



# WERSI

Brand Owner & Development

## MUSIC STORE

professional

# SONIC

OAX1 - OAX500 - OAX600 - OAX700

OAX800 - PERGAMON OAX1000



# OAX

OpenArt-Xtended

Operation Manual  
New Features V 2.90

## Imprint

Additional operating instructions of version 2.90 for

**WERSI-Organ SONIC OAX1, OAX500, OAX600, OAX700, OAX800, PERGAMON OAX1000**

Software version at printing:

**V2.90**

Stand: 18. August 2022

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# 1 New Easy Split

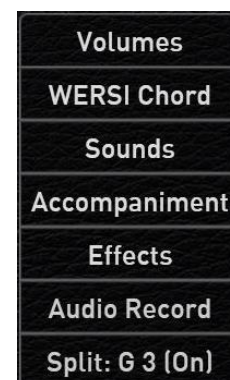
To make it easier to enter a split point in the lower manual, the **Easy Split** function has been integrated. With two touch inputs you can split the lower manual into two areas and set the desired split point in a flash.

## 1.1 Easy split point for the lower manual (two-manual models)

The OAX system offers the possibility of assigning an individual area to the individual selectors on the corresponding manual.

However, it can also make sense to divide the lower manual into a left and right area in just two steps.

With the easy split for the lower manual, you can keep track of which sounds are being played on the right side of the lower manual. The desired split point can be entered very easily by pressing the desired button on the lower manual.



### 1.1.1 Instructions for using the Easy Split

#### Number of selectors

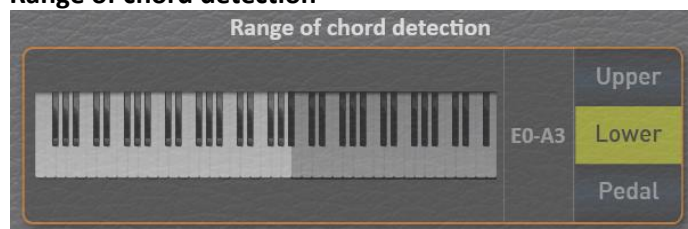
Up to four selectors are provided for the right and left area. These eight selectors are reserved for this. So when turning on the Easy-Split, the pool gets smaller, although the selectors may not yet be used.

**Example:** We assume a total preset, which only uses one selector on the manuals. From the maximum number of selectors (16) we subtract three, leaving 13 free selectors. If the easy split is switched on now, the number of free selectors in the pool is reduced to 6. Two selectors for the upper manual and pedal, plus eight reserved selectors for the two split sections makes ten, leaving six free selectors that you can use for the upper manual and pedal. The third manual for the OAX1000 gives us five free selectors.

#### What happens when the Easy-Split is switched on?

The number of selectors for the left area is reduced to two selectors and the sounds are played an octave higher.

#### Range of chord detection



As soon as the easy split is set, the chord recognition area is firmly connected to the easy split. The split point can then no longer be changed on the ACC Mixer display page and the corresponding input field is grayed out.

**Note:** If you have already saved your own Total Presets in which you have set up different playing areas for the lower manual, these older settings can collide with the new Easy-Split. In this case, we recommend that you create the Total Presets from scratch.

### 1.1.2 Set Easy Split

1. Choose a total preset that you want to expand with a lower manual Easy Split. The split display button is set to **Split: Off**.

Split: Off

2. Now press the display button **Split: Off** and the display keyboard opens. .



3. Now enter the split point by pressing the desired key on the lower manual. In this example we pressed the F#3 key.

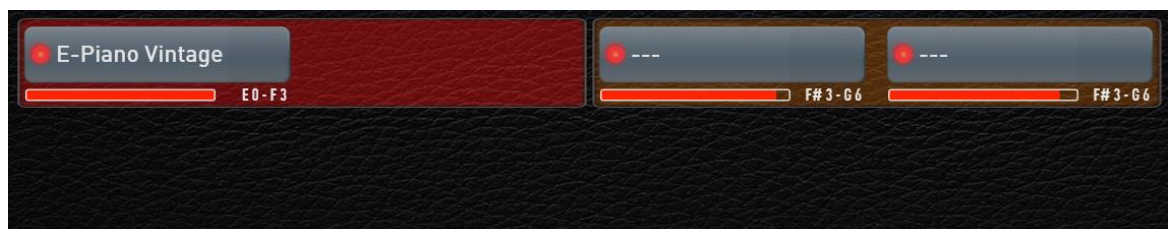


The display keyboard disappears after a few seconds.

4. The split display now shows Split: F# 3 (On) and the lower manual has been split into two sections.

Split: F# 3 (On)

Two empty selectors have already been created for the right split area



5. Choose one of the new selectors and register the desired sound. You can also drag additional selectors from the pool into these two areas.

When you're done with your registrations, it might look like this.




6. Save this total preset as usual.

**Easy split point on/off**


You can easily switch the Easy-Split off and on again using the Display **Split:**

A rectangular button with a dark background and a thin border. The text "Split: F# 3 (Off)" is displayed in a light-colored, sans-serif font.**Change easy split point afterwards**

To change a split point that has already been entered, press and hold the display button **Split:** for one second. The onscreen keyboard opens and you can enter a new split point.

A rectangular button with a dark background and a thin border. The text "Split: E 3 (On)" is displayed in a light-colored, sans-serif font.**Remove easy split point**

To remove the easy split point from your total preset altogether, press and hold the **Split:** display button for one second. The display keyboard opens. Now press the deepest key on the lower manual.

A rectangular button with a dark background and a thin border. The text "Split: Off" is displayed in a light-colored, sans-serif font.

### 1.1.3 Observe the notes on Easy-Split

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**Note:** If you have already distributed sound to the left and right in your own total presets, these cannot be automatically transferred to the new system.

**CD player:** The CD player button is now used to toggle the split point on and off. The CD player can now be accessed via the AUDIO button.

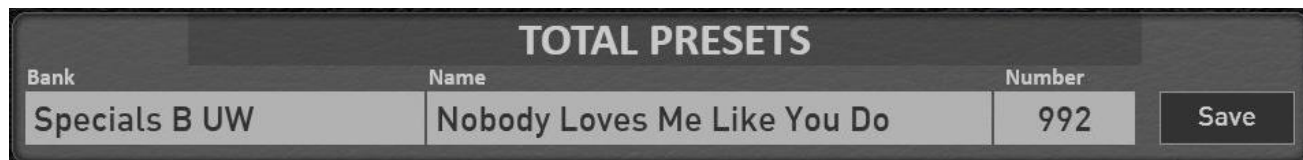
See chapter 4.1 CD-Player.

**Note on the OAX1 keyboard:** With the OAX1 keyboard, the Easy Split is only available in the version with an additional second manual.

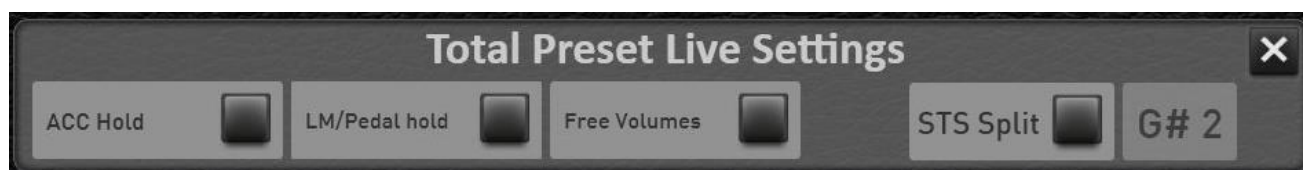


## 1.2 Play STS-Presets with Easy-Split

All 376 factory styles have received a lower-manual split for the four STS presets. The lower manual sounds remain identical within the four STS presets. You can choose to play the STS presets with or without the split in the lower manual. To turn on the sub-manual split, press the "Total Preset" heading for a second.



The display changes to the "Total Presets Live Settings" display.

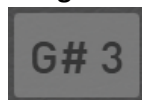


On the right side you can see whether the STS split is on or off and what note the split point is on.

### STS split on/off

Press the **STS Split** display key to turn the split on or off.

### Change STS split point

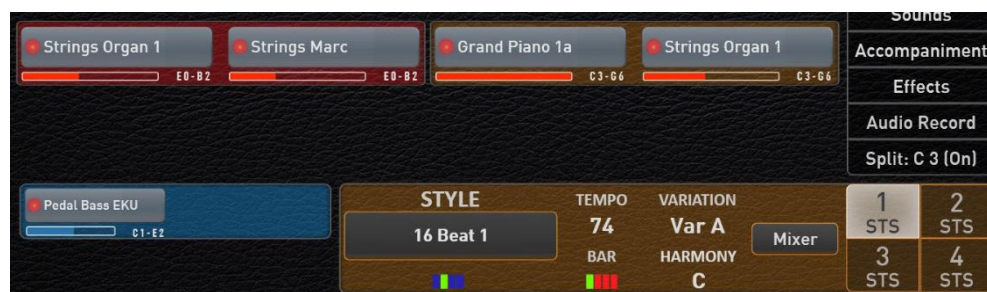


To change the STS split point, press on the area of the display that shows the current split point. The display keyboard opens. Select the split point by pressing the desired button on the lower manual. In this example we pressed the C3 key.



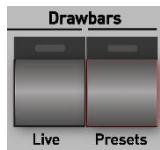
The display keyboard disappears after a few seconds.

The STS Split display now shows **Split: C 3 (On)** and the lower manual has been split into two sections.



Whether the STS split is on or off and which note the STS split is on, is automatically saved.

## 2 Innovations in the field of variable drawbars



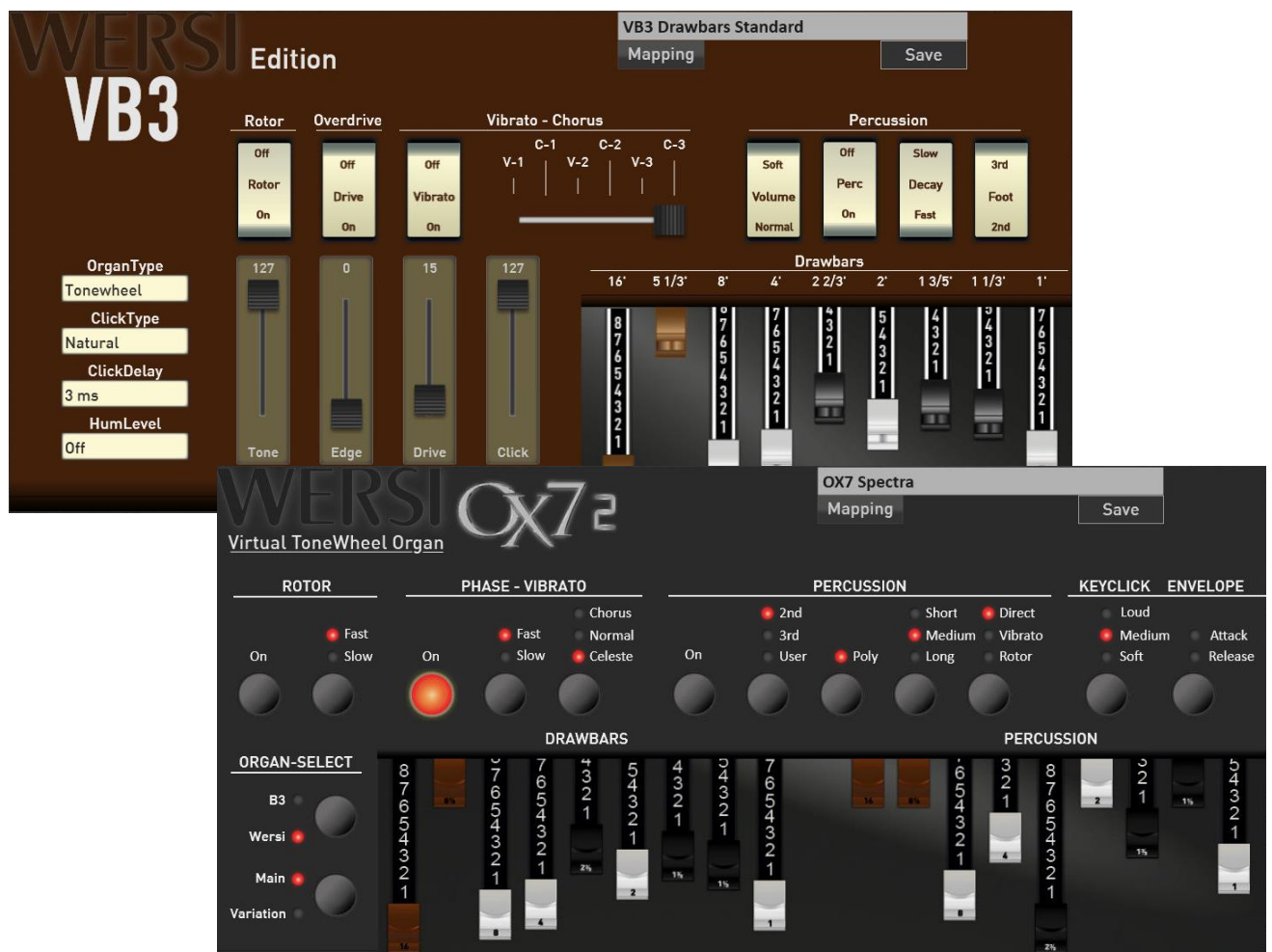
The drawbar sounds are divided between the two sound buttons **Drawbars Live** and **Drawbars Presets**.

All drawbar sounds that cannot be changed using the drawbars are located on the button **Drawbars Presets**. These are fixed, sample-based sounds. If the panel button Drawbars Presets is pressed, the normal mapping interface opens. Just like with all other sounds.

The sounds for which the footage can be changed using the drawbars or the display are located on the **Drawbars Live** button. Your OAX instrument now has the three organ models WERSI OX7, HAMMOND VB3 and FARFISA Compact.

Each organ model has its own user interface. There you can adjust the drawbar sound according to your wishes.

For the new **V2.90**, the design of the user interfaces for the OX7 and the VB3 has been slightly adjusted.





## 2.1 Switching between the different organ models

As soon as you have pressed the **Drawbars Live** control panel button, the mapping appears, on which you can select the desired organ sounds.

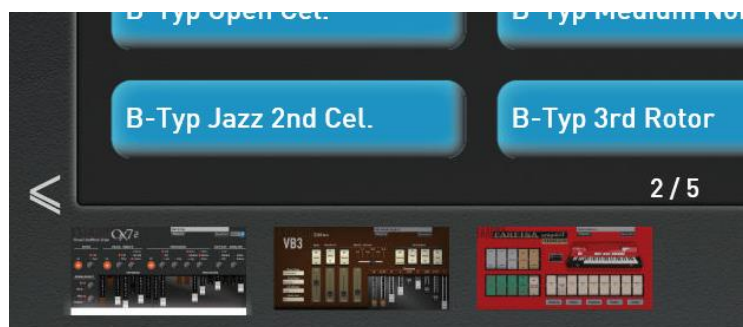


Here you have the following options:

In the factory setting, the **Factory** display button is selected. A few main sounds of all existing organ models are displayed. With software version V2.90, these are the sounds of the OX7, the VB3 and the Farfisa Compact.

Your instrument remembers which organ sounds you use most often. Up to 15 sounds are saved under **Favorites**. If you are working with the instrument for the first time, this display will of course be empty.

You can also create your own mapping and store the drawbar sounds you use most of all organ types under a **Own (mapping)**.



Via the larger display symbols **OX7**, **VB3** or **Farfisa** you have access to all the factory sounds of the respective organ.

In our example, you can see that there are more than 15 sounds by the display "2/5". There are a total of five pages with sounds from the "OX7" area and the illustration shows page 2 of 5.

With a swipe from left to right or right to left, you can switch between the individual pages. If you don't want to select the mappings by swiping, you can also use the arrows at the bottom left and right.

Or you press the **Drawbars Live** button several times. This displays all mappings one after the other. So 1/5 to 2/5 to 3/5.....5/5 and then start again with 1/5.

By selecting a sound, the sound is loaded onto the previously selected selector. The mapping display will close and you will see either the live interface of the selected organ or the professional display.

Please also note that the live organs OX7 and VB3 can only be placed once on the upper and lower manual.

## 2.2 Selecting self-saved drawbar sounds via the mapping

You already know from the previous software versions how you can save your own drawbar sounds.

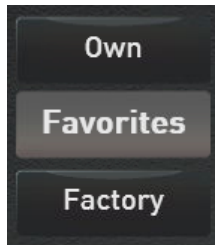
Where can you find the drawbar sounds you have saved yourself from V2.90?

The User display button is located at the bottom right of the organ mapping. The self-saved drawbar sounds of **all** organ types are displayed here



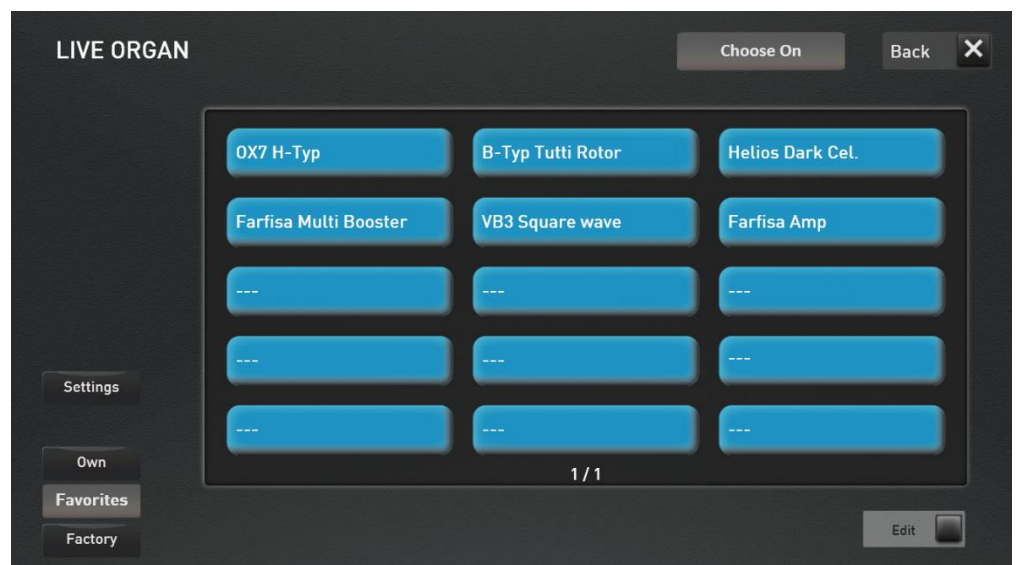
You already know from the previous software versions how you can save your own drawbar sounds.

## 2.3 Your favorites of all organ types on the mapping

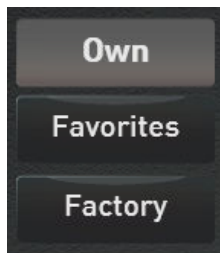


Your instrument remembers which organ sounds you use most often. Up to 15 sounds are saved under favorites.

In our example, six sounds have been used by the "Drawbars Live" button. Three sounds of the OX7, two Farfisa sound and one sounds of the VB3.



## 2.4 Create your own mapping for the live drawbars



You can also create your own mapping for the Drawbars Live panel button.

This gives you the option of storing the drawbar sounds you use most for all organ models under **Own** (mapping).

### How can you make good use of these opportunities?

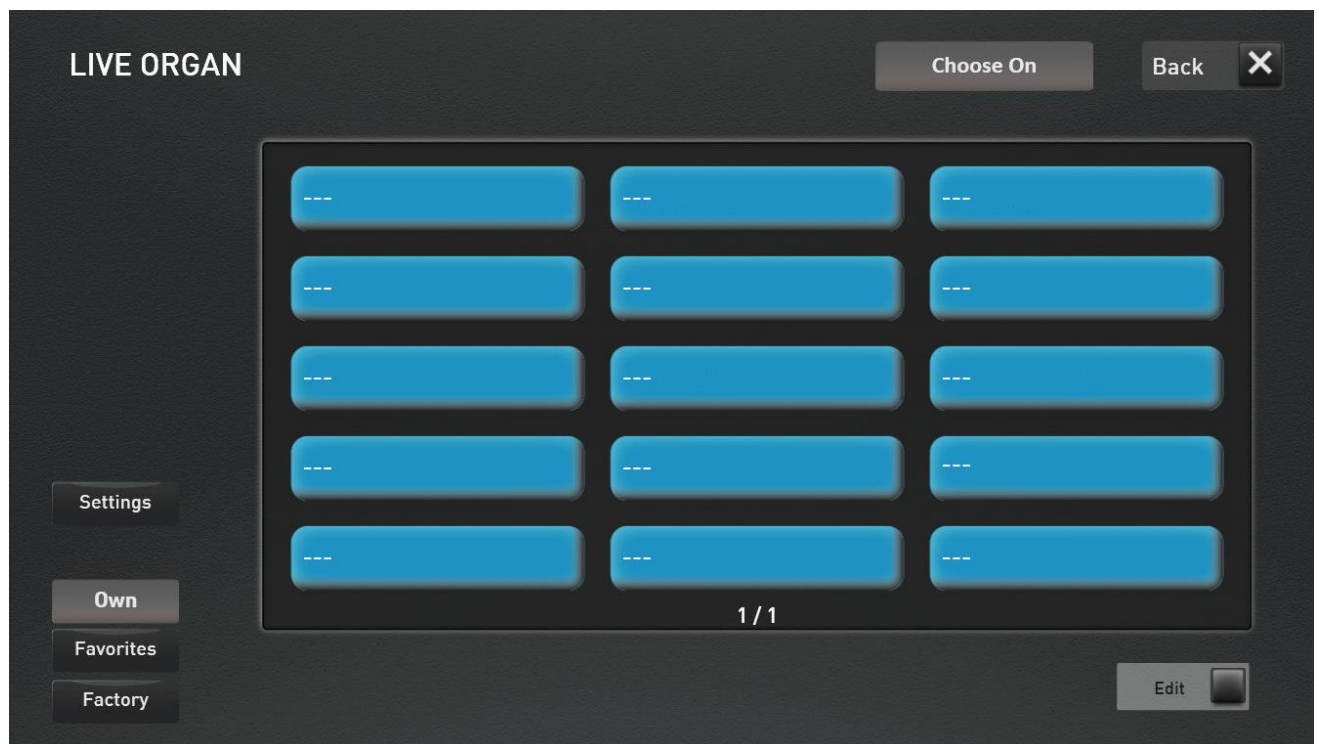
We assume that you do not always need all the sounds of all organ models while playing. If you like three sounds from the OX7 and two sounds from the VB3, you can place these five sounds on the **Own (mapping)**.

Select the **Drawbars Live** panel button.

If the large main display of an organ opens, press the **Mapping** display button.



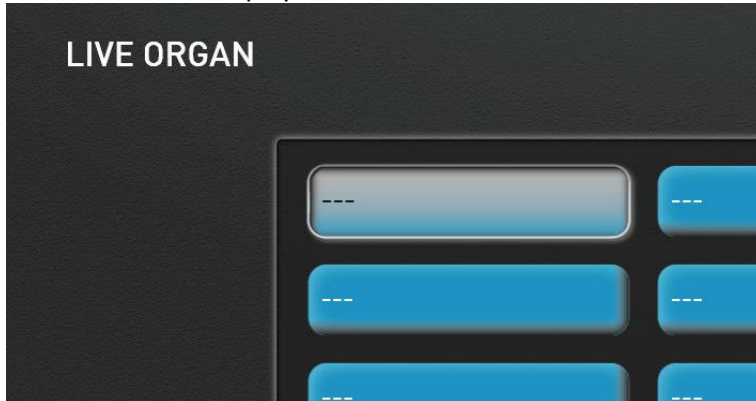
Then select the **Own** mapping. The mapping is initially empty.



Activate the **Edit** function at the bottom right and some new functions will appear in the lower part of the display.



1. Press the desired display button to which the sound is to be mapped.



2. Press the Mappen display button and the sound list for the live drawbars opens.



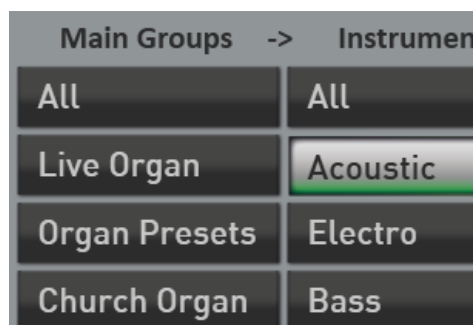
3. Now select the desired sound from the list. In our example it is the sound "**H-Typ Straight Rot.**".
4. Confirm with LOAD. The list is closed and the selected sound is on the previously selected button.



5. You can now assign further display buttons according to your wishes.
6. With the display button **NEW LEVEL** you can add further levels to your own mapping.

## 2.5 Selecting Live Drawbar sounds via the sound list

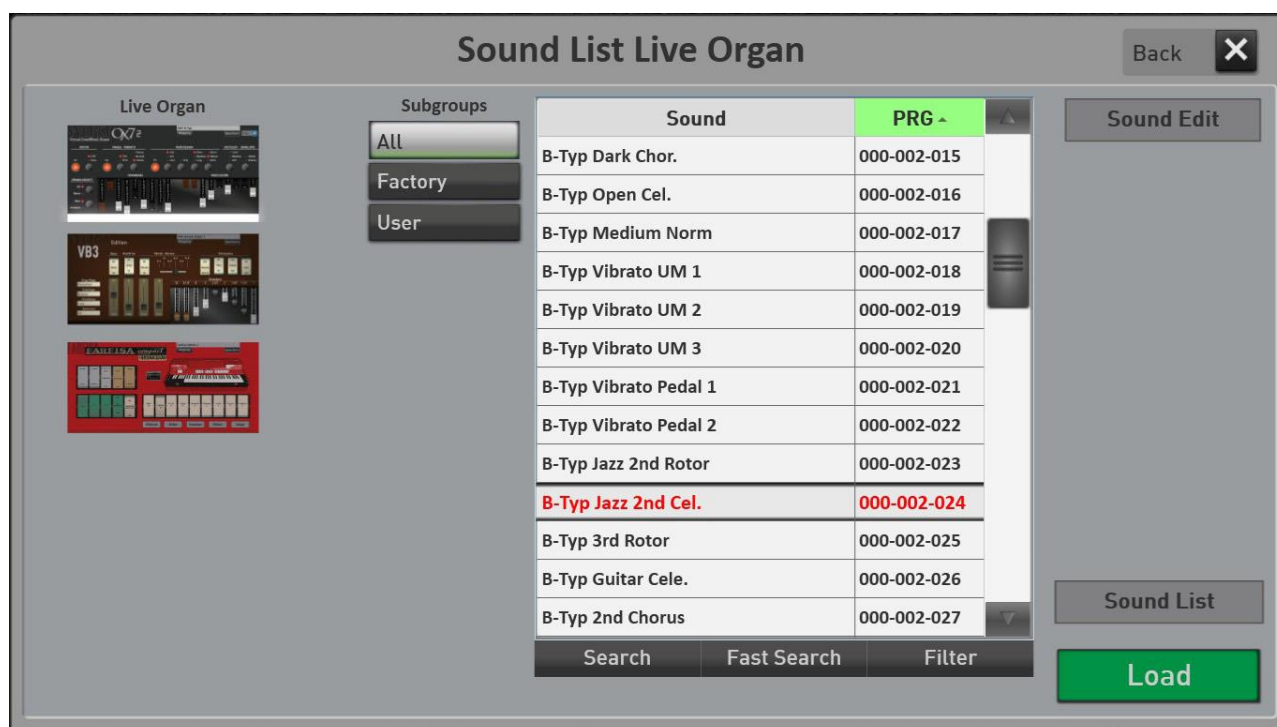
Use the **Sounds** display button to call up the list of OAX sounds. Nothing changed about that. The former 12 main groups have been expanded with the main group Live Organ.



As soon as you press the main group **Live Organ**, the display jumps to the special sound list for the live drawbars.

Select the desired organ model on the left-hand side.

In the subgroups, you can switch the view from **All** sounds to **Factory** sounds or **User** sounds.

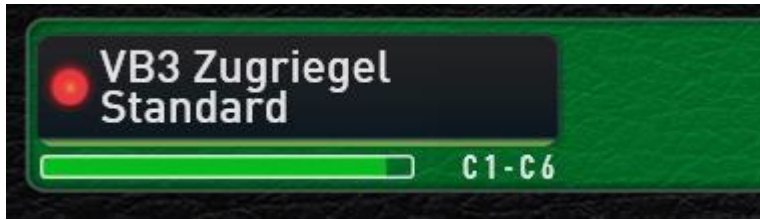


You can return to the normal list of sounds with the display button **Sound List**.

The display button **Sound Edit** opens the respective large live organ interface.



## 2.6 Opening the Live Organ main page from the Profi Display

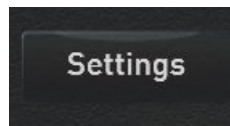


If you want to open the main page of a live organ from the professional display, press and hold the corresponding selector or the panel button **Drawbars Live** for one second.

Nothing has changed about opening the manual controller with a double click.

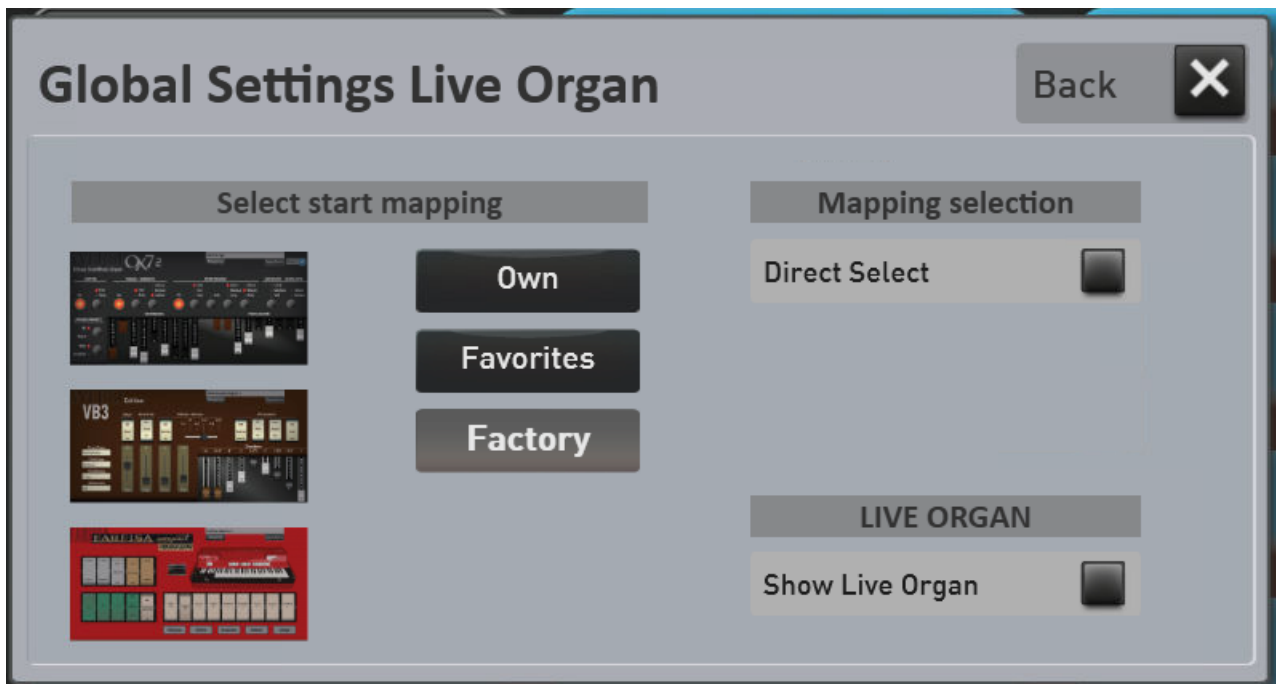
## 2.7 Special Settings for the Live Organ Models

**Note:** Even with the normal sound buttons, there is a Settings button on the mapping page. In the live organ area, the possibilities have been expanded.



On the mapping page of the live organ models, on the left side is the page display button **Settings**.

The "Global Settings Live Organ" display opens.



### 2.7.1 Select start mapping

Here you can specify which mapping is displayed when you press the Drawbars Live panel button coming from a different sound button. Each time you press the panel button multiple times, the next mapping page is displayed. Provided there are multiple mapping pages.

- Factory Mapping** -> The factory compilation of the main sounds of all organ types.
- Favorites** -> The automatically created mapping of your most used drawbar sounds.
- Own mapping** -> your own compilation of the timbres of all organ types.
- Organ Types** -> Depending on the selected organ OX7, VB3 or Farfisa, the respective factory mapping is displayed with all existing sounds of the selected organ.

#### Show live organ

Here you can decide whether the organ interface should appear automatically in the display when you have selected a sound in the mapping.

If this function is set to Off, you will return to the profi display after selecting a sound.

### 2.7.2 Mapping selection

The direct selection function allows you to set whether a sound is selected directly when you select the Drawbars Live control panel button.

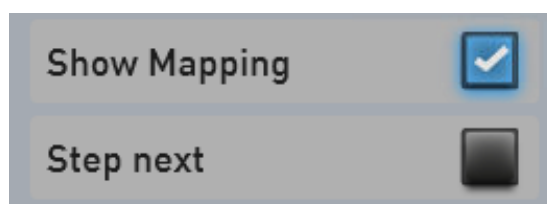


**Direct selection off** -> If you press the panel button Drawbars Live, the mapping appears as usual. However, no sound is selected directly. So you can select in the display which sound you want to play.

**Direct selection on** -> Here the first sound on the previously defined start mapping is selected directly.



If the direct selection function is switched on, the additional display switches "Show mapping" and "Step Next" can be seen, with "Show mapping" already being activated.



Show Mapping



Show Mapping



**Show mapping off** -> The first sound on the specified mapping is selected. The mapping cannot be seen.

**Show mapping on** -> Each time you select the Drawbar Live panel button, the selected mapping is displayed and the first sound is selected.

**Important note:** If the "Show mapping" function is switched off, press and hold the Drawbars Live panel button for one second. The large organ display opens and you can use the Mapping display button to return to the mapping level.

Step Next



Step Next



**Step Next off** -> If you press the panel button Drawbars Live, the first sound of the mapping is selected directly. The second time you press the button, the mapping jumps to the next mapping page, but without selecting another sound or accompaniment.

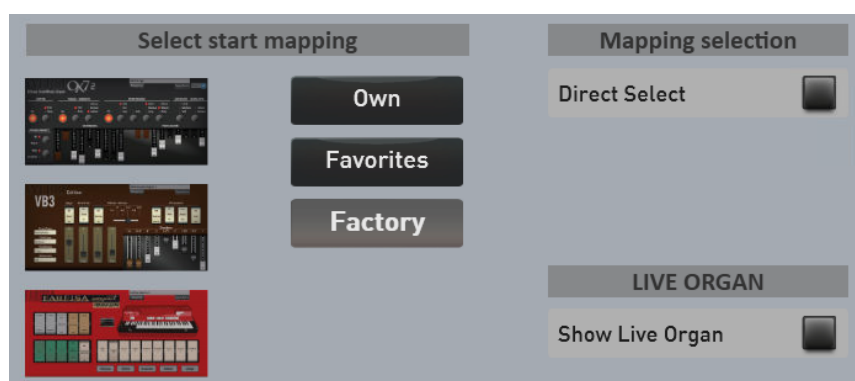
**Step Next on** -> Now the sound advances by one each time you press a button. Do you have your own mapping with e.g. For example, if four sounds are created, you can switch to each sounds by repeatedly pressing the button. With four sounds on your own mapping, pressing five times takes you back to the first mapping place. The function "continue" runs in a circle.

#### What combinations result when you press the panel button Drawbars Live!

In connection with the functions **Start mapping**, **Show live organ** and **Direct select**, **Show mapping** and **Step next**, some interesting combinations result. Here are just a few examples:

#### Version 1

You want the factory mapping of all organ types to be shown in the display when you press the **Drawbars Live** panel button. However, a sound is only selected when you select one of the sounds in the display. After selection, the display jumps back to the professional display.



**Factory** is selected under Start Mapping. Show Live Organ and Direct Select are off.

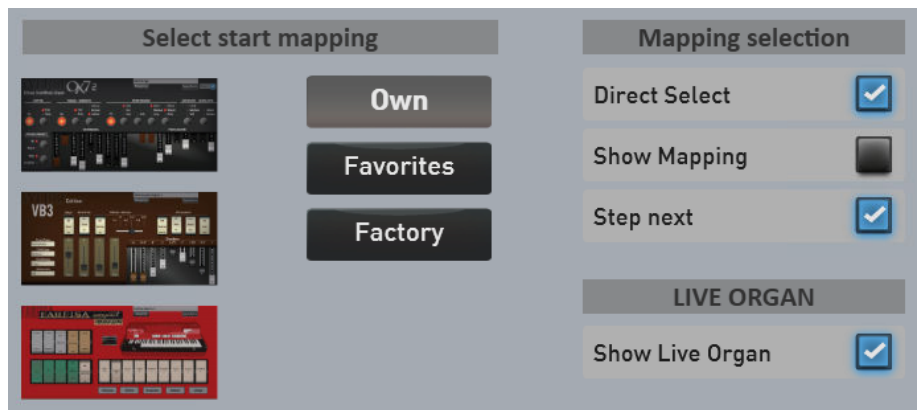
**Version 2**

You want the first VB3 sound to be selected and the large VB3 interface to appear in the display when you press the **Drawbars Live** panel button.

The **VB3** is selected under **Start Mapping** and the **Show Live Organ** and **Direct Select** functions are activated.

**Version 3**

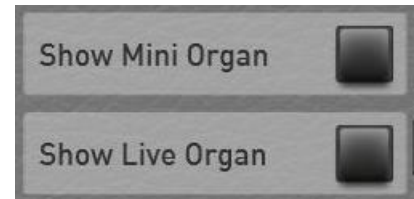
You have put together your **Own** mapping from all organ types and want these sounds to be selected one after the other each time you select the **Drawbars Live** control panel button again. The corresponding surface of the live organ can always be seen.



## 2.8 Live organ or mini organ in the profi display

### 2.8.1 Saving to a Total Preset

Each of the live organs has the large live organ interface and also a small mini interface. You can show both in the main display if required. You can then save this selection in a total preset.



Register a Live Organ and open the Manual Controller by double-clicking on the selector. On the right side you will see two more setting options. Also with the Silbermann organ from V2.90 you can find the setting option **Show mini organ** here.

#### Show mini organ

Each live organ has a small mini display that you can show on the main display.

If the **Show Mini Organ** function is activated, the Mini Display will also be shown when the Total Preset is called up later. Here is an example of a sound of the VB3. Every mini organ has the Open display button. Use this to open the respective live organ display in a flash.



#### Show live organ

If the Show live organ function is activated, the large view of the live organ will be displayed when you later call up the total preset.





### The other mini displays of the OX7 and the FARFISA



### 2.8.2 Factory presets as a demonstration

Ten total presets have been saved in the factory to show you the possibilities.

741	Orgel Live Specials	OX7 Live Display	This total preset opens the large display of the OX7.
742	Orgel Live Specials	OX7 Mini Display	Total Preset opens the mini display of the OX7.
743	Orgel Live Specials	VB3 Live Display	This total preset opens the large display of the VB3.
744	Orgel Live Specials	VB3 Mini Display	Preset opens the mini display of the VB3.
745	Orgel Live Specials	Farfisa Live Display	This total preset opens the Farfisa's large display.
746	Orgel Live Specials	Farfisa Mini Display	Preset opens the Farfisa mini display.
747	Orgel Live Specials	OX7 Display and VB3 Mini Displays	Ober- und Untermanual mit unterschiedlichen Mini DisplaysUpper and lower manual with different mini displays.
748	Orgel Live Specials	VB3 Mini Display Lower	OX7 with Live Display and Mini Display. When selecting the total presets, the live display appears. When closing, you see the OX7 Mini Display on the professional display.
749	Orgel Live Specials	VB3 Mini LM Combination	The VB3 Mini Display with additional sounds on the lower manual and "normal" sounds on the upper manual.
750	Orgel Live Specials	OX7 Special Samba Mix	OX7 Brass Mix with OX7 Mini Display

### 3 Legendary FARFISA Compact Organ

The first portable organ from Italian manufacturer FARFISA was the Compact series, released in 1964. The red compact combo organ was the star of the line and was used in many bands.

#### 3.1 Main page of the FARFISA Compact

If you would like to open the main page of the FARFISA Compact from the professional display, register a sound from the Farfisa on a selector and keep this selector pressed for one second.



#### The operating concept of the FARFISA Compact

On the left you can see the three footages 16', 8' and 4' as green rocker switches. On the right side you can see another nine sounds from the footage 16', 8' and 4' as beige rocker switches. These two realms can never sound together.

Switching is done with the **MULTI-TONE BOOSTER** rocker switch. In the off (ON) position you will hear the green rocker button footage and in the on (OFF) position you will hear the beige rocker button footage.

The **ALL BOOSTER** rocker switch closes the filter for the three green footages. The filter can then be opened and closed using the modulation wheel.

In the original instrument, this function was carried out via a toggle lever that was attached under the console.

At the top left there are the effects Vibrato and Hall (Reverb)



The vibrato can be turned on or off. Furthermore, the vibrato speed can be adjusted between fast (FAST) and slow (SLOW), as well as the intensity between little (LIGHT) and strong (HEAVY).

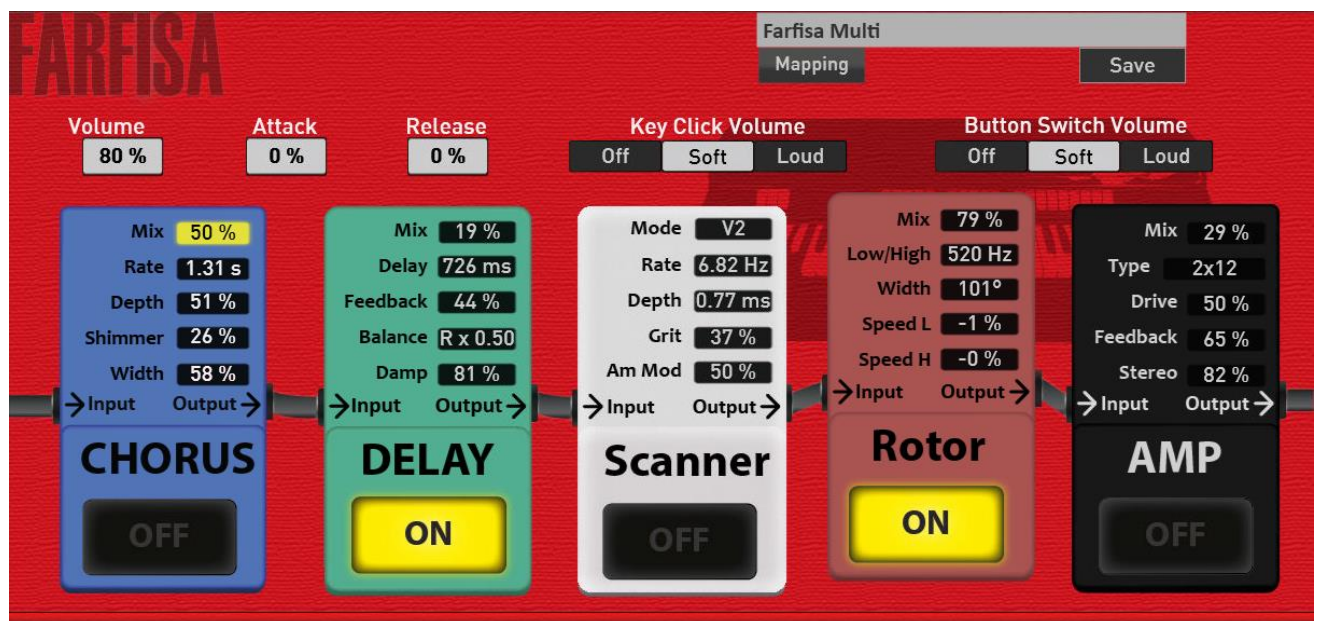
The Reverb can be switched on or off and adjusted in intensity between medium (MED) and long (LONG).

Furthermore, the five effects Chorus, Delay, Scanner vibrato, Rotor and an Amplifier (Amp) can be switched on and off on the front. You can see how you can set these effects under the advanced settings.

### 3.2 Advanced settings for the FARFISA Compact

By sliding to the left (arrow to the right) you can access further settings for the FARFISA Compact.

The built-in effects give the sound the finishing touch. The Effects Chorus, Delay, Scanner vibrato, Rotor and an Amplifier are available.



#### Volume

If you save your own FARFISA sound, you can set the volume here. If you e.g. B. used the AMP, the sound must be safely stored at a lower volume.

#### Key Click volume

As with many analog instruments, playing the keyboard produces a clicking sound. You can set this noise to quiet or loud or switch it off completely.

#### Attack and Release

**Attack** delay the onset of the sound. The sound fades in softly. With **Release**, the sound gets a longer decay.

**Volume Switch Noise**

Some rocker switches of the FARFISA Compact produce a slight crackling noise when used. You can set this noise to quiet or loud or switch it off completely.

**Effects**

The effects can be switched on and off using the five large display buttons. These display buttons are identical to the 5 effect buttons on the first page.

**CHORUS**

Mix 0 bis 100%	Balance between the original sound and the chorus
Rate	Speed of the chorus
Depth	Intensity of the chorus
Shimmer	Adds an upset
Width	Stereo width

**DELAY**

Mix 0 bis 100%	Controls the volume of the echoes
Delay	Echo Velocity (spacing of echoes)
Feedback	Feedback of the generated echo signal. If this parameter is set to zero, only an echo is generated.
Balance	Splits the echo into two parts and shifts them from left to right or vice versa.
Damp	The longer the echo, the duller the sound becomes.

**SCANNER (Vibrato)**

Mode	Here the typical modes C1, C2, C3 and V1, V2 and V3 of a scanner vibrato can be adjusted.
Rate	Speed of the scanner vibrato
Depth	Intensity of the vibrato. When the slider is at zero, there is no scanner vibrato.
Grit	Makes the scanner function rougher.
Amp Mod	Amplification of the amplitude modulation

**Rotor**

Mix 0 bis 100%	Controls the proportion between the original sound without the rotor and the sound produced by the rotor.
Low/High	Controls the crossover frequency between the bass and horn components.
Width	Controls the stereo width
Speed L	Controls the speed of the bass drum
Speed H	Controls the speed of the horn

**AMP (Verstärker)**

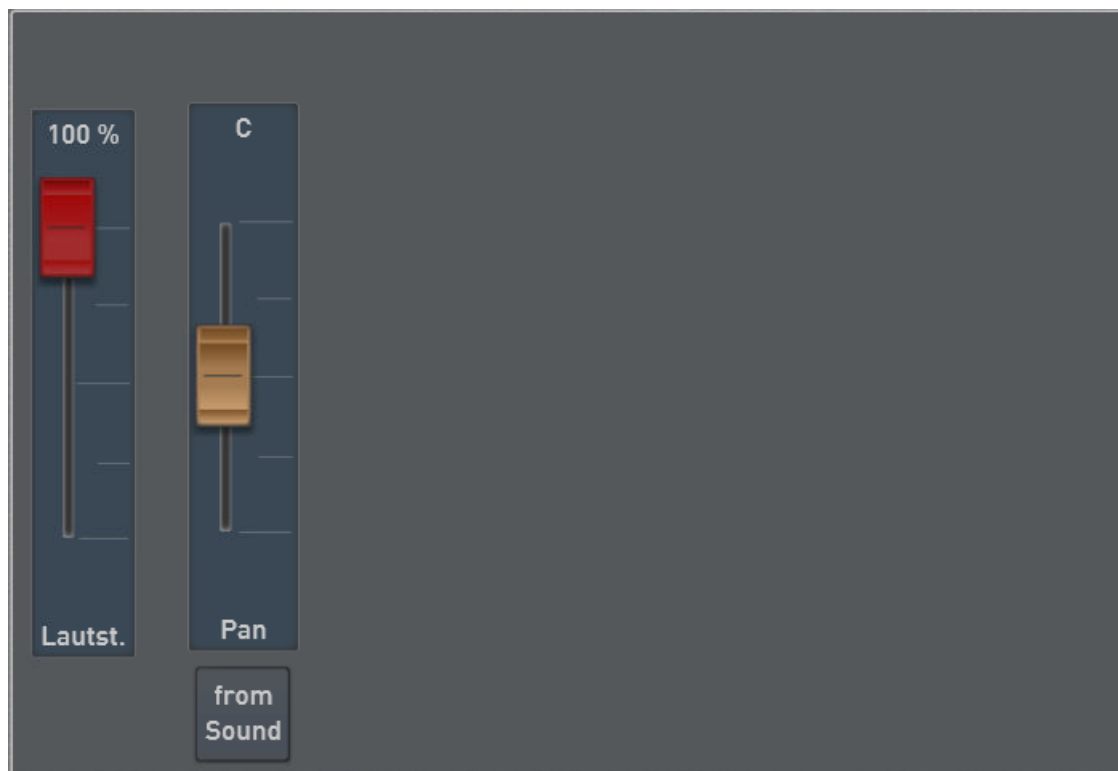
Mix 0 bis 100%	Adjusts the ratio between the original unamplified sound and the amplified sound
Type	Choice of AC, Vintage, 2x2, 4x12, Axis, Dark 1, Dark 2 and Radio amp types
Drive	Intensity of the distortion
Feedback	Feedback of the distorted signal
Stereo/Mono	Switching between stereo and mono

### 3.3 Standard controller of the FARFISA organ

As you are used to from all other sounds, double-click to open the selector controller.

Due to the FARFISA's own effects page, there are no further options available under standard and sound controllers.

The volume and the value for the pan are stored in the total preset.



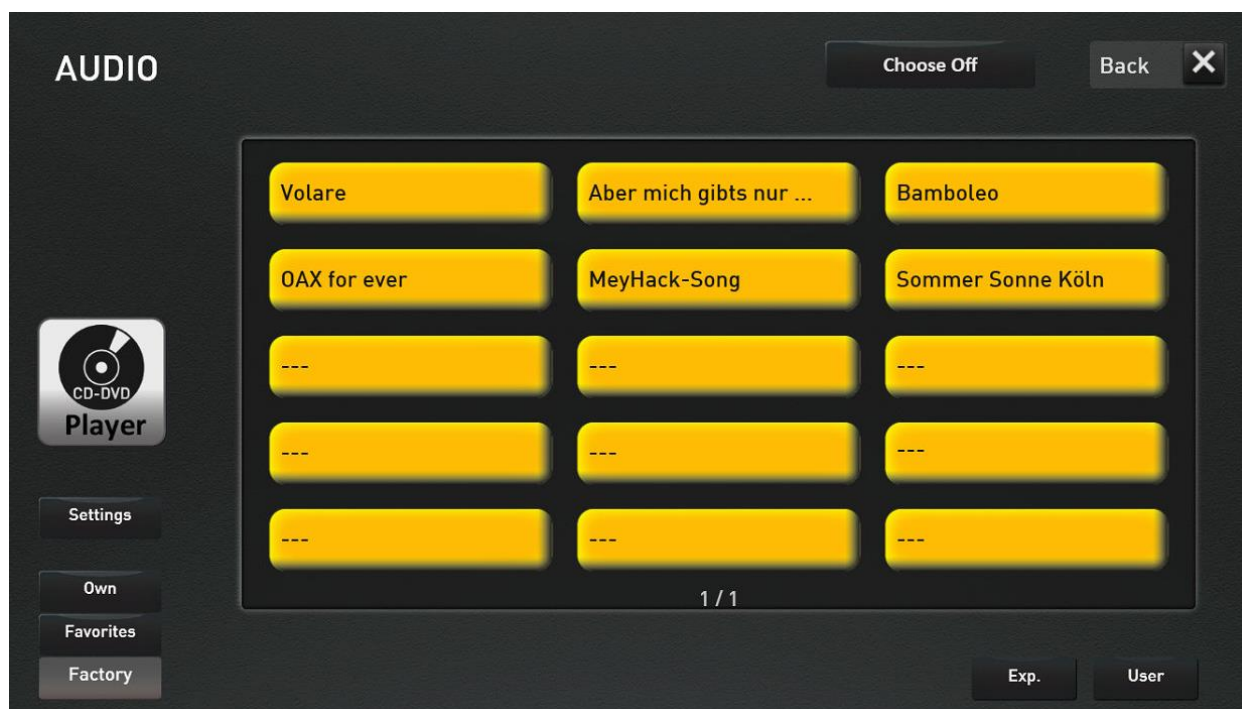


## 4 Other minor changes/adjustments

### 4.1 CD-Player

The selection of the CD player (not OAX1) has changed. With the introduction of the Easy Split, the start of the CD player was moved to the AUDIO side.

If you want to play an audio CD, press the AUDIO control panel button and select CD player. The display jumps back to professional mode and the CD player is active.



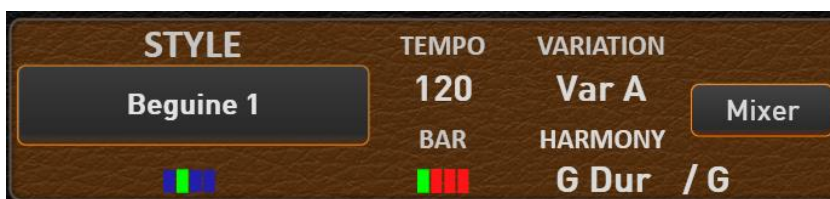
### 4.2 Effect Sounds

At the request of a customer, there are five new sound effects from the aircraft sector. A new effect sounds preset F014 "Airplains" was also created for this purpose.

Airplane Piston Engine Ground
Airplane Piston Engine Flyby 1
Airplane Piston Engine Flyby 2
Airplane Piston Engine Flyby 3
Airplane Piston Engines Flyby

### 4.3 Harmony Display - Bass Note

When playing with the foot pedal, the note played is shown in the display.





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