rename** section.

## D. Zone

An S208 Remote Control can handle up to 24 devices. In order that you can maintain an overview of the individual devices in the corresponding rooms, the Joy system offers up to **8 Zones**. In the simplest case, a zone consists of just one receiver or IR device, e.g. a television. A maximum of 4 devices (receivers and/IR IR devices) can be assigned to one zone. If, for example, you have several identical televisions from the same manufacturer in different rooms, you only have to add this device once as an IR device and then you can combine this television with the different receivers in various zones (rooms).



### Editing Zones

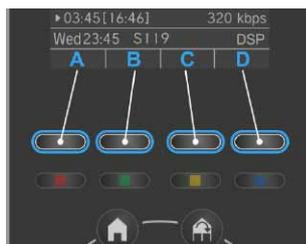
The name of a zone can be changed and the 4 Hotkeys can be assigned to devices from the Device list under the **Edit Zones** section.

### Renaming Zones

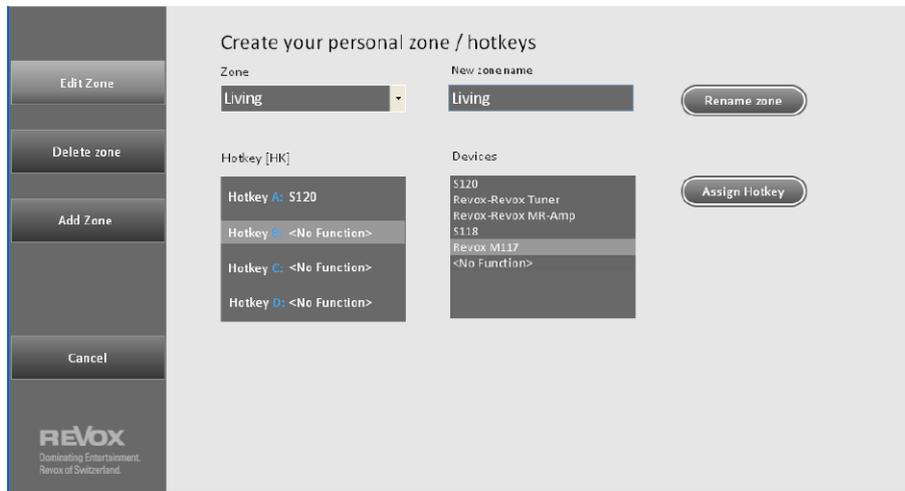
Open the "Zone" pull-down menu and select the zone that you want to rename. Enter the new zone name in the "New Zone Name" field and confirm this with the **Rename zone** button.

### Assigning Hotkeys

The S208 Remote control offers 4 Hotkeys per zone that give you direct access to a device without having to use the Device list selection option. The 4 unlabelled Hotkeys are located directly beneath the display and are assigned to the A, B, C and D display fields - see Figure below. This graphic also appears if the mouse pointer is over the word *Hotkey*.

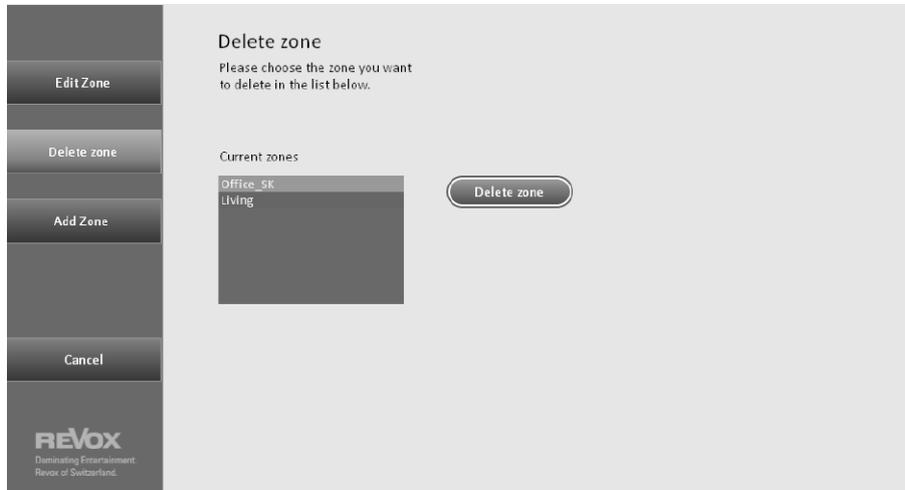


You assign a device to a Hotkey by marking both entries (Hotkey X and the device) with the mouse pointer and then clicking on the **Assign Hotkey** button. In the example below, *Hotkey B* and the *Revox M117* device have been marked. The Hotkey entry **<No Function>** indicates that this Hotkey has not been assigned to a device. If you want to remove a function again, select the corresponding Hotkey and select the entry **<No Function>** from the Device list. Clicking on the **Assign Hotkey** button removes the assignment.



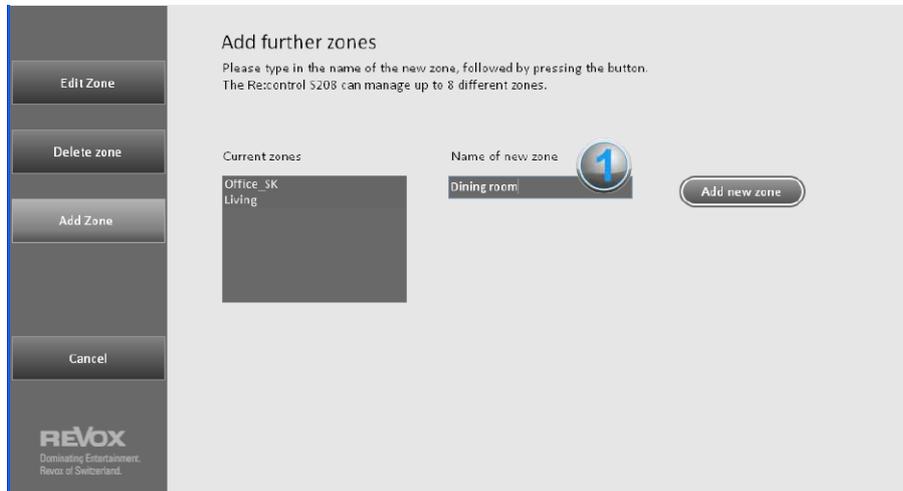
## Deleting Zones

Existing zones or zones that have been added can be removed from the Zone list again with the **Delete zone** button. Select the entry from the "Zones" list that you want to delete. Clicking on the **Delete zone** button removes the highlighted zone from the list without any further confirmation dialogue appearing.



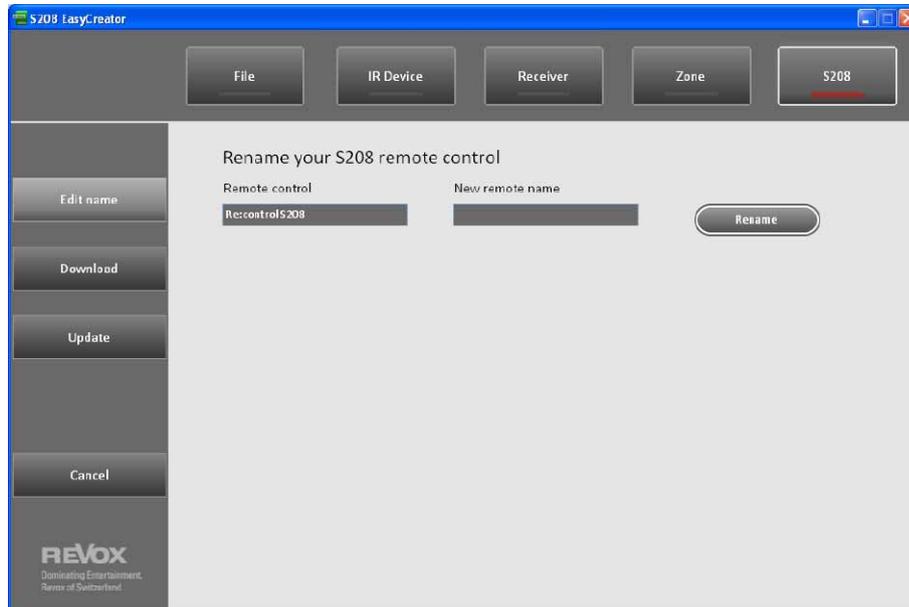
## Adding Zones

The S208 Remote Control can handle up to 8 Zones. You can add further zones to the existing ones with the **Add new zone** function. To do this, enter the name in the  field and click on the **Add new zone** button. The zone is added immediately to the Zone list. In the example below, this was the zone "Dining room" that was added to the existing zones "Office\_SK" and "Living".



## E. S208 Remote Control

All the functions that directly affect the remote control are grouped in the **S208** section.



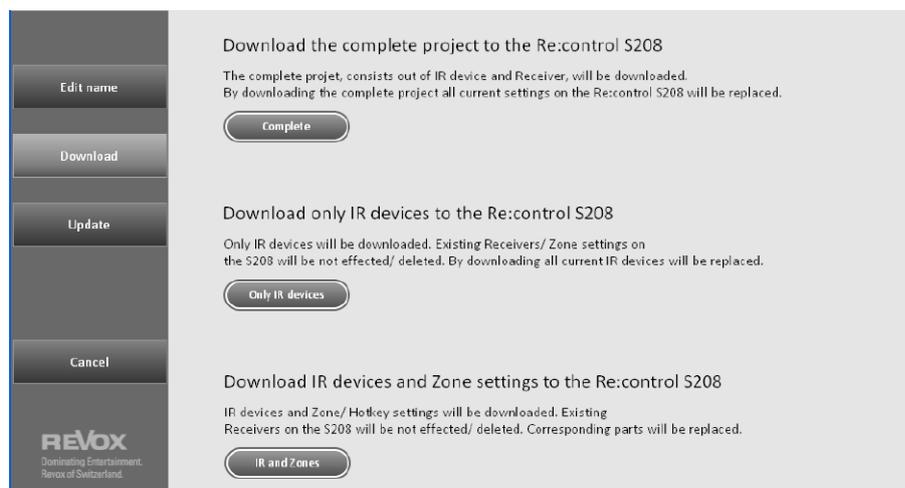
### Renaming the Remote Control

If several S208s are in use, it makes sense to give them different names in order to be able to differentiate between them. The current name is shown in the "Remote Control" field. If you have created or opened a project that has not come about through the connection to the remote control, the message **No remote connected** appears.

Now you can enter a new name with a maximum of 19 characters in the second, righthand field "New Remote Control Name". The new name is applied by clicking on the **Rename** button.

### Download

You can download projects from your PC to the remote control from the Download area. In order to cover different situations, EasyCreator offers three different download options.



If you should have selected one of the download options before first establishing a connection with the S208 Remote Control, the connection menu opens automatically. Once a connection is in place, the previously selected download starts.

## Complete

The complete project is transferred to the S208 with the **Complete** option. Any data that is still on the remote control is overwritten. All receivers and IR devices, together with zones and Hotkey assignments are transferred as part of the download.

It always makes sense to use the **Complete** option for a data backup or when creating an identical second remote control. The receivers should be paired with the remote control before uploading. In this way, the receivers can be used in the zone and Hotkey assignment and are retained in the case of a download.

## Only IR Devices

Only IR devices are transferred to the remote control if you use the **Only IR devices** option. Receivers, together with zone and Hotkey assignments remain unaffected.

This option is suitable for the adding of specific IR devices to the receivers if the desired zone and Hotkey assignment is still known and should be done through the remote control itself.

## IR Devices + Zones

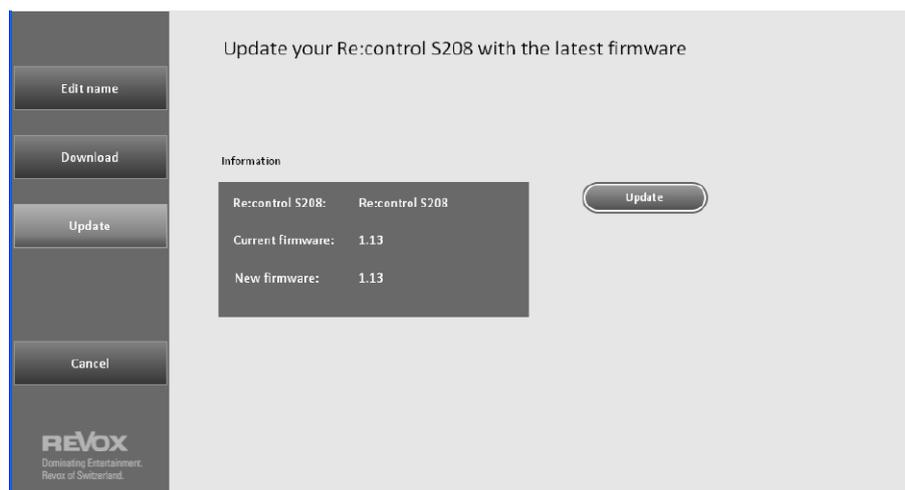
This option was specially developed for our Revox dealers. They can create projects for their customers, which should have a particular constellation in terms of IR devices and zone/Hotkey assignment. During the download, the receivers are retained on the customer's remote control and are extended by the IR devices and their assignment. In this way, a new remote control configuration can be created without having to carry out a pairing with the customer's receiver.

This type of download is of course also interesting for hotels who have several rooms that are equipped with the a Joy Receiver, an S208 and the same type of television. In this case, the project is set up once and then downloaded onto the corresponding remote controls. The paired assignment between receiver and S208 is retained and is extended with the IR devices and their Hotkey/zone assignment.

## Update

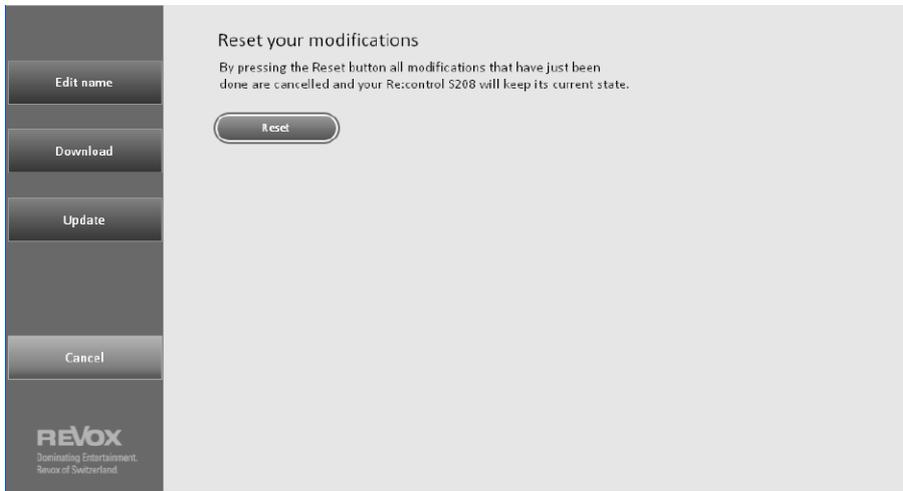
In the Update section, you can carry out a manual update of the S208 firmware and display information about the current firmware status of the S208. Once the S208 connects to EasyCreator, a check is made as to whether the remote control has the newest firmware version and will suggest an update if necessary. As the S208 firmware is included in EasyCreator, you should always ensure that you have the latest EC software installed on your PC.

**Note:** If there is no connection to the S208, the **Update** button is not shown.



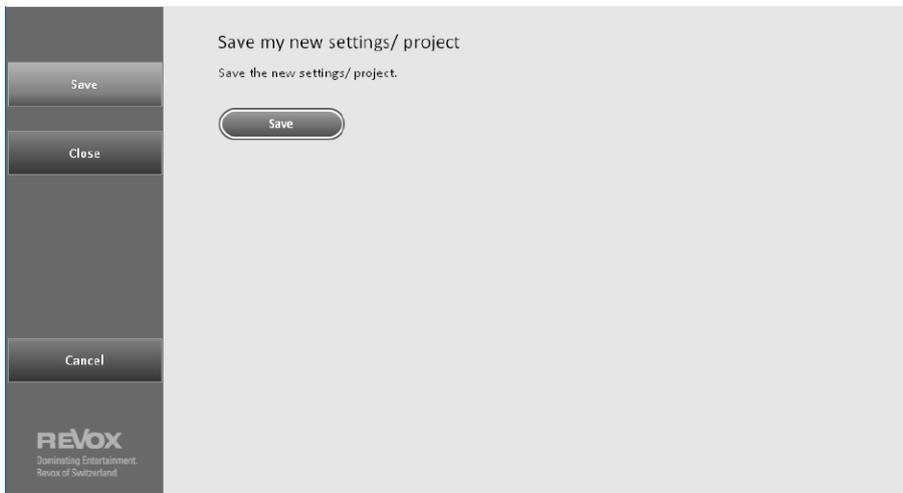
## F. Reset

You can reset any changes you have made using the **Reset** button, which is always available regardless of the selected menu. No confirmation dialogue appears before the reset is carried out.



## G. File

As well as offering the options of (intermediate) saving and closing projects, you can also quit the EasyCreator program through the **File** section



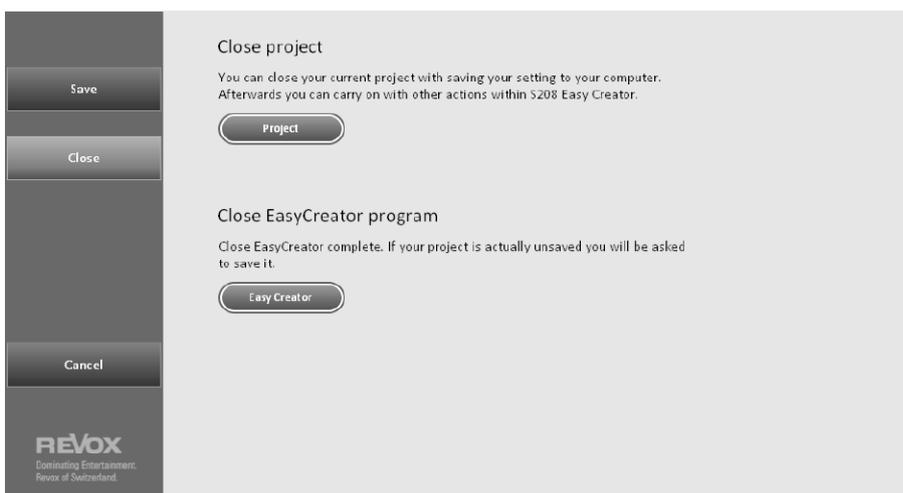
### Save

You can save an opened project under the name of your choosing with the **Save** button. The Save button corresponds to the *Save As...* function.

If you want to make an intermediate save while editing a project, use the previously assigned project name and replace the earlier version of this project.

Additionally when closing a project, the system asks where you want to save your project. See next section *Close*.

### Close



### Close Project

If all the desired changes have been made to the project, you can close the project with the **Project** button. Before the project is finally closed, you are asked whether and where you want to save the project. If you don't want to save the project, click on *Cancel*.

The next step takes you to the EasyCreator start page from where you can edit new projects without being able to connect to the S208 remote control.

### **Closing EasyCreator**

You can close and quit the program with the **Close EasyCreator** button. Before the project is finally closed, you are asked whether you want to save the project. If you don't want to save the project, click on *Cancel*. Now the EasyCreator program is closed and quit.