

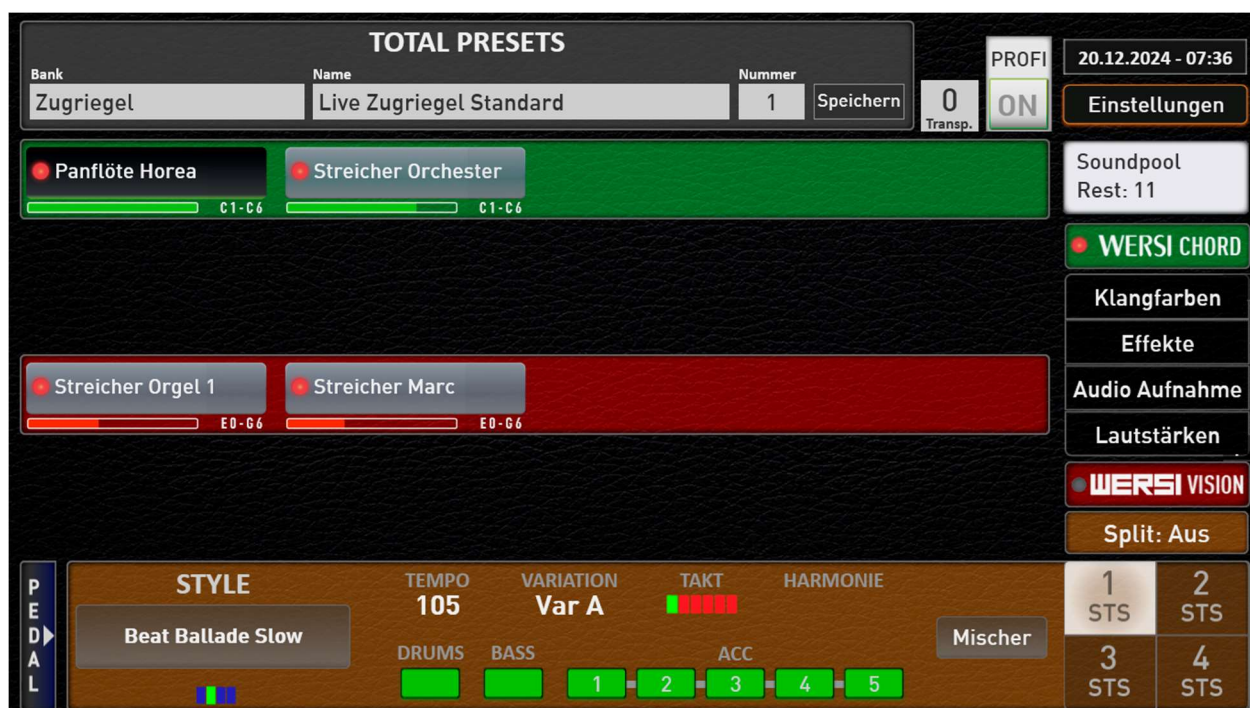


WERSI

Brand Owner and Development
MUSIC STORE
professional

SONIC

OAX1 - OAX500 - OAX600 - OAX700
OAX800 – OAX900 - PERGAMON OAX1000



OAX

OpenArt-Xtended

Operating Manual
New features of version 3.0

Imprint

Update V3.0 Operating Manual for

Keyboard	OAX1
Orgel	OAX500LS
	OAX600, OAX600LS
	OAX700, OAX700LS
	OAX800LS
	OAX900
	PERGAMON OAX1000

Software version on release:

V3.0

Date: 23. June 2025

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1 Installation and Activations

With OAX version 3.0, you can start using new sound colours and styles and new features such as the WERSI Chord Band or WERSI Vision **without having to install new hardware**.

After installing version 3.0, three expansion packages are available. Further information is available on the WERSI website or from your WERSI partner.

Important note for users of VST plug-ins: After the V3.0 software has been installed, the audio connections between the modules must be renewed and the VST preset must be saved again.

1.1 Update the OAX operating software

To update your OAX instrument to the latest software version, WERSI provides an installation programme.

The installation consists of six files. The total **size of these files** has reached approx. 9 GigaByte.

Before the installation programme starts working, it checks which files are required. If these files are not on your USB stick, you will be informed which files are missing. You must then download these files and copy them to the USB stick or USB hard drive.

If files are missing, the installation process is terminated and the OAX software is restarted **without making any changes**.

You can use the following links to download the files to your private computer. Then copy the files to a USB data carrier.

[WersiInstall.exe](#)

[OAX Software](#)

[OAX Sounds A](#)

[OAX Sounds B](#)

[OAX Sounds C](#)

[OAX Styles](#)

ATTENTION: If you have already carried out OAX updates a long time ago, these five files may still be in the download folder of your private computer.

If so, Windows will add a number to the names of the new files.

For example, **WersiInstall.exe** then becomes **WersiInstall(2).exe** and then **WersiInstall(3).exe** for the next download.

Of course, these files cannot be processed by the OAX instrument.

You should therefore delete any older installation files before downloading.

```
WersiInstall.exe
software.7zip
wersiplugins_a.7zip
wersiplugins_b.7zip
wersiplugins_c.7zip
wersistyles.7zip
```

A basic distinction is made between two types of installation:

New installation: The OAX operating software is completely reinstalled. This involves deleting all customised storage such as total presets or styles. Any existing activations are retained.

Update: The installation checks all areas of your instrument and only replaces obsolete files.

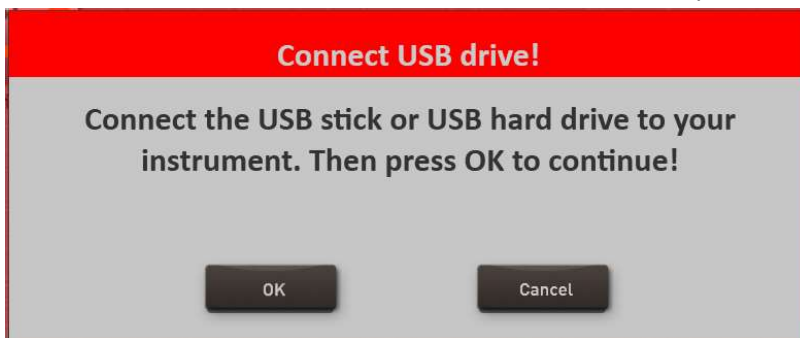
No personal data is lost during an update. This is the preferred type of installation. It therefore makes no sense to perform a new installation and then restore one of your backups.

1. You have downloaded the files to your computer. Now copy them to the root directory (ROOT) on a USB data carrier.
2. Start the instrument and wait until the instrument is ready for operation.
3. Press the **SETTINGS** display button and you will see information on the status of the currently installed software at the bottom of the display.



the picture is exemplary

4. Now press the **Update software** button. A new information appears, that you need to connect the USB-Stick that contains the installation software to a USB port.

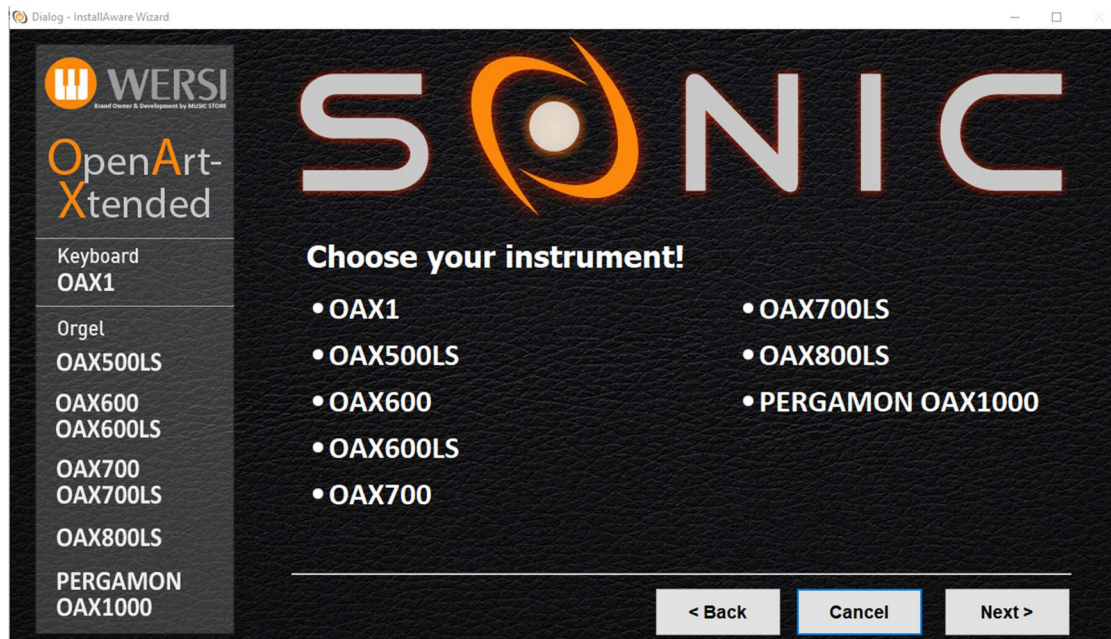


5. Wait a few seconds that the system recognizes the USB flash drive and click **OK** to confirm. The music software is stopped and then the installer starts automatically.
6. Select the language und press **WEITER/NEXT>**

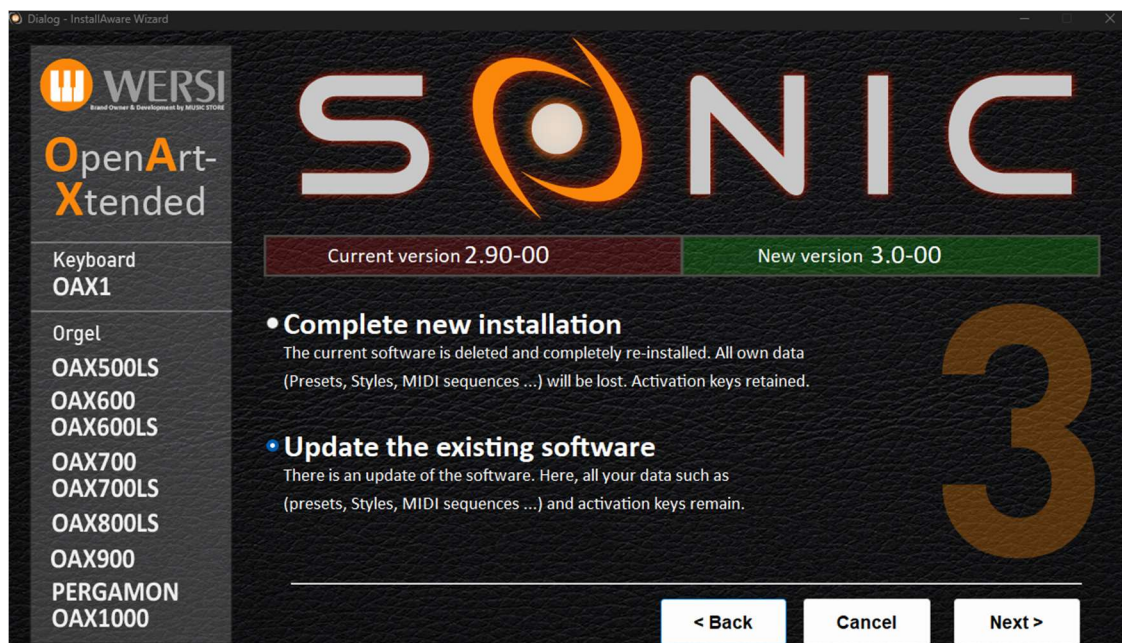


7. The following display may not be displayed if your organ is already associated with the correct model. If the display appears, select the existing instrument type. Otherwise it continues automatically with point 8.

You can choose from the keyboard OAX1, the OAX500LS, the OAX600 and 700 (in the version with and without speakers, the OAX800LS and the three-manual OAX1000).

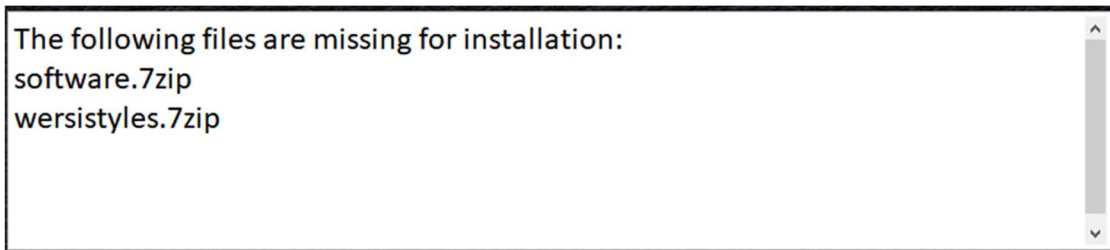


8. Neben der neuen Versionsnummer wird auch unter „Aktuelle Version“ die Versionsnummer der momentan installierten Software angezeigt.



9. Now choose between the following options:
 - a. **Complete new installation -> ATTENTION!** Your own data will be completely deleted!
 - b. **Update the existing software ->** your own data is retained. This is the preferred type of installation.
10. In our example, we select **Update the existing software**.
11. Confirm with **Next**.

The installation program now checks whether the required files are on the USB stick. If any files are missing, the following message will appear and you will need to download the files displayed from the WERSI website



Example illustration

In this case, press the following display button and the OAX software will start again without anything being installed.



If all files are available, it automatically continues with point 13.

12. An information text appears in the display, informing you once again about your selection and its effects.

You want to perform an update of the current software version 2.90-00 on the new version 3.0-00. Your self-created data such as Presets or Styles, activation keys retained during this process.

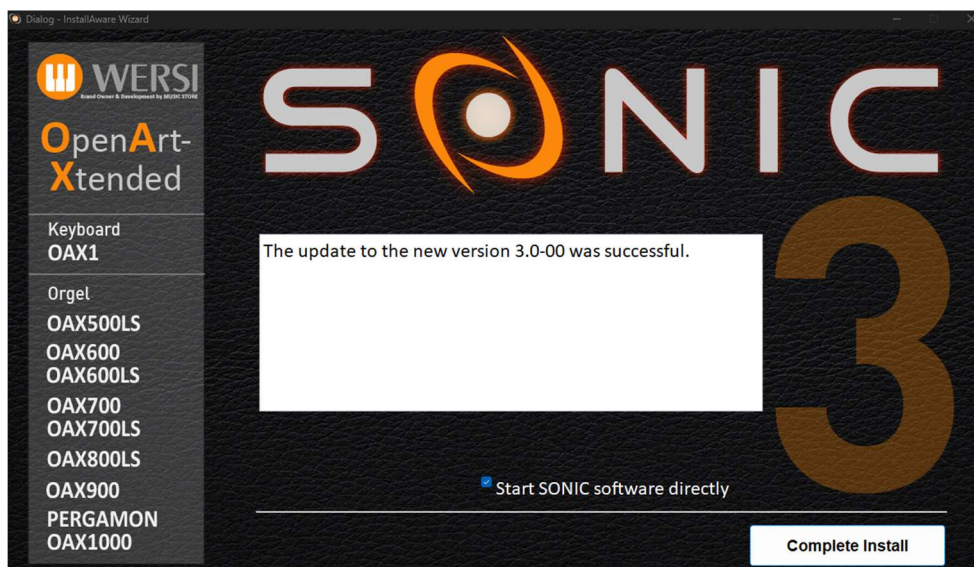
The terms "current software" and "new version" will of course be different for each upcoming update in the future.

13. The installation process is started with **Install**. With **Back** you go back to the selection page and with **Cancel** you can exit the installation program.

14. If you selected Install, the new data will now be copied to the hard disk. Depending on whether you have chosen an update or a new installation, this can take some minutes



After successful installation this message appears at the end:



The term "new version" changes of course with every update.

15. Press **COMPLETE INSTALL** starts the software immediately.

1.2 Activation Keys

Version 3.0 offers three new extension packages:

OAX Version 3.0 incl. WERSI Vision	KEY0006117-000
WERSI Chord Band	KEY0006117-001
LOWREY Organ Modul	KEY0006117-002

Note: The extension package OAX Version 3.0 incl. WERSI Vision is a prerequisite for the two other packages **WERSI Chord Band** and **Lowrey Organ Module**.

1.2.1 How do I receive the activations?

You can obtain the activations from your WERSI dealer or directly from WERSI in Cologne -> info@wersi.net

To do this, you need the instrument ID of your instrument, which you must provide to the WERSI partner.

To see this ID on your instrument, press **SETTINGS** on the main display and then press **Activation Keys**.



The instrument ID can be read in the top right-hand display.



1.2.2 Unlocking the extension packages

You have received an 8-digit activation number from WERSI for the desired extension package. To activate one of the extension packages, proceed as follows.

1. Press **SETTINGS** on the main display and then press **Activation Keys**.
2. For the first extension package **OAX Version 3.0 incl. WERSI Vision**, select the activation group **Functions**.



Here you will also find the **WERSI Chord** expansion pack. The **Lowrey Organ** extension package can be found in the **Sounds/Styles** group.

3. Press the Unlock field for the desired extension.

OAX V3 & Wersi Vision	OAX Software 3.0 inkluding Wersi Vision	Not activated	Unlock	Taste
Wersi-Chord	Extended Wersi Chord with Band-Mode	Not activated	Unlock	Taste

The keypad for entering the 8-digit activation number appears.

Enter activation for OAX V3 & Wersi Vision:

63690416

1234567890-←

qwertyuiop[Enter

asdfghjkl;'

↑zxcvbnm,/Ins↑

NewCancel<>Del

4. Enter the corresponding activation code and confirm with Enter.

OAX V3 & Wersi Vision	OAX Software 3.0 inkluding Wersi Vision	Activated: 63690416		
Wersi-Chord	Extended Wersi Chord with Band-Mode	Not activated	Unlock	Taste

The Unlock and Taste display buttons are hidden and the extension package is activated.

You can also activate the other extension packages using this procedure.

IMPORTANT: After you have activated one or more expansion packs, switch the instrument off and on again so that all new data can be loaded.

2 Software Update OAX V3.0 + WERSI Vision

2.1 Software Update OAX V3.0

2.1.1 Variable function bar

In the PROFI display on the right-hand side, you will see the variable function bar.

As the name suggests, you can arrange variable functions there. Depending on which functions are most important to you.

A total of 16 functions are available. There are therefore four blocks, each with four functions.

In our example, we see the four functions **Sounds**, **Effects**, **Audio Record** and **Volumes**.



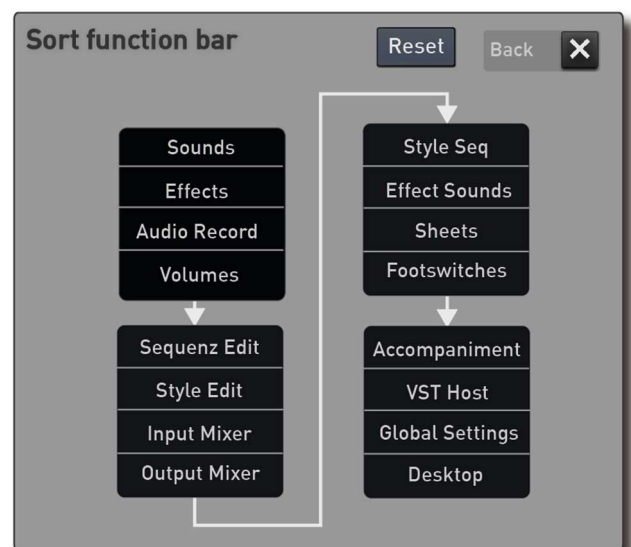
To switch from one block to another, simply swipe the block of four upwards or downwards.

You can determine the order of the 16 functions yourself. Depending on which functions are important to you.

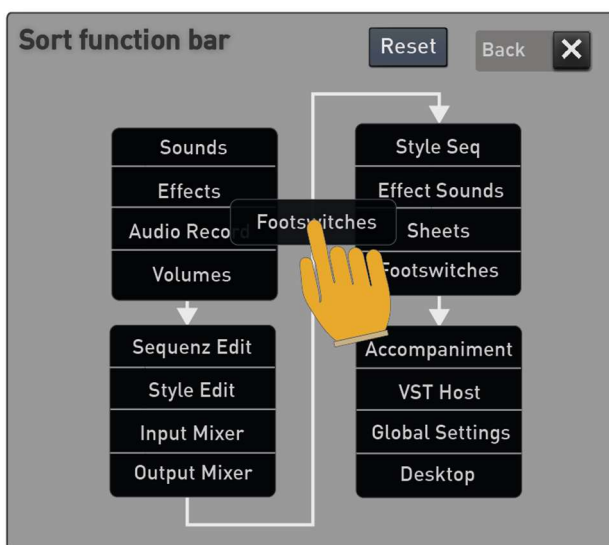


Go to page 2/3 under Settings and select the Sort function bar.

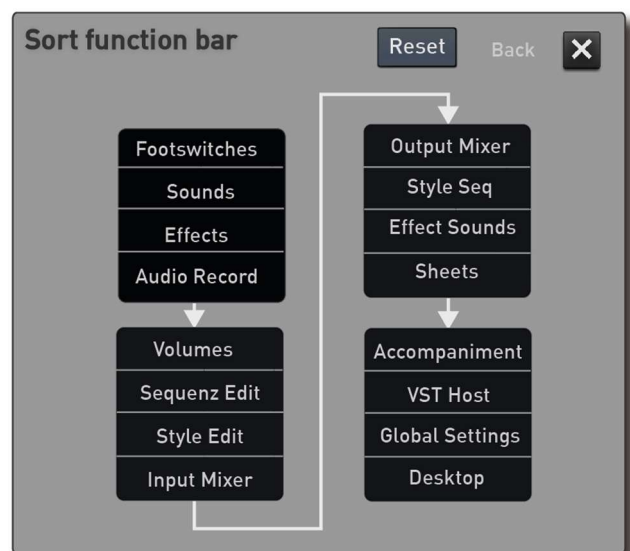
The current assignment is displayed.



You can move the functions with your finger. The changes are saved directly. In the example, the foot switch assignment is moved to the first position in the first block.



You can restore the default assignment with Reset.



2.1.2 New sounds and styles

Grand Piano - The Grand Piano has seven dynamic levels and uses 680 individual samples, plus a resonance board with 88 samples. This has resulted in the Grand Piano Standard, Grand Piano Warm and Bar Piano sound.

Piano - The piano also has seven dynamic levels and uses 680 individual samples, plus a resonance board with 88 samples. This has resulted in the Piano Standard and Honky Tonk sound.

Strings - There are five new sounds in the orchestra section. String orchestra and string orchestra spiccato, chamber orchestra and chamber orchestra spiccato, as well as solo strings in which violin, viola, cellos and bass fade seamlessly into each other.

Acoustic Piano

Grand Piano Standard	Mapping 1 from 7
Grand Piano Smooth	
Bar Grand	
Piani Standard	Mapping 2 from 7
Honky Tonk Standard	

Orchestra

Full Strings	Mapping 1 from 5
Full Strings Spiccato	
Solo Strings	
Chamber Orchestra	
Chamber Orchestra Spiccato	

20 new Styles

Pop

Pop Beat	Mapping 3 from 3
Chilled Beat	
Dream Beat	
Easy Beat	

Ballroom

Swinging Foxtrott	Mapping 4 from 6
Organ Foxtrott	Mapping 5 from 6
Englischer Walzer	Mapping 6 from 6

Latin

Slow Latin	Mapping 1 from 3
------------	------------------

Ballad

Shuffle Ballad	Mapping 3 from 3
----------------	------------------

Entertainer

Fischer Dübel	Mapping 5 from 5
Schlager 1	
Schlager 2	
Schlager Shuffle	
Schlager Slowrock	
Schlager Polka	
Party	Mapping 2 from 5
Latin Party	

Swing & Big Band

Slow Swinging	Mapping 3 from 3
Sunny Swing	

Welt

Aloha Hawaii	Mapping 2 from 2
--------------	------------------

The styles have one intro and one ending.

2.1.3 16 new sound effects

No.	Name
307	Typewriter
308	Typewriter Bell
309	Typewriter Back
310	Animal Howl
311	Animal Laugh
312	Jungle
313	Rain
314	Thunder 3
315	Thunder 4
316	Thunder 5
317	Water Rowing
318	Seagals
319	Waves
320	Sonar 1
321	Sonar 2
322	Sonar 3

2.2 WERSI Vision

2.2.1 What can the WERSI Vision do?

Are you looking for a guitarist or piano player to accompany you live? Then the new WERSI Vision is just right for you.

You may recognise the name 'WERSI Vision'. In analogue organs such as the HELIOS or GALAXIS, this name was used for what is now a very simple arpeggiator.

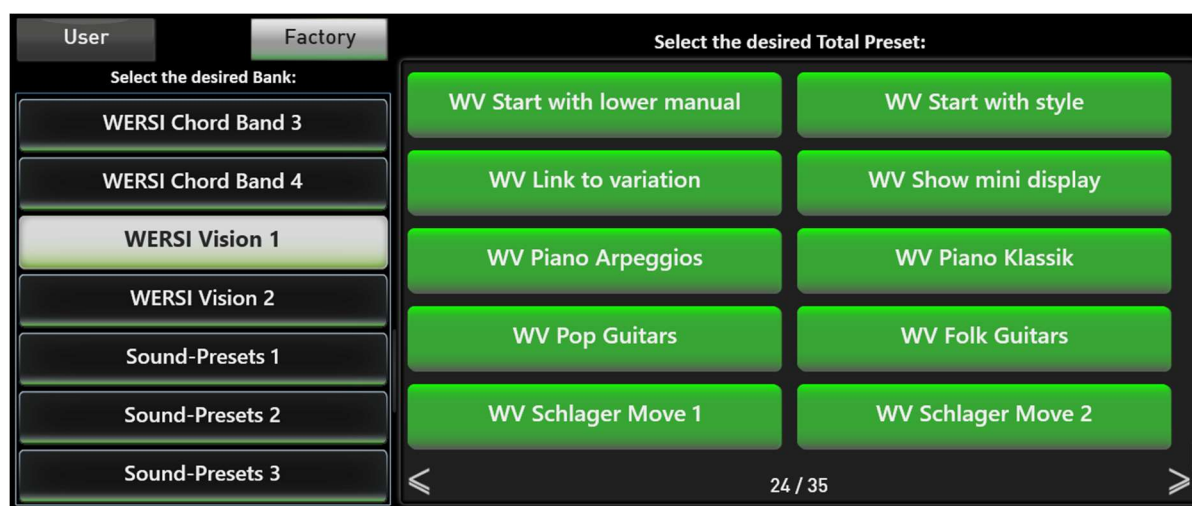
At that time still very rudimentary, the WERSI Vision provided an arpeggio that could also be used without a running rhythm.

You can still conjure up an arpeggio from the new WERSI Vision. Today, however, we are 50 years ahead in terms of development, and the musicality and functionality has expanded in many ways.

If required, you can also control the function of WERSI Vision during live playing via the mini display.

Important note

Some examples of how you can use WERSI Vision are stored in the factory area of the Total Presets.



2.2.2 Operation

The WERSI VISION display button is located on the professional display.



The display button has three functions:

1. By pressing the LED, you switch the effect on or off.
2. Double-clicking on the centre of the display button opens the WERSI Vision interface.
3. To change the volume, press the right-hand area of the display button. A volume control opens, which disappears again after a few seconds.

After you have opened WERSI Vision, the following display appears.

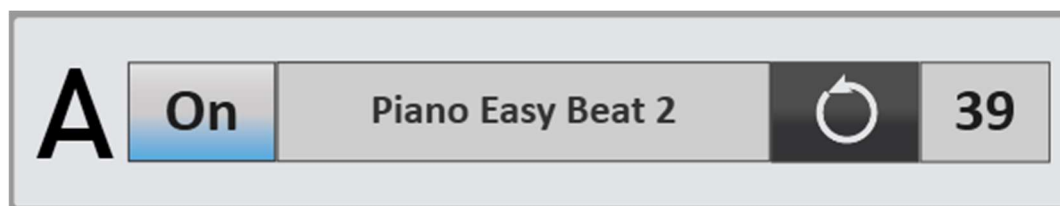
Pattern Name	Nr.	Tempo
Synthe Schlager 2	0206	130
Synthe Schlager 3	0207	130
Synthe 6-8 Schlager 1	0208	130
Synthe 6-8 Schlager 2	0209	130
Synthe 6-8 Schlager 3	0210	130
Synthe 6-8 Schlager 4	0211	130
Synthe Arp	0212	130
Synthe Pad 1	0213	130
Synthe Pad 2	0214	130

The **WERSI Vision On/Off** display button is identical to the function on the main display

The **Start/Stop** display button starts the switched-on patterns.

2.2.2.1 The four patterns A, B, C and D

Up to four patterns can play simultaneously. These are labelled with the letters A, B, C and D.



You can switch the playback of the respective pattern on or off via **On/Off**.

If the name of the pattern is highlighted in blue, you can select a new pattern on the right-hand side. See chapter 15.3.2 'Assigning a new pattern to A, B, C and D'.

If the pattern is on the circle symbol, it is played permanently. If you only want to hear the pattern once after starting WERSI Vision, set the playback to the arrow symbol.

The volume of the pattern is set on the right-hand side.

2.2.2.2 Assign new pattern to A, B, C and D

First select the pattern that is to be reassigned.

When you select it, the pattern is highlighted in blue and the list on the right-hand side shows you the following information:

- Does the pattern come from the factory area or is it an edited pattern from the OWN area.
- Which instrument range the pattern comes from.
- In the list itself, you can see the pattern name, the memory location number and the original tempo of the pattern.

Factory	Pattern Name	Nr. ^	Tempo
User	Ac-Beat 2	0062	130
	Ac-Beat 3	0063	130
Piano	Ac-Beat 4	0064	130
Acoustic Guitar	Ac-Beat 5	0065	130
Electric Guitar	Ac-Beat 6	0066	130
Strings-Harp	Ac-Beat 7	0067	130
Synthe	Ac-Up Beat 1	0068	130
	Ac-Up Beat 2	0069	130
Other	Ac-Up Beat 3	0070	130
Edit Pattern	Rename	Mark	Delete

Note on the specified tempo: If you want to play a title with a tempo of 150, a pattern with the original tempo of 75 will not fit. You should not change the pattern by more than +/- 20 units.

You can sort the list according to your wishes by touching the **Pattern name**, **Number** or **Tempo** headings.

You can see which patterns are available in the factory area in the data list.

2.2.2.3 Special functions

If the **Start with style** function is switched on, the activated patterns start as soon as you start a style using the Start/Stop control panel button. Intros and endings contain harmony sequences. For this reason, the patterns are not played when intros or endings are running.

If the **Start with UM** function is switched on, WERSI Vision starts as soon as you play a chord on the sub-manual. A style does not have to be playing. As soon as you start a style while WERSI Vision is running, WERSI Vision is synchronised with the style.

With **Link to variation**, the patterns A, B, C and D change with the variations of the same name in the style. If a style is running in variation A, pattern A runs from WERSI Vision. Patterns B, C and D are switched off. If you then switch to variation C, pattern C also plays from WERSI Vision and patterns A, B and D are switched off.

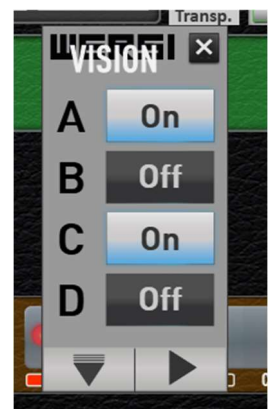
You can use the **Expression Pedal On/Off** function to determine whether the volume of the four WERSI Vision patterns is controlled by the sill.

2.2.2.4 Show Mini Display

As soon as **Show Mini Display is activated**, a small WERSI Vision display appears in the main display. There you can switch patterns on or off while playing live.

There is also a **Start/Stop** button and **Start with sub-manual**.

You can place the Mini Display anywhere on the main screen.



2.2.3 Edit and save Pattern

If you want to change the sound of a pattern, press **Edit pattern**.



You can use the **Start/Stop** button to start the pattern so that you can hear the changes directly.

Use the **Save** display button to save the changed pattern in the Custom area.

In the **Sound** area, you can see the sound used. If you want to change the sound of the pattern, press the currently set sound name and the sound list will open. Select the desired sound there.

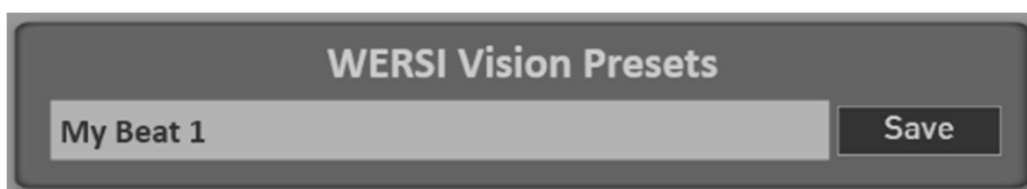
Use Octave to change the octave position with a range of +/- two octaves.

Note: The sound and/or octave cannot be changed for all patterns. This is always the case if the pattern requires a very special sound that only exists once in the sound list.

You can also change the **Manual** and **sound controllers**. You are already familiar with both areas from the sound editing in the selectors.

2.2.4 WERSI Vision Presets

You can call up factory presets or your own WERSI Vision presets here. Do not confuse the WERSI Vision presets with the Total presets.



2.2.4.1 Wersi Vision Presets in the factory area

These presets give you a small impression of what you can do with the WERSI Vision.

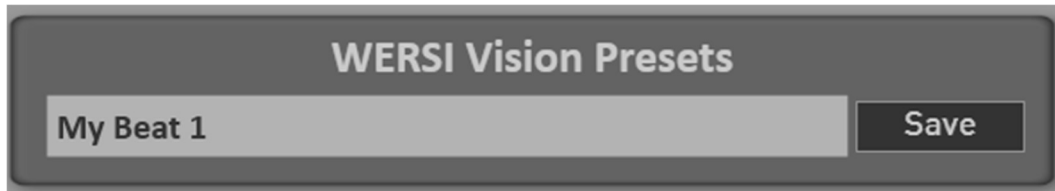
Nr.	Name
1	Empty Start Preset
2	Start with lower manual
3	Start with style
4	Link to variation
5	Show Mini Display
11	Pop Guitars 1
12	Pop Guitars 2
16	Folk Guitars 1
21	Schlager Move 1
22	Schlager Move 2
31	Boogie Woogie 1
32	Boogie Woogie 2
41	Samba 1
42	Samba 2
43	Slow Latin 1
44	Slow Latin 2
61	Piano Arpeggios
62	Piano Classical
70	Swing 1
71	Swing 2
81	Synthe 1
82	Synthe 2

2.2.4.2 Save WERSI Vision Preset

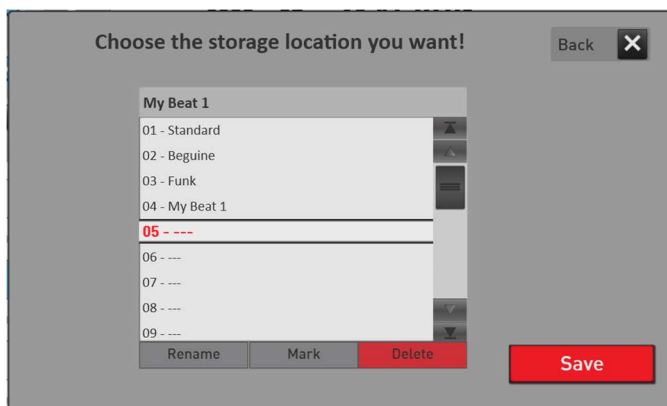
Of course, you can also save your own WERSI Vision presets. Select an existing WERSI Vision preset in the factory area and change the assignment of the four patterns A, B, C and D, for example.

You are already familiar with this process from other areas in the OAX system.

1. Press the **Save** button.



2. Select the desired memory location in the list.

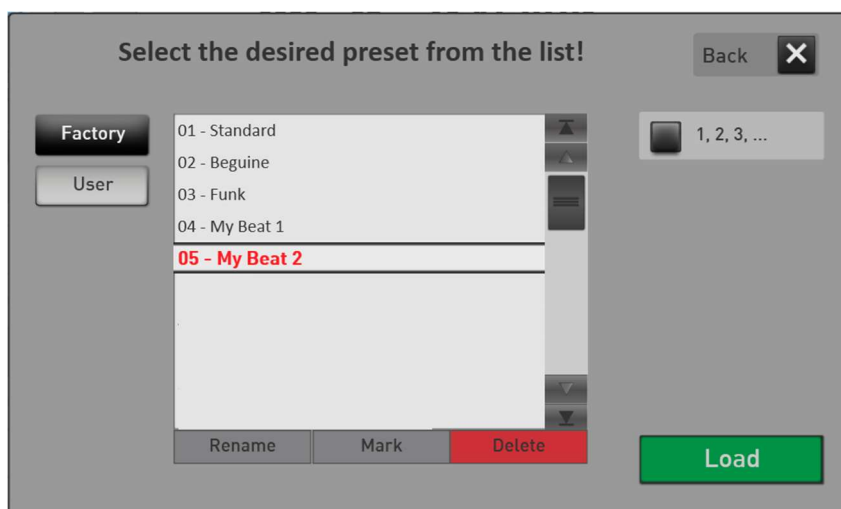


The preset you have changed takes on the name of the preset you started with. In this example, the name is 'My Beat 1'.

3. If you want to give the preset a new name, press the preset name area and the display keyboard will open, allowing you to change the name. In this example, the name is 'My Beat 2'.



4. Press the Save display button to save the WERSI Vision preset and it is now in the list under User.



3 WERSI Chord

3.1 What can the WERSI Chord

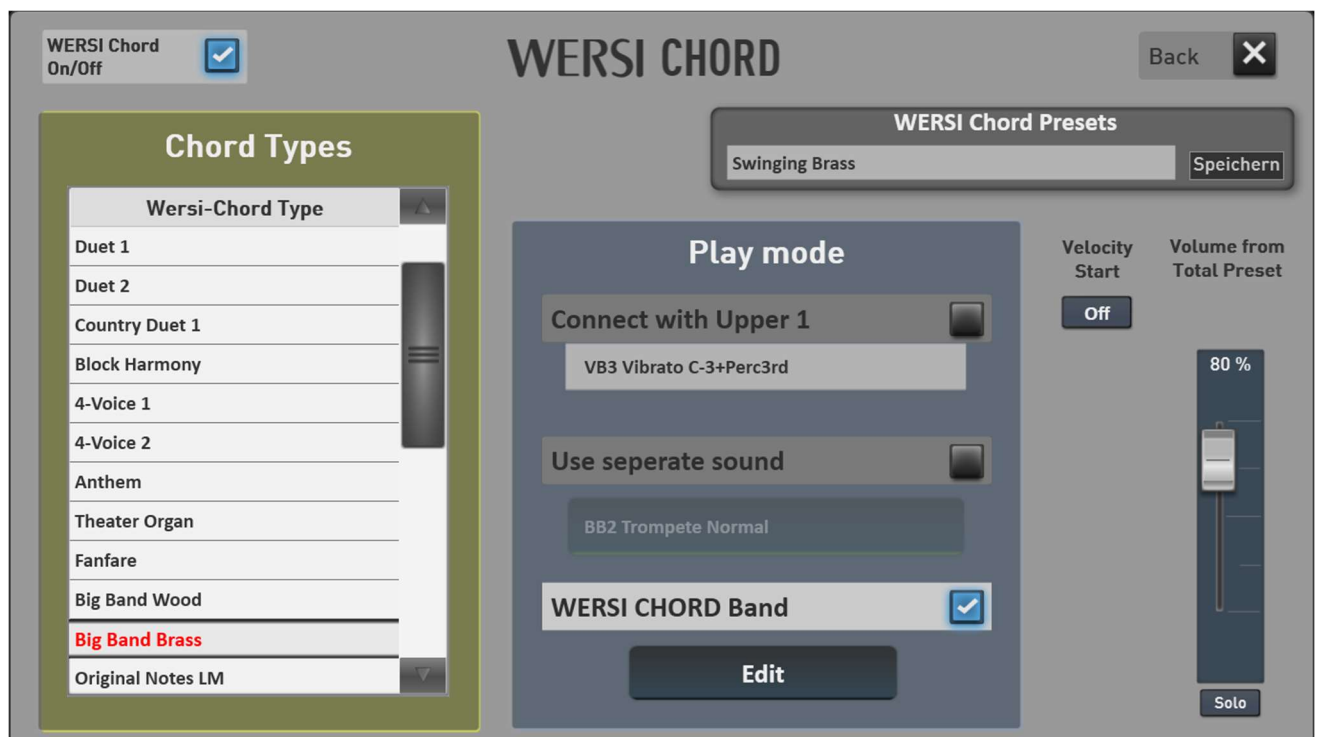
The **WERSI Chord Band** is an add-on package that is subject to a charge. If you have any questions about activation, please contact WERSI or your WERSI dealer.

The WERSI Chord function is a musically very appealing way of making a melody played in one voice sound polyphonic by adding harmonies.

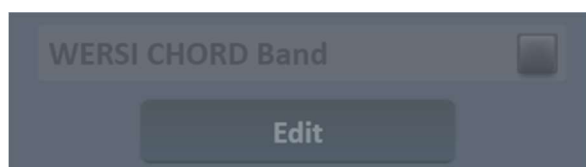
WERSI Chord first requires a melody that you play on the upper manual. Then the information about the harmony played on the lower manual is required. This is also the case with a style. The software then calculates a polyphonic chord based on the set chord type, e.g. duet, big band and the many other types.

We have been familiar with this function in WERSI instruments for many years.

With the new WERSI Chord Band, you can transform your OAX instrument into a real big band or orchestra.



Note: If the WERSI Chord Band extension package is not activated, this function cannot be activated.



Important information: The WERSI Chord provides a band in the background when playing with one finger. The WERSI Chord is not intended to be played without the actual melody. One sound must therefore always be switched on in the upper manual.

3.2 Operation

You will find the WERSI Chord display button in the Profi display. The display button has three functions:



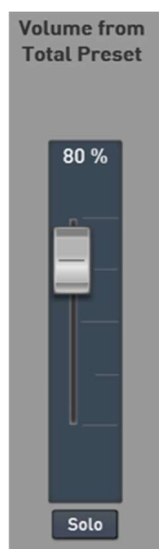
1. The WERSI Chord is switched on or off by pressing the LED.

You can also use the control panel button of the same name to switch it on or off.

2. Double-clicking on the centre of the display button opens the WERSI Chord interface. With the OAX800 to OAX1000 models, you can also open the interface using the WERSI Chord EDIT control panel button.
3. To change the volume of the WERSI Chord, tap the centre of the display button once. A volume control opens, which disappears again after a few seconds.

The OAX800 and OAX900 models have their own volume drawbar for the volume of the WERSI chord. On the OAX1, OAX500, OAX600 and OAX700 models, the volume of the WERSI chord is assigned to the CC drawbar.

WERSI Chord Controls

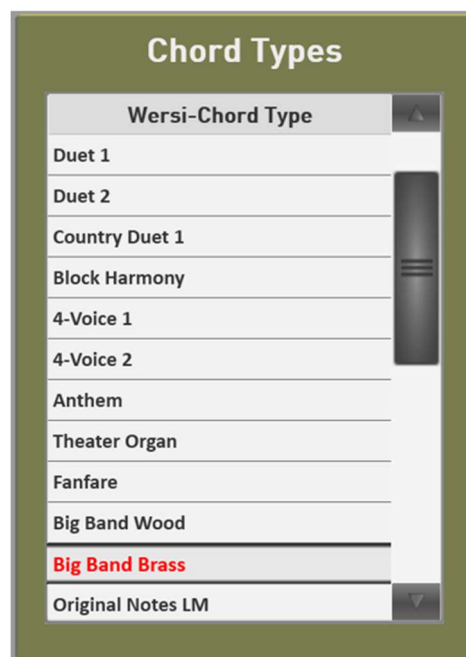


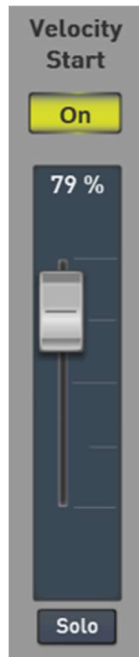
Use the **Volume from Total Preset** to set the volume of the generated chords. This is independent of the other tones that you have registered on the upper manual. This volume is saved in the Total Preset and not in the WERSI Chord Preset.

The **SOLO** button switches off all Sound of the upper manual. When Solo is activated, you will only hear the WERSI Chord. This allows you to better judge the sound of the WERSI Chord. The function is not saved in the WERSI Chord preset.

The **Chord types** list shows many ways in which a chord can be created. You will find a description of the types in the chapter 3.3 „ WERSI Chord Types“.

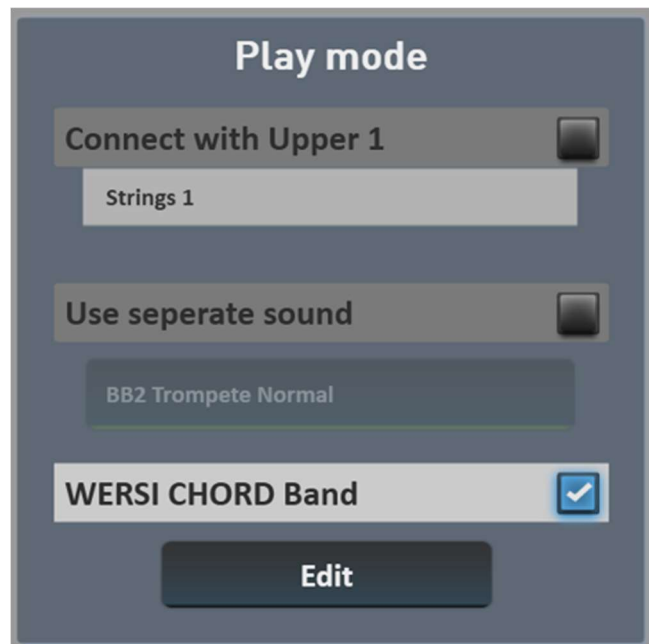
Note: The solo function can be used with “Connect with upper 1” and “Use separate sound”.





You can use **Velocity Start** to set the dynamic value from which the chords should be played. This allows you to play a solo melody and fade in the chords with a stronger touch.

You can choose between three types in the **Play mode** area. Information on the first two types can be found in chapter 3.4 „Normal WERSI Chord“.



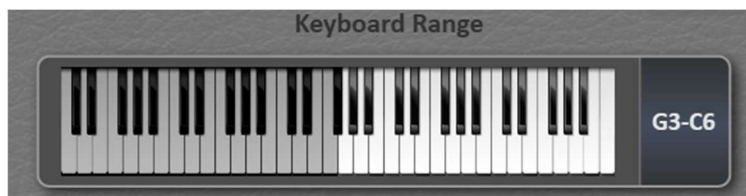
Information on the WERSI Cord Band can be found in chapter 3.5 “WERSI Chord Band”.

Setting the keyboard range for the WERSI Chord

The WERSI Chord normally plays on the entire upper manual. However, if you set a playing range for upper manual selector 1, the WERSI chord will only sound in this keyboard range.

This is interesting if you have distributed several sounds to different playing ranges on the upper manual.

In the following example, the WERSI Chord plays in the playing range G3 to C6. You can assign other sounds to the ranges below G3.



3.3 WERSI Chord Types

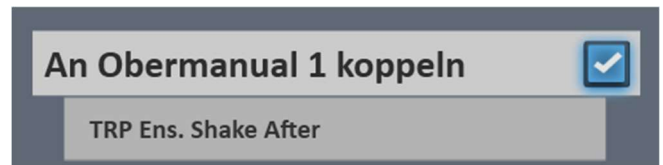
Nr.	Name	Description	Complete chord	Advanced voices
1	Standard Trio	Standard Trio Chords	3	2
2	Big Band	Polyphonic addition - very 'jazz-heavy' with lots of sixth chords	4	1
3	Duet 1	2 voices with thirds or sixths below	2	3
4	Duet 2	2 voices with sixths and fifths underneath	2	3
5	Country Duet 2	2 voices with thirds, fourths and fifths above	2	3
6	Block harmonie	Up to 4-part supplement. The lowest note is always the sub-octave of the melody note.	5	-
7	4-Voices close 1	Similar effect to BLOCK, but always in four voices in the narrow position	4	1
8	4-Voices close 2	Also 4 voices in the narrow location. However, this type also adds "jazzy sixth".	4	1
9	Hymne	Typical hymn set	4	2
10	Theatre	Chord set for typical theater organ music	3	1
11	Fanfare	Typical fanfare set	3	2
12	BB-Wood	Big band set for woodwinds	5	-
13	BB-Brass	Big band set for brass	4	1
14	Original	The notes / chords played on the lower manual are reproduced as they are gripped and without changes by the harmony detection.	Depending on the sub-manual, maximum 5	
15	Solo	Only the highest note of the chord played in the upper manual is reproduced as a sound as a solo voice. Not with WERSI Chord Band	2	3
16	Country Duet 2	Second version in 2 voices with overlying thirds, fourths and fifths	2	3
17	Country Trio	Creates two additional voices in country style	3	2
18	Rock Duet	Creates another voice in rock style	2	3
19	Full Chord	Three-part chord with normal playing style.	4	1
20	4-Voices close 3	Third version 4-part in the close register.	4	1
21	4-Voices close 4	Fourth version 4-part in the close register.	4	1
22	4-Voices wide 1	First version for 4 voices in a wide register. Notes are not played close together.	4	1
23	4-Voices wide 2	Second version for 4 voices in a wide register. Notes are not played close together.	4	1
24	Octave	Plays the note one octave lower	2	3
25	"1-5"	Plays the note a fourth lower	2	3

3.4 Normal WERSI Chord

With the normal WERSI Chord, you can choose between two modes.

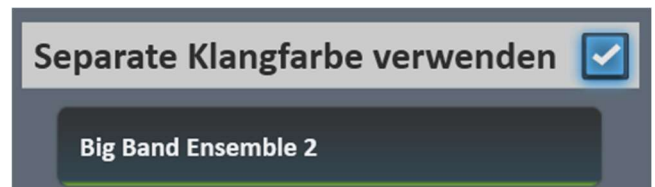
Connect to Upper 1

The WERSI Chord uses the sound first upper manual selector. You can see which sound is set there in the lower display field. In our example, it is TRP Ens. Shake After. This sound can only be changed on upper manual 1.



Use a separate sound

Independently of the upper manual selector 1, you can set your own sound for the chords. In our example, the 'Big Band Ensemble 2' sound is selected.



To change the sound, click on the name of the sounds and the normal sound list will open.

Double-click on the name of the sound to open an edit interface where you can adjust the sound to your liking.



You can see which values these are in the chapter 3.5.4 „Adjusting the sounds of the band“.

3.5 WERSI Chord Band

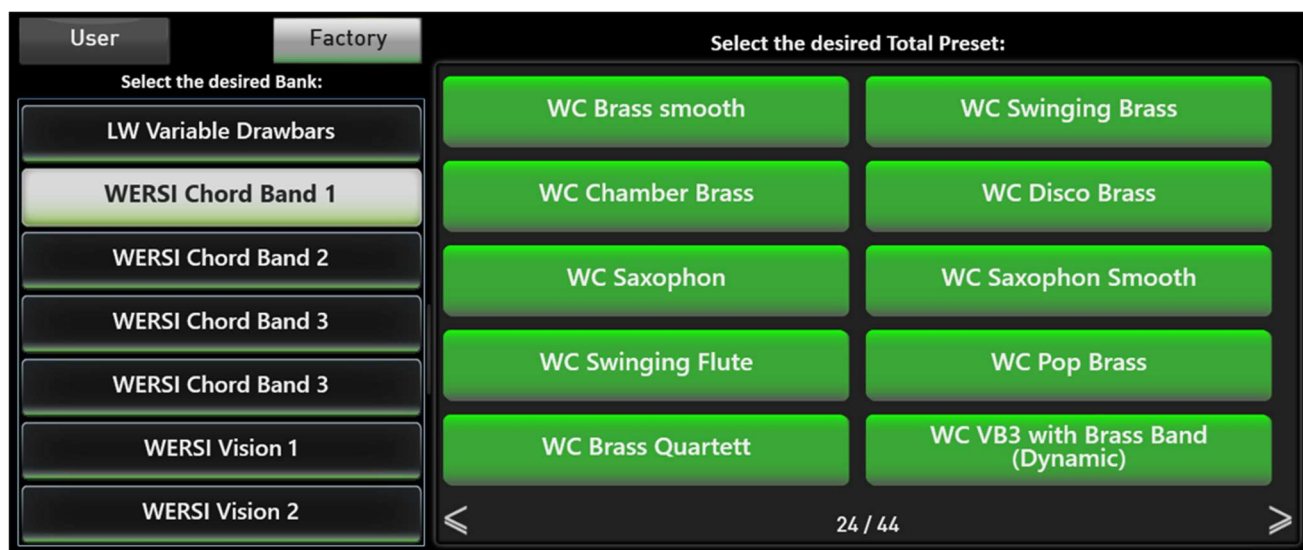
The WERSI Chord Band feature is an extension package that is subject to a charge. The extension package requires OAX version 3.0 to be activated.

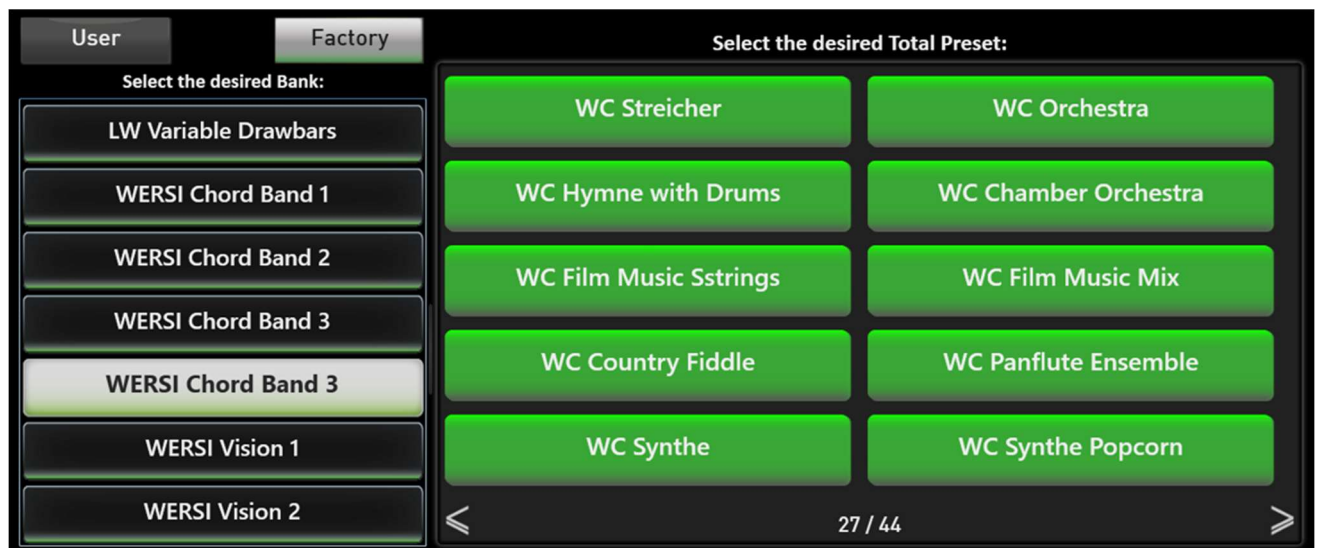
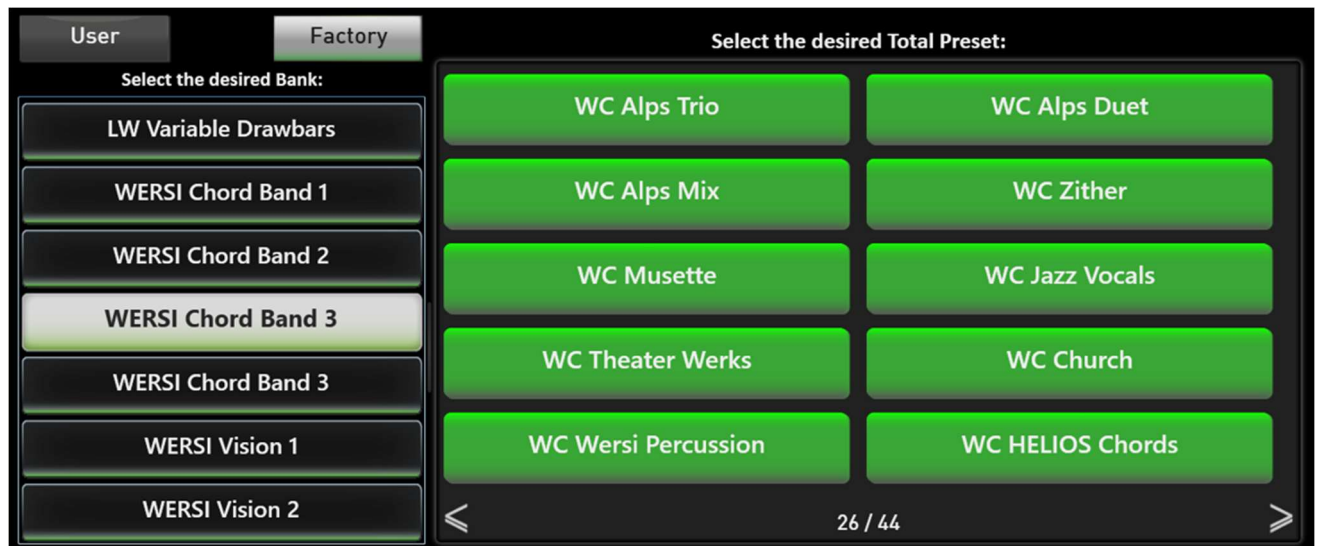
You can transform your instrument into the WERSI Chord Band with just one finger.

3.5.1 Total Presets inclusive WERSI Chord Band

Our musicians have already put together many bands for you. You can select these via the Total Presets.

If you have activated the WERSI Chord Band expansion package, you will find 40 total presets in the factory area with which you can experience the fantastic possibilities of the WERSI Chord Band.





3.5.2 How does the band work?

The new WERSI Chord Band function is a fantastic way of transforming a melody played with one finger into a big band or orchestra.

With the previous WERSI Chord, the generated notes were played with only one sound. This playing style does not correspond to that of a big band or an orchestra. WERSI Chord Band distributes the individual sounds trumpet, trombone and saxophone to the individual voices of a chord.

In a chamber orchestra, the individual instruments violins, violas, cellos and bass play different parts.

The WERSI Chord Band can also be used for other instruments. For example, on a guitar, where only the third voice is played with a synthesised sound.

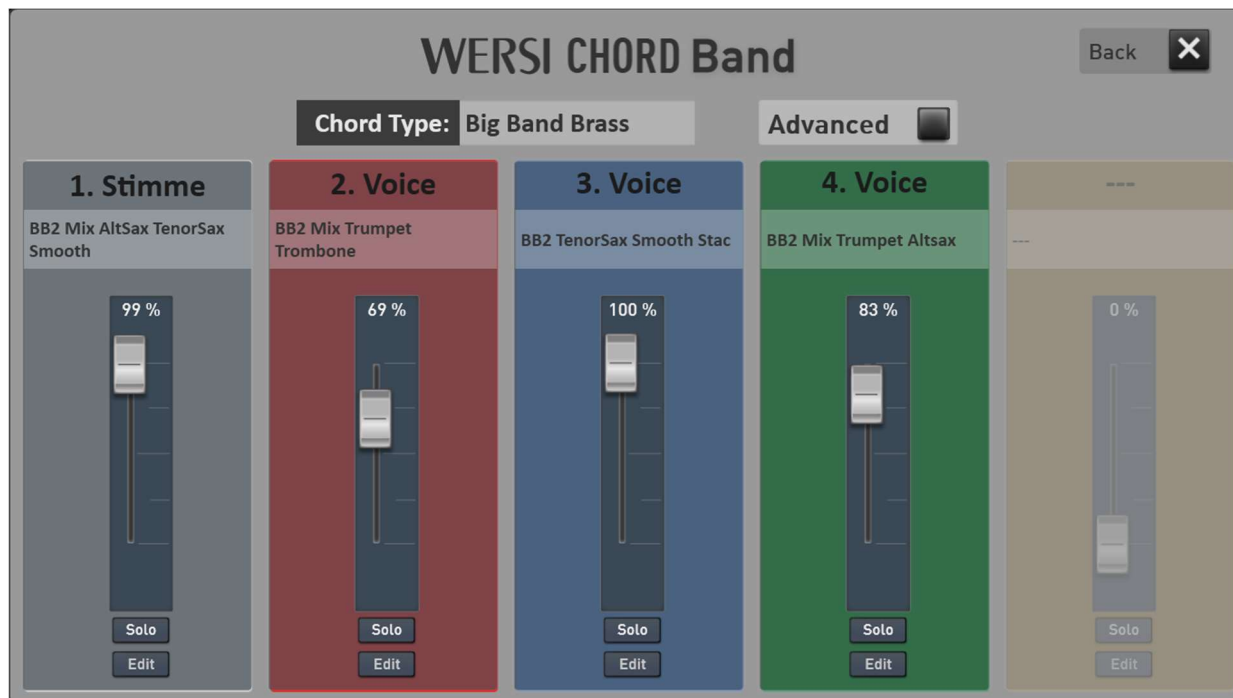
The volume, Standard and Sound Controls of each individual voice can be adjusted by controllers.

What does the 1st voice do?

The 1st voice is not generated by the WERSI Chord. It is the note that you play on the manual. However, this 1st voice is routed via the range function and therefore does not play in the entire note range of the keyboard.

3.5.3 Putting together sounds for the band

Press the **Edit** display button in the WERSI Chord Band area.



Loading new sounds onto one of the voices

As soon as you press the name of the sound within a voice, the familiar sound list opens.

Solo

The **Solo** display button mutes all other voices. You will therefore only hear a single note generated by the WERSI Chord.

Important note: This note does not correspond to the pitch played on the manual. You will hear one of the voices generated by the WERSI Chord. This solo mode is not suitable for playing.

Edit

Press the **Edit** display button to open a new control panel with which you can adjust the sound on the corresponding voice.

Advanced

The WERSI Chord plays up to four voices, not all of which are always used, depending on the chord type. The first voice/melody is always available.

If a WERSI Chord Type does not use all of these five voices, the voices that are not required are covered. If the Advanced function is switched on, these normally unused voices are assigned to other voices.

There is Duet with one note, Trio with two notes, Four way with three notes and Block with four notes. In Advance mode, the free notes are linked to other notes.

In duet mode, you can use three additional sound for the 2nd voice and in standard trio mode, you can assign sounds to the 2nd and 3rd voices again.

	Melody	Notes generated by the WERSI Chord			
	1. Voice	2.	3.	4.	5.
four notes are generated, e.g. Block					
three notes are generated, e.g. 4 way open					2. Voice
two notes are generated, e.g. Standard Trio				2. Voice	3. Voice
one note are generated, e.g. Duet		2. Voice	2. Voice	2. Voice	2. Voice

3.5.4 Adjusting the sounds of the band

Press the **Edit** button for the desired voice.

Important note: The changes made must be saved in a WERSI Chord preset. See chapter 3.6 „Saving WERSI Chord settings“.



You are already familiar with most of the setting options from the selector settings.

The setting options for the **playing range** are a special feature. An instrument playing the melody or a solo utilises the full range of the respective instrument type. The band in the background, however, plays in the middle range. It would be unnatural for the band to follow the solo in pitch and play higher or lower.

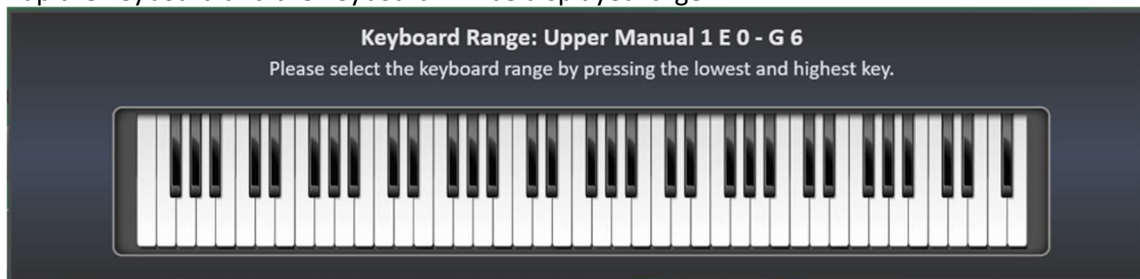
To ensure that the notes of the WERSI Chord only move within the natural playing range, it is possible to set the lowest and highest note.

General information on the playing range of musical instruments

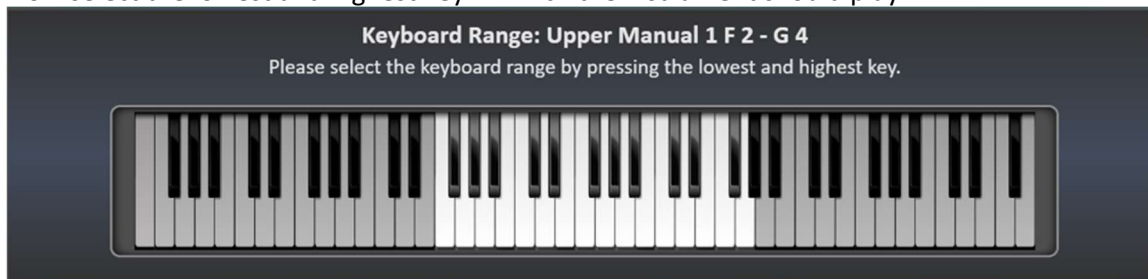
Every musical instrument has a natural playing range. For a piano, this is 88 notes. A trumpet has a completely different range. A professional can play about 26 notes. A beginner can play about 20 notes. On a keyboard with 61 keys (5 octaves), more than half of the notes are outside the playing range and therefore sound unnatural. Firstly because our hearing is not used to such high or low notes on a trumpet. In addition, there are no templates for these notes outside the natural playing range, which is why these notes have to be produced artificially.

Set playing range

1. Tap the keyboard and the keyboard will be displayed larger.



2. Now select the lowest and highest key in which the instrument should play.



3. After a short time, the display of the large keypad ends and the play area is set.

3.5.5 Special brass sounds for the Big Band

51 new brass sounds have been developed for the WERSI Chord Band. Of course, you can also use these sounds for playing on the manuals. You will find them on the BRASS control panel button in mapping 6 to 10.

Nr.	Klangname		
1	BB1 Full Mix	26	BB2 Full Mix Sharp
2	BB1 Full Mix Smooth	27	BB2 Mix AltSax TenorSax Clarinet
3	BB1 Full Mix Sharp	28	BB2 Mix AltSax TenorSax
4	BB1 Mix Trumpets 1+2	29	BB2 Mix AltSax TenorSax Smooth
5	BB1 Mix Trumpets 1+2 Smooth	30	BB2 Mix Trumpet Altsax
6	BB1 Mix Trumpet-Trombone	31	BB2 Mix Trumpet Altsax Smooth
7	BB1 Mix Trumpet-Trombone Smooth	32	BB2 Mix Trombone TenorSax
8	BB1 Mix Trumpet-Saxophon	33	BB2 Mix Trumpet Trombone
9	BB1 Mix Trumpet-Saxophon Smooth	34	BB2 Mix Trumpet Trombone Smooth
10	BB1 Mix Sax-Trombone	35	BB2 Trompeten Normal
11	BB1 Mix Sax-Trombone Smooth	36	BB2 Trompeten Smooth
12	BB1 Trumpet 1 normal	37	BB2 Trombone Normal
13	BB1 Trumpet 1 Smooth	38	BB2 Trombone Smooth
14	BB1 Trumpet 1 Sharp	39	BB2 AltSax Normal
15	BB1 Trumpet 2 normal	40	BB2 AltSax Normal Stac
16	BB1 Trumpet 2 Smooth	41	BB2 AltSax Smooth
17	BB1 Trumpet 2 Sharp	42	BB2 TenorSax Normal
18	BB1 Trombone	43	BB2 TenorSax Normal Stac
19	BB1 Trombone Smooth	44	BB2 TenorSax Smooth
20	BB1 Trombone Sharp	45	BB2 Clarinets Normal
21	BB1 Saxophon	46	BB2 Clarinets Smooth
22	BB1 Saxophon smooth	47	BB More Trumpet
23	BB1 Saxophon Sharp	48	BB More Trombones
24	BB2 Full Mix Normal	49	BB More AltSax
25	BB2 Full Mix Smooth	50	BB More TenorSax
		51	BB More Alt + TenorSax

Here's a tip! The new brass sounds have interesting sound controllers. For example, the volume of the individual instruments can be controlled on a mix wind instrument.

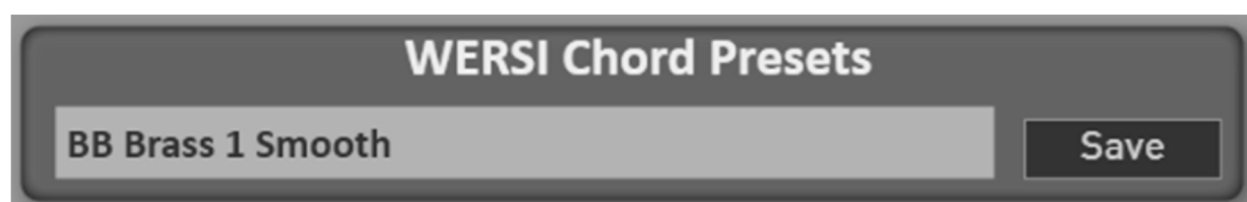


3.6 Saving WERSI Chord settings

Here you can call up factory presets or your own WERSI Chord presets and save your own WERSI Chord presets. Do not confuse the WERSI Chord Presets with the Total Presets. There are two ways to save your WERSI Chord settings.

Option A: You save a Total Preset and all WERSI Chord settings are automatically saved in the Total Preset.

Option B: You can also save your settings in a separate WERSI Chord preset in the user area. This procedure is advantageous if you also want to use the settings in other Total Presets. If you later save or change a new total preset, you only need to select the WERSI Chord preset with your settings and save the total preset again.



3.6.1 Wersi Chord Presets Factory Area

These 100 presets show you the possibilities of what you can do with the WERSI Chord. From number 11 onwards, these are presets for the WERSI Chord Band.

No.	Name		
1	Connect to Upper 1	27	Brass + Flute 2
2	Brass 1	31	Disco Brass
3	Brass 2	32	Modern Brass
4	Saxophone	33	Flute + Brass JL
5	E-Guitar	36	Chamber Brass
6	Strings	37	Brass Quartet
7	Accordion	38	Fanfare
8	Jazz Vocals	39	Hymne Brass
9	Theatre Orgel	40	Hymne Brass + Drums
10	Synthesizer	51	String Orchestra 1
11	BB Brass 1	52	String Orchestra 2
12	BB Brass 2	55	Strings Legato
13	BB Brass 3	57	Strings Sustain
14	BB Brass 4	60	Chamber Orchestra 1
15	BB Brass 5	61	Chamber Orchestra 2
16	Swinging Brass	62	Chamber Orchestra 3
17	Swinging Brass Velocity	65	Strings Filmmusik 1
18	BB Brass 1 Smooth	66	Strings Film Music 2
19	BB Brass 2 Smooth	67	Strings Filmmusik Mix 1
20	BB Brass Group Small	68	Strings Filmmusik Mix 2
21	BB Saxophon	70	Country Western Violine
22	BB Saxophon 1 Smooth	71	Jazz Choir
23	BB Saxophon 2 Smooth	76	Women's Choir
26	Brass + Flute 1	77	Aah Choir
		81	Church Choir 1

82	Church Choir 2
83	Church Choir 3
91	Duet Accordion+Trumpet
92	Duet Trumpet + Accordion
93	Trio Accordion + Trumpet + Trombone
94	Folk music Brass
95	Folk music Brass smooth
96	Folk music Brass Diatonisch
97	Folk music Brass Clarinet
100	Accordion
101	Musette
102	Musette + Strings
105	Zither 1
106	Zither 2
111	Synthesizer 1
112	Synthesizer 2
113	Synthesizer 3
114	Synthesizer 4
115	Synthe Lead Warm
116	Synthesizer Kurz
117	Popcorn Synthe
118	Synthe Sustain
131	Acoustic Guitar Duet
132	Acoustic Guitar Trio
134	E-Guitar Rockn Roll
135	E-Guitar Warm

136	Rock Guitar
138	Jazz Guitar Trio
140	Jazz Guitar + Brass
142	Country Guitar 1
143	Country Guitar 1 Advanced
144	Pedalsteel Guitar 1
145	Pedalsteel Guitar 2
146	Mandolin
148	Schlager Guitar WERSI
151	Organ WERSI Nostalgie
152	Helios
156	CD Organ
157	Analog Organ
160	Organ plus Brass
161	Theatre Organ + Bells
162	Theatre Organ 1
163	Theatre Organ2
171	Grand Piano
172	Piano Synthe
175	Honky Tonk
181	E-Piano
186	E-Piano Synthe
191	CD-Line Synthe
192	Galaxy 2. Voice
193	CD-Line Jazz Guitar Synthe
194	Pan Flute

3.6.2 Save WERSI Chord Preset

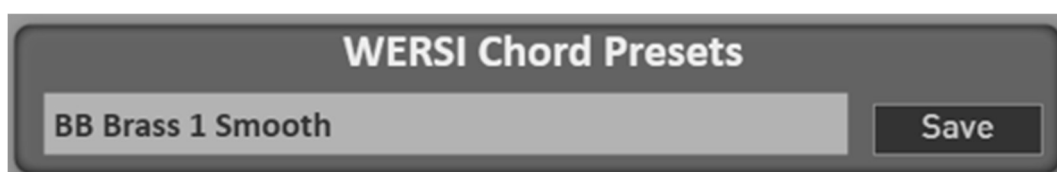
Of course, you can also save your own WERSI Chord presets.

Such a preset includes all settings from the chord type to the sounds of the WERSI Chord Band and their settings.

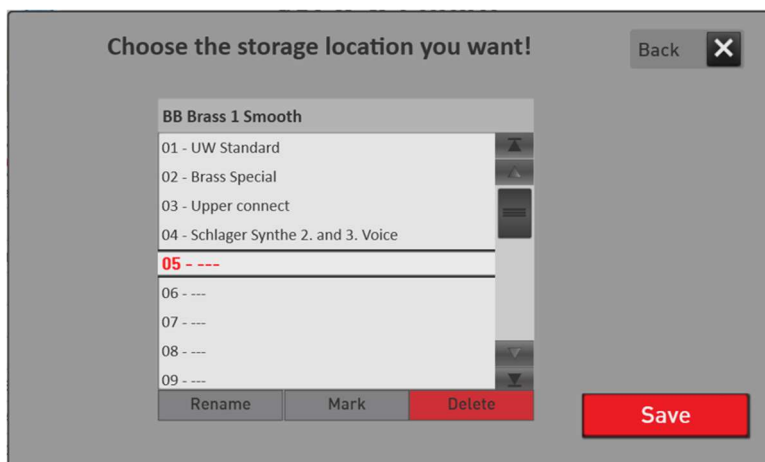
Or select an existing WERSI Chord preset in the factory area and change the sound assignment of the voices, for example, or set a different chord type.

Once you have created a new WERSI Chord Preset, you can save your settings in your own WERSI Chord Preset. You are already familiar with this process from other areas of the OAX system.

1. Press the **Save** button.



2. Select the desired memory location in the list.

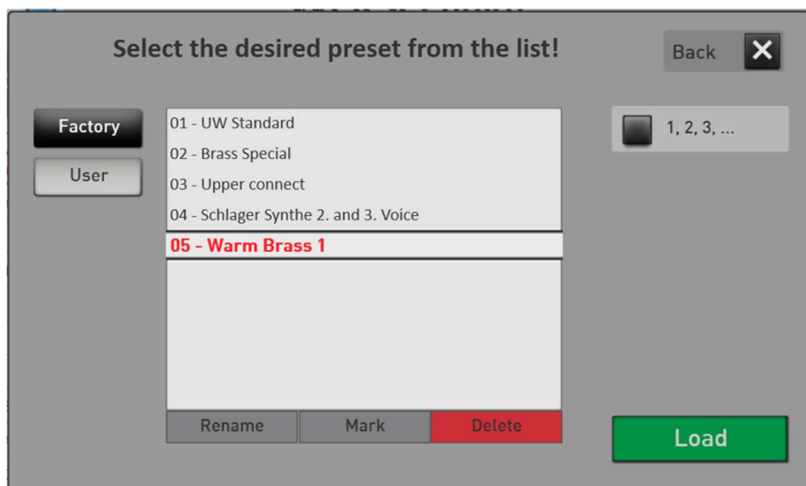


The preset you have changed takes on the name of the preset you started with. In this example, the name is 'BB Brass 1 Smooth'.

3. If you would like to give the preset a new name, press the preset name area and the display keyboard will open, allowing you to change the name. In this example, the new name is 'Warm Brass 1'. Confirm the new name with **ENTER**.



4. Press the Save display button to save the WERSI Chord preset and it is now in the list under USER.



4 LOWREY Live Organ and Sounds

Activation of OAX version 3.0 + WERSI Vision is a prerequisite for the extension package.

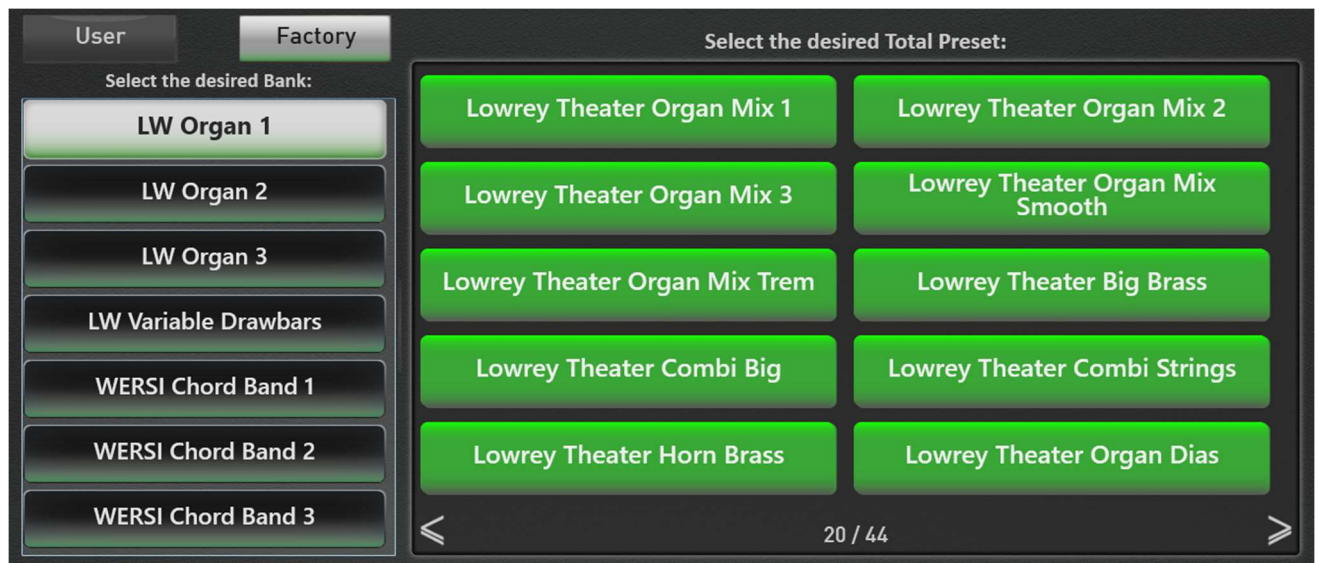
Experience the sound of the legendary LOWREY organ on your OAX instrument. Use the Live Organ interface to switch the tabs for the drawbar foot positions, the tabs for the theater sounds and three foot positions each for strings and vocals. As well as Vibrato, Rotor, Tremolo, Sustain and Ensemble.

In addition to the Lowrey Live organ, 82 further LOWREY tones, 64 effect sounds and 4 reverb programmes are available. The description can be found in chapter 4.4 Further Lowrey Sounds.

If you want to get started straight away and try out the many facets of the Lowrey sound, it is best to use the Total Presets in the factory area. These can be found in the Total Preset Banks labelled Lowrey Organ 1 to 3 and Lowrey Variable Drawbars.

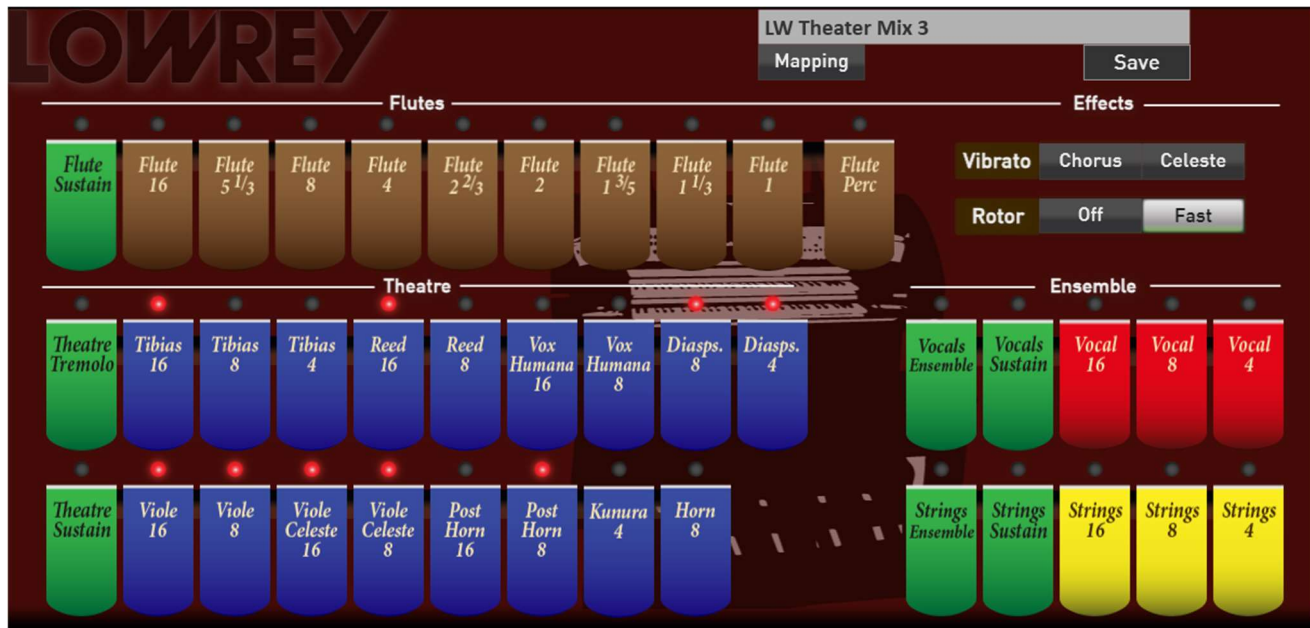
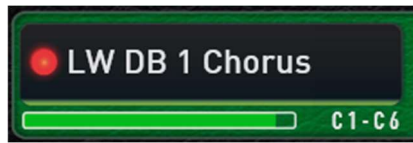
Note: The Lowrey organ is an expansion package that is subject to a charge. In addition to the organ, 82 further LOWREY sounds, 64 effect sounds and 4 reverb programs are available.

If you want to get started straight away and try out the many facets of the Lowrey sound, it is best to use the Total Presets in the factory area. These can be found in the Total Preset Banks labelled Lowrey Organ 1 to 3 and Lowrey Variable Drawbars.



4.1 Main page of the LOWREY Organ

If you want to open the main page of the LOWREY from the professional display, register a Lowrey sound on a selector and hold this selector down for one second.



The Lowrey sounds are divided into the four groups Flutes, Theatre, Vocals and Strings. The tabs are switched on and off by tapping on them.

Flutes -> In addition to the tabs for the nine foot positions, you will find the following function in this area:

Flute Sustain gives the sound a longer decay. On the second page, you can set the length of the sustain according to your wishes. Use **Flute Perc** to switch the percussion on or off. You can select on the second page. In which foot position the percussion should sound.

The **Vibrato** and **Rotor** effects are available for the flutes. The vibrato can be switched between chorus and celeste. The rotor can be switched on and off and between slow and fast. You can also switch between slow and fast using the corresponding button on the control panel.

Note: In the Theatre, Strings and Vocals groups, the newly activated tabs are only audible as soon as you strike the keys on the manual again.

Theatre

In the Theatre group, 17 individual tabs, tremolo and sustain are available. You can adjust the tremolo according to your wishes. The same applies to the length of the sustain. To do this, go to the advanced settings of the Lowrey.

Strings and vocals

These two groups each have three foot positions, Sustain and Ensemble. As with the Flutes and Theatre groups, you can adjust the length of the sustain in the advanced settings.

4.2 Advanced settings for the LOWREY

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



Flute types

The LOWREY has six different drawbar sounds. Diapason and String do not sound like a classic sine wave organ.

Flute Volumes

The individual foot positions of the organ are switched on and off via the nine tabs on the main page. The volumes of the foot positions can be adjusted using the nine drawbars.

Tabs to Drawbars

With the Tabs to Drawbars function, the foot positions are linked to the mechanical drawbars and you can change the volume while playing. Just like you are used to with the OX7 or the VB3.

Percussion Settings - Volumes

With **2nd**, **3rd** and **User** you set the foot positions for the percussion. With **User**, the foot positions are set using the seven drawbars.

Use **Loud** to change the volume of the percussion.

Mono reduces the percussion to the highest note for a chord.

When **VELOCITY** is activated, the volume of the percussion is influenced by the keyboard dynamics. If you want to use this function, make sure that the dynamics for this selector are switched on.

Use the **Decay** drawbar to set the length of the percussion.

On the right-hand side you will find special settings for the four groups **Flutes**, **Theatre**, **Vocals** and **Strings**.

The **volume** can be changed for each group. This allows you to set the volume ratio between the four groups. It is not a matter of making all groups louder or quieter at the same time. If, for example, +6dB is set everywhere, the entire sound will be distorted. The overall volume of the sound is set via the selector.

Attack and **sustain** can also be set. The sustain only becomes active when the sustain is switched on for the corresponding group on the LOWREY main page.

You can set the **speed (Trem Speed)** and **intensity (Trem Int.)** of the tremolo for the sounds in the Theatre section.



Free on

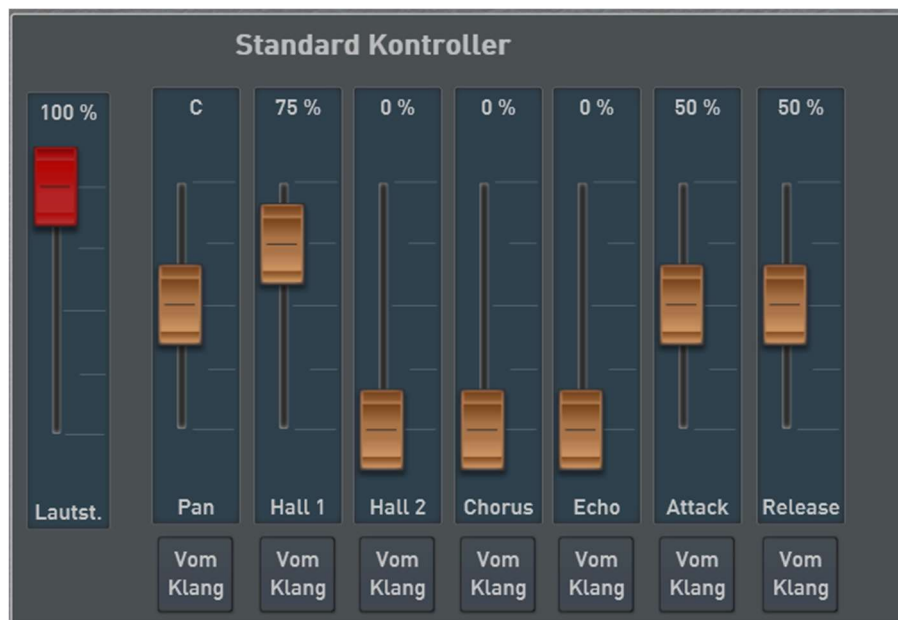
If you save your own drawbar sound, you can activate the FREE function before saving it. Free means that the current values of the control panel buttons and foot positions are used when registering this drawbar sound color.

Free off

If you save the sound with FREE deactivated, the sound is saved completely. In other words, with the settings of the 9 foot positions and the settings on the control panel.

4.3 Standard controller of the LOWREY organ

As you are used to with all other sounds, double-click to open the selector controllers. The standard controllers volume, panorama and effect settings are saved in the total preset. Sound controllers are not available on the LOWREY.



4.4 Further Lowrey Sounds

In addition to the Lowrey Live Organ, 82 further LOWREY sounds, 64 effect sounds and 4 reverb programmes are available.

Normal Lowrey Sounds	
Piano Mellow LW	Strings Ensemble 3 LW
Old Upright Piano LW	Strings Warm LW
Toy Piano LW	Strings Crescendo LW
Honky Tonk 1 LW	Strings Octave LW
Honky Tonk 2 LW	Strings Sforzando LW
Flamenco Guitar 1 LW	Strings Sustain LW
Flamenco Guitar 2 LW	Strings Slow Sustain LW
Dobro Guitar LW	Tibia 16 LW
Lute Guitar LW	Tibia 8 LW
Ukulele LW	Tibia 4 LW
Banjo LW	Tibia 8 + 4 LW
Mandolin 1 LW	Tibia Combination LW
Mandolin 2 LW	Reed 16 LW
Mandolin Orchestra LW	Reed 8 LW
Bells Repeat LW	Reed 16 + 8 LW
Musicbox LW	Post Horn 16 LW
Carrillon LW	Post Horn 8 LW
Woodblock LW	Post Horn 16 + 8 LW
Glockenspiel LW	Post Horn 16 + Tibia 8 LW
Hand Bells LW	Kinura 8 LW
Louis Trumpet LW	Kinura 8 + Tibia 4 LW
Louis Shakes LW	Diapason 4 LW
Louis Trumpet+Shakes Vel LW	Diapason 8 + 4 LW
Plunger Trumpet LW	Vox Humana 16 LW
Muted Cup Trumpet 1 LW	Vox Humana 8 LW
Muted Cup Trumpet 2 LW	Vox Humana 16 + 8 LW
Lyrical Sax LW	Vox 8 + Tibia 4 LW
Flute Ballad LW	Vox 8 + String 8 LW
Calliope LW	Vox 16 + Tibia 8 LW
Recorder LW	Vox 16 + String 16 LW
French Horn LW	Viole Celeste 16 LW
French Horn Solo LW	Viole Celeste 8 LW
French Horn Warm LW	Viole Celeste 16 + 8 LW
French Horn Section LW	Viole 16 LW
Xtra Choir LW	Viole 8 LW
Xtra Choir Itopia LW	Viole 16 + 8 LW
Choir Aah (Far) LW	Pedal Bass LW
Choir Aah (Near) LW	Pedal Pick LW
Strings Ensemble 1 LW	Pedal Deep LW
Strings Ensemble 2 LW	Pedal Ensemble LW
	Pedal Diaphone LW

4.5 Effect-Sounds

No.	Name
243	Churchbell LW
244	Gong 1 LW
245	Gong 2 LW
246	Trolley Bell LW
247	Pop LW
248	Boink LW
249	Footstep1 LW
250	Footstep2 LW
251	Typewriter LW
252	Whistle Down LW
253	One LW
254	Two LW
255	Three LW
256	Four LW
257	Play LW
258	And LW
259	Ready LW
260	Finger Cymbal LW
261	Laughing LW
262	Laughter LW
263	Scream LW
264	Kiss LW
265	Heart Beat LW
266	Ah LW
267	Applause LW
268	Cu-Coo LW
269	Dog LW
270	Horse Whinney LW
271	Horse LW
272	Birds LW
273	Rooster LW
274	Cow LW

275	Crow LW
276	Gun Shot LW
277	Helicopter LW
278	Lasergun LW
279	Machine Gun LW
280	Explosion LW
281	Plane LW
282	Siren LW
283	Starchip LW
284	Punch LW
285	Metronom LW
286	Metronom Bell LW
287	Game Show Correct LW
288	Game Show Wrong LW
289	Telephone Modern LW
290	Telephone LW
291	Thunder LW
292	Thunder Rain LW
293	Seagulls LW
294	Seashore Surf LW
295	Rain LW
296	Surf wSeals LW
297	Steam LW
298	Door Bell LW
299	Door Creaking LW
300	Door LW
301	Car Horn LW
302	Train LW
303	Car-Aaooga-Claxon LW
304	Car-Pass LW
305	Jetplane LW
306	Wind LW



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