

**Böhm**  
ORGELN | KEYBOARDS



## Operating Instructions



V. 1.2, 08.01.2018

Autors: Axel Ahnert, Claus Riepe

Translation: Keith Gledhill



The information contained in this document may be changed without notice and represent no commitment on the part of the Keyswerk Music Electronic GmbH.

The information is correct at the time of publication.

Technical details for the descriptions, data and illustrations in this manual are subject to change.

The Keyswerk Music Electronic GmbH can accept no liability for bugs and incorrect information in the documentation and their consequences.

© Keyswerk 2018  
all rights reserved

responsible for content:  
**KEYSWERK Musikelektronik GmbH**  
Warbersche Straße 32  
31675 Bückeburg  
Tel.: 05722 905088  
Fax: 05722 287555  
Internet <http://www.boehm-orgeln.de>  
E-Mail [info@boehm-orgeln.de](mailto:info@boehm-orgeln.de)

## Index

Foreword .....	5
What is the Cloud Studio? .....	6
Technical Details.....	6
Starting the Cloud Studio .....	7
Mixer settings at the organ .....	9
Playing with Cloud Studio Sounds .....	9
Overview of preset cloud Studio sound banks.....	9
Mapping the cloud Studio sounds to the manual/pedal parts of the organ.....	11
Playing the Hauptwerk church organs .....	12
Start of the Hauptwerk software .....	12
The note display in the cloud Studio .....	16
How to get new notes in the cloud Studio? .....	18
Excursion: Use the Owncloud.....	18
Import new sheet music (Notes).....	22
Calling up notes manually .....	25
Calling up notes about the global presets of the organ .....	27
Appendix: sound list Cloud Studio.....	31

## Foreword

The Böhm Cloud Studio is a PC-based extension for your Böhm organ.

It acts as a digital sheet music touch display and also management system for the production of additional sounds via first virtual instruments, sample libraries, Hauptwerk® church organs, etc. All of which can be played live on the organ.

There are different cloud Studio configurations:

## Configurations

### Cloud Studio score

Sheet music management and presets linked directly to the touch screen.

### Cloud Studio Standard

Note management and sound extension based on the professional sample / Halion6/Absolute3 from the renowned manufacturer of Steinberg VST instrument library.

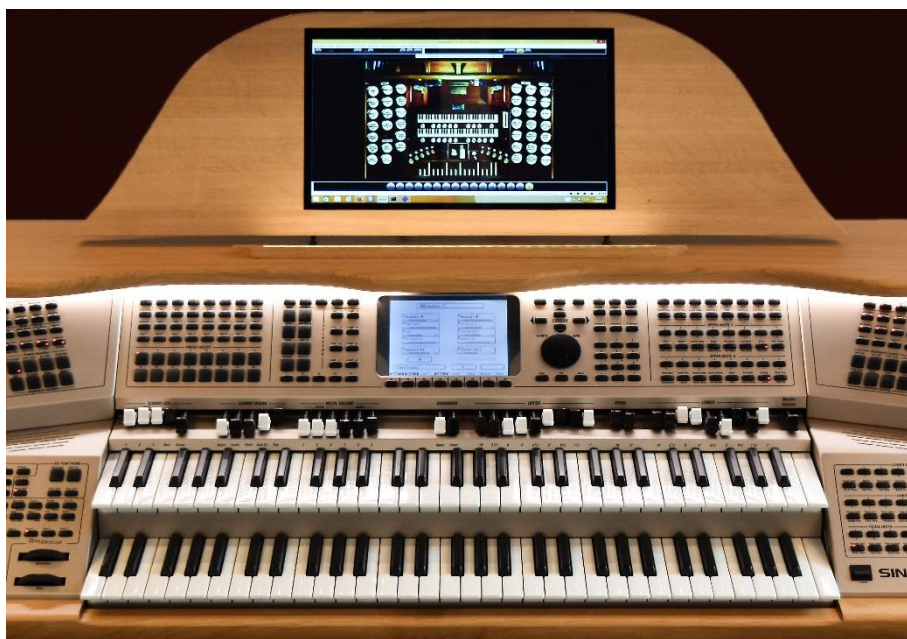
The sacral software main work here is usable in the free version and the full version is always available as an upgrade.

### Cloud Studio sacral

With touch display and main screen there are already many classic organs and a free theatre organ installed.

Further organs are available as an upgrade.

Optionally also with Steinberg Halion6 / Absolute3.



## What is the Cloud Studio?

The Cloud Studio expands and enriches your Böhm organ - first of all and most importantly – by a most interesting additional sound module, based on a modern high-performance PC system. Cloud Studio enables the AMADEUS sounds of your organ's internal sound generator to be integrated with the sounds of virtual instruments (VST plug-in) and sample libraries. These can be played live and also be integrated into your Global Presets. Thus, you tap into the limitless and completely professional sound samples that are commonly used today in modern studios and elaborate music productions.

This special feature: Everything is preconfigured so that you can use over 400 additional Studio sounds from modern plug-ins immediately and in combination with the Amadeus sounds installed in the organ. A special entry in the PC system operation is not necessary to do this!

We have installed the latest available software. A VST instrument package pre-configured sampler, **Steinberg HALION6** and the **Absolute 3** plug-in package with the most beautiful sounds from it ready to play and pre-installed into the sound library of the organ.

In addition to the sounds of the plug-ins you can access virtual church organs based on the well-known **HAUPTWERK** software or additional plug-ins or samples which can be integrated into the Cloud Studio.

At Böhm, the PC system is thus a pure sound module, that is only used for the creation of VST and sample sounds and not for the running of the whole organ. This complements the central electronics of your Böhm organ itself and allows everything to work better and faster. Only this way is it possible to be able to play the original sounds of the plug-ins with sample sizes of up to several gigabytes per sound in "Real time". All sounds are available, and installed by Cloud Studios directly in the provided large RAM memory of the PC engine (at least 32 GB!). No waiting periods and Instantly responsive while playing, In place of a hard disk a modern SSD Flash version is used, which provides the sounds (approximately 14 GB of sample material) within 90 seconds of startup.

## Technical Details

The cloud Studio consists first of all of one (or more) 17.4" touch displays that are integrated into the music stand of the organ and the related central processing unit. The actual PC module is housed outside the organ in a special enclosure (Overture, Silverbird and Starlight). In the SEMPRA, Sinfonia and Emporio models, as well as in the 350/450 CT the processing unit is fitted inside the organ.

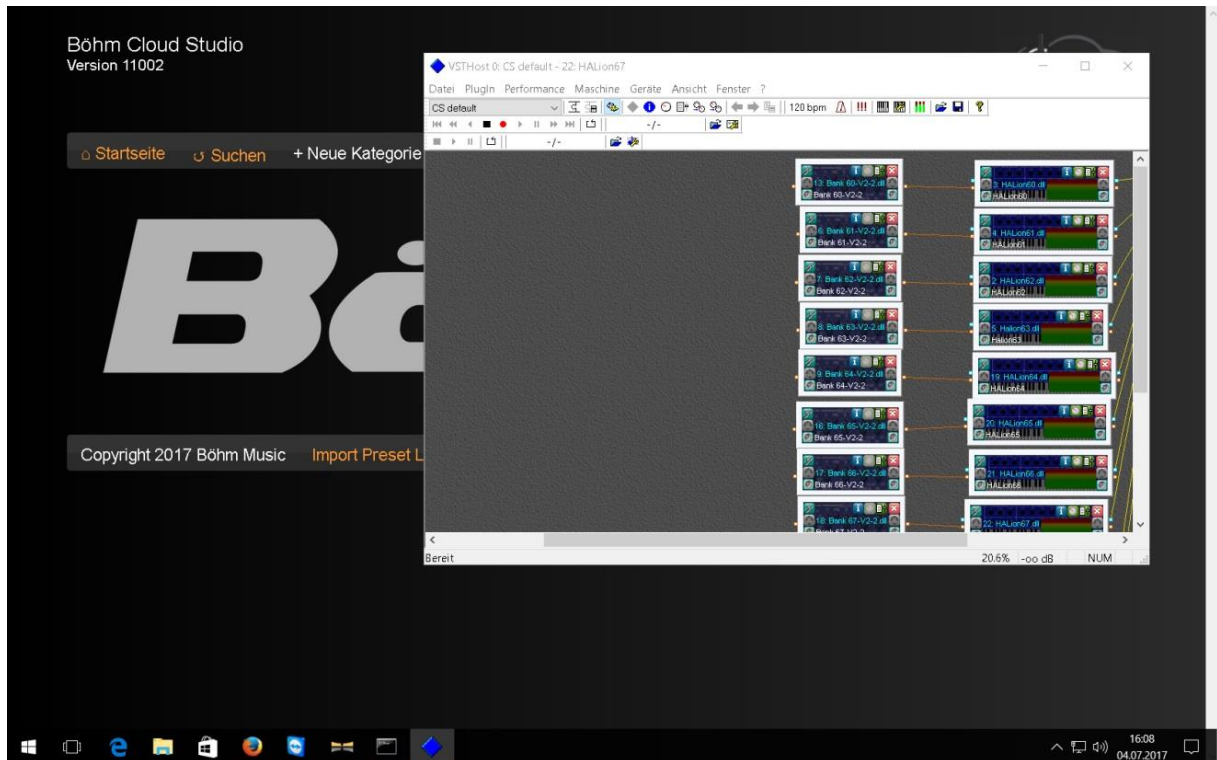
In addition Cloud Studio provide all of the necessary MIDI and audio peripherals. Even a new network connection in the organ is provided as part of the Cloud Studio. Organ and Cloud Studio are switched on together.

The central unit of the Cloud Studio is a very powerful PC, based on the Microsoft operating system Windows 10. So, for the PC user a lot of functions will act conversantly.

In terms of usability it is no different to a standard PC. The differences lie in the software and in the details.

## Starting the Cloud Studio

When you turn on the organ, it starts as usual and the Cloud Studio is also "powered up". See the Windows start up window in the touch screen and after a few seconds you will see the following window:



Here the sheet music program is in the background and the so-called VST HOST showing the pre-installed plug-ins ready for use in Cloud Studios. Here are the plug-ins for the individual Cloud-Studio sound banks with the corresponding instances of the Steinberg HALION sampler. If Cloud Studio Score is in use it displays in the foreground.

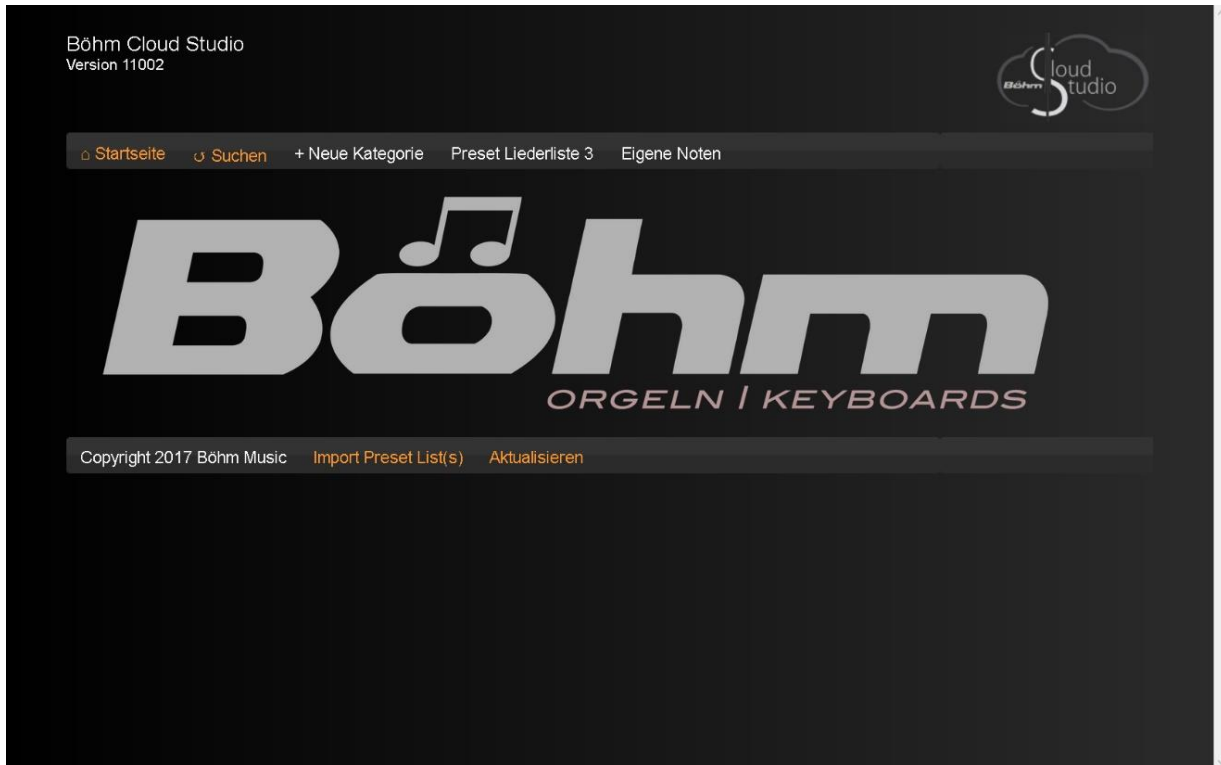
As long as you play only the sounds installed by us you do not need to make any changes!

Those who later edit sounds in HALION, add more sounds or samples, or would like to add new plug-ins, must save them here in VST HOST and the corresponding programs will work, like on any other PC. For further explanation please also refer to the respective operating instructions of the corresponding software programs. On your Cloud Studio preinstalled programs are installed before delivery.

The boot process of the cloud Studios takes about 1.5 minutes. During this time the samples of the pre-loaded sounds are loaded into memory, so they play direct and without latency (delays). All sounds in the system are instantly available - an invaluable advantage of Cloud Studios and the prerequisite for the real live usability of such a system.

- At first press together two buttons **ENTER** and **ESC** on the control panel of the organ. This initializes the Cloud Studio.
- As no further access to the VST HOST program is necessary the program window automatically disappears behind the touch display program. Summon the Cloud Score by tapping on the black background area. The VSTHOST program continues in the background.

The screen should look as follows:



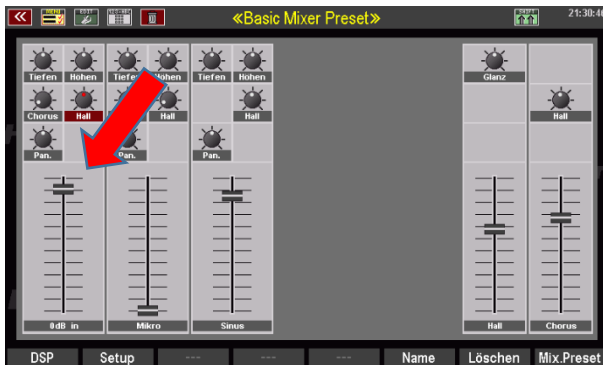
**Note:** If a Global Preset is linked with sheet music, they will install together. See explanations in the chapter "The note display in the cloud Studio".



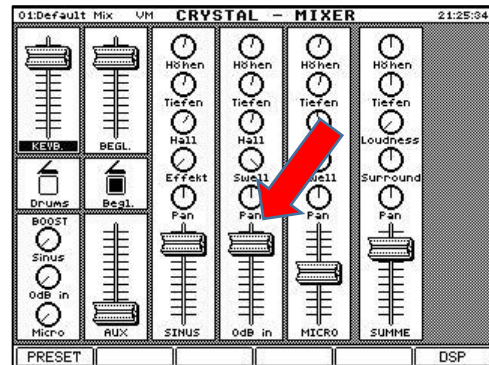
## Mixer settings at the organ

To hear the sounds of the Cloud Studio, you must first make sure that the 0 dB input (resp. AUX input on Sinfonia 500/500SE, Emporio 600/600SE, 350/450, Excellence) to the internal mixer (Crystal Mixer) of your Böhm organ is set, because the audio signals of the Cloud Studio is sent to the Crystal Mixer via this input:

### SEMPRA:



### Overture/Sinfonia/Emporio/Diamond



An advice about the reverb setting: The Plug-In sounds and also the HAUPTWERK sounds are usually provided with their own reverb effect from the respective plug-in software. We recommend trying the Hall-control at 0 dB/AUX input on the Crystal mixer. A certain proportion of the organ Hall effect is needed so the organ sounds and the sounds from the Cloud Studion merge acoustically. In our experience a setting of approximately "10-12 o'clock" is best for the mixer Hall control.

**Caution:** If you play with changing mixerpresets, make sure that the appropriate settings for the 0 dB input is included and saved in all with the mixer presets using Cloud Studio.

## Playing with Cloud Studio Sounds

### Overview of preset cloud Studio sound banks

The sounds installed by us are located on the following Soundpreset banks of the organ:

- Bank 60: CS HALion 01
- Bank 61: CS HALion 02
- Bank 62: CS HALion 03
- Bank 63: CS HALion 04
- Bank 64: CS HALion 05 \*
- Bank 68: CS HAUPTWERK (4 Soundpresets for Great, Swell, Positive and Pedal)
- Bank 69: CS The Grand (1 Soundpreset for "The Grand" Piano plug in)

**Note:** The listed bank names apply only to SEMPRA models, only the bank numbers can be found in the previous models but the Soundpreset assignments are identical.

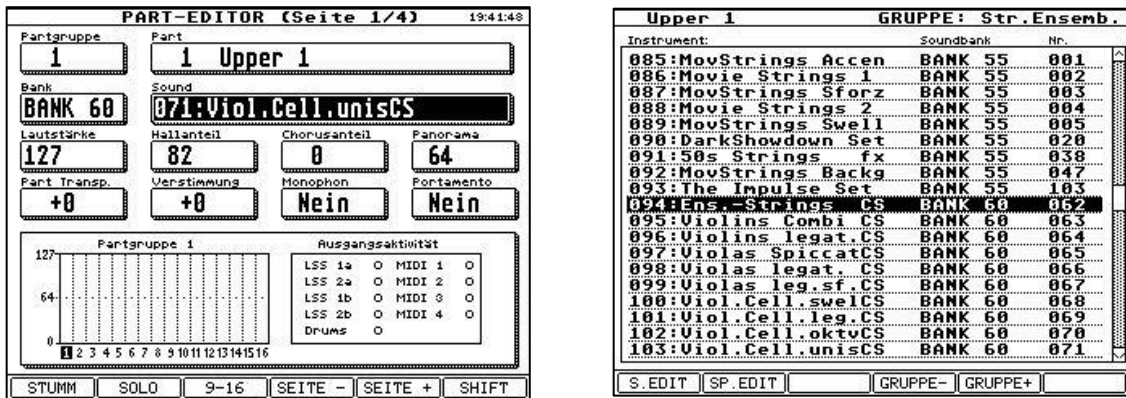
\* Bank 64 is occupied by default only when Cloud Studio is delivered after May 2017. In this case the provided HALION6 comes with additional Steinberg sound material.

Select the sounds of these banks over the corresponding sound lists of your organ. You will find the CS-piano sounds in the piano list, the CS-strings in the string list, etc. The Cloud Studio sound presets are recognised by appended "... CS" in the sound name:

i.e. SEMPRA:



i.e. Overture, Sinfonia, Emporio, etc.:



- The sound preset **banks 60-64** contained lists up to 128 sounds from the **HALion/Absolute3** plug ins package from Steinberg, but also additional sounds added by us.
- The sound presets of the **Bank 68** serve the **Hauptwerk** software when using to connect the keyboards (manuals and pedal) of the Böhm organ with the corresponding virtual keyboards used by Hauptwerk organ (further explanations see below).
- With the 1st sound preset "**CS Grand**" in **Bank 69** is the registration of the virtual piano of **The Grand** Piano plug In from Steinberg.

For a tabular summary of all sound presets, see the appendix to these operating instructions.

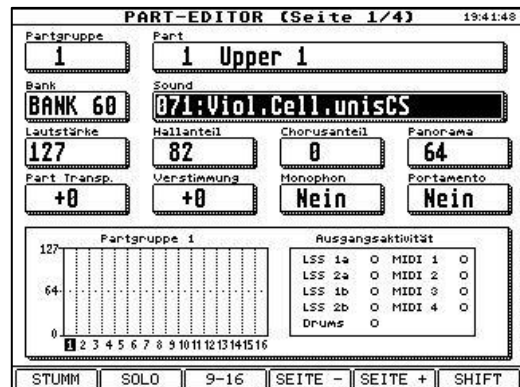
## Mapping the cloud Studio sounds to the manual/pedal parts of the organ

Basically, you can use the CS sounds on the manual and pedal parts just like the internal AMADEUS sounds of the organ. There are only a few things to consider:

The Cloud Studio uses an internal MIDI - interface with 16 MIDI channels. These are suitable for up to 16 different sounds from the Cloud Studio. But, depending on the organ, the Cloud Studio parts can only be routed to certain manual or pedal parts:

### Keybits/Starlight/Silverbird/Overture/250/280:

CS sounds can be played on all upper and lower parts, the solo part (M3 models), the pedals, and the Solochord part.



### Sinfonia/Emporio/350/450/Excellence:

CS sounds can be played on parts indicated by the entry "LSS1a" in the column "Sound module" of the part editor (manual and pedal parts of the routing group **SG1**). When these CS-sound parts are selected a 'HDS1' entry appears under "Sound module".

### SEMPRA SE20/40/60, Sinfonia 500SE/600SE:

CS sounds can be played on the following parts:

- Upper 1 right / Upper 1 left / Solochord Upper right**
- Upper 3 right / Upper 3 left**
- Lower 1 left / lower 1 right**
- Lower 3 left / lower 3 right**
- Pedal 1**



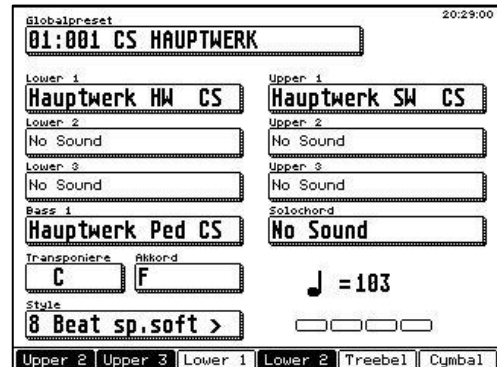
## Playing the Hauptwerk church organs

A special rule applies for playing the Hauptwerk virtual organ software. Only one part of each manual and pedals is required using **Bank 68**.

i.e. SEMPRÄ:



i.e. Overture:



Solo manual (on three-manual Böhm organs): "HW positive CS"

Upper manual: "HW swell CS"

Lower manual: "HW main CS"

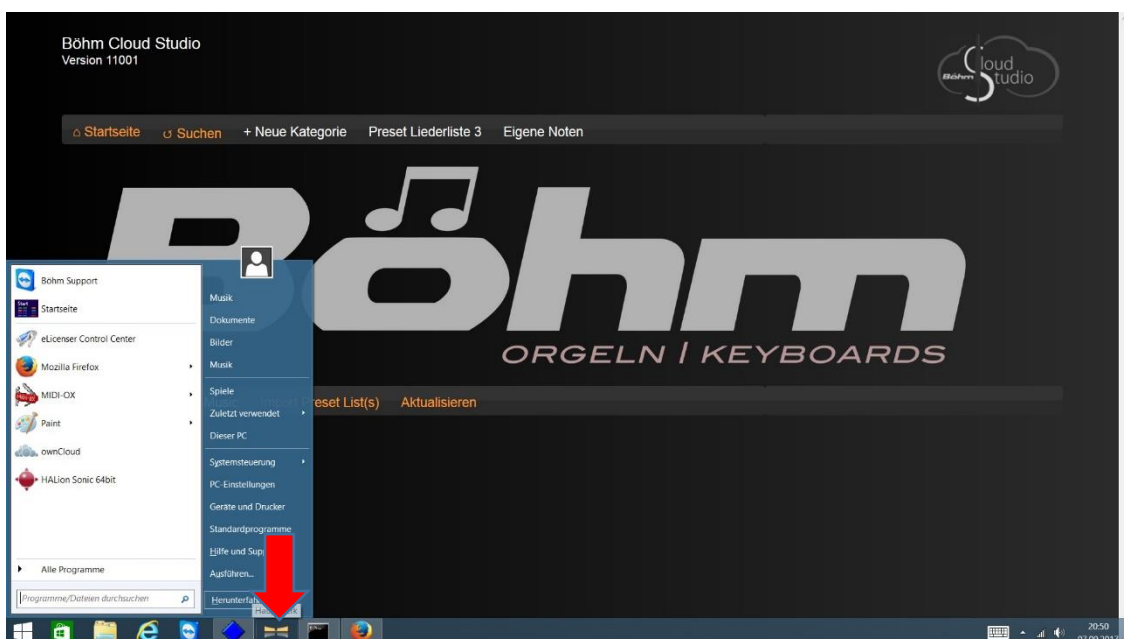
Pedal: "HW pedal CS"

Through this assignment, the respective manuals are connected by MIDI with the main program. The actual registration of the main organs takes place directly from the touch screen.

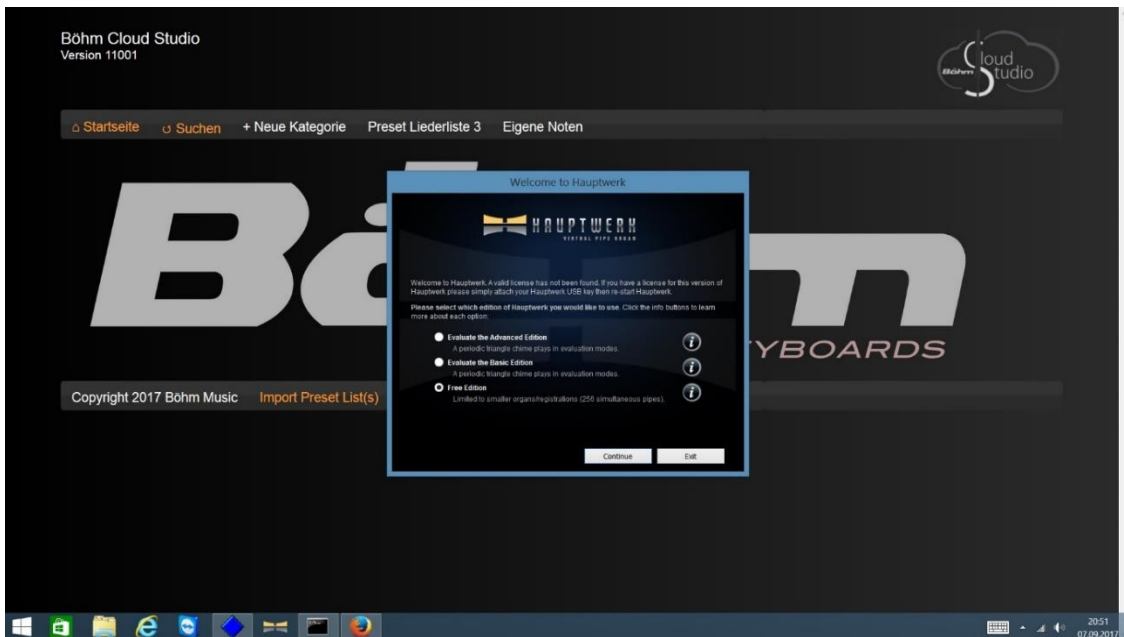
## Start of the Hauptwerk software

On the included wireless keyboard, press the WINDOWS key bottom left, the start menu will appear.

Now start the Hauptwerk software program icon on the taskbar as shown below:



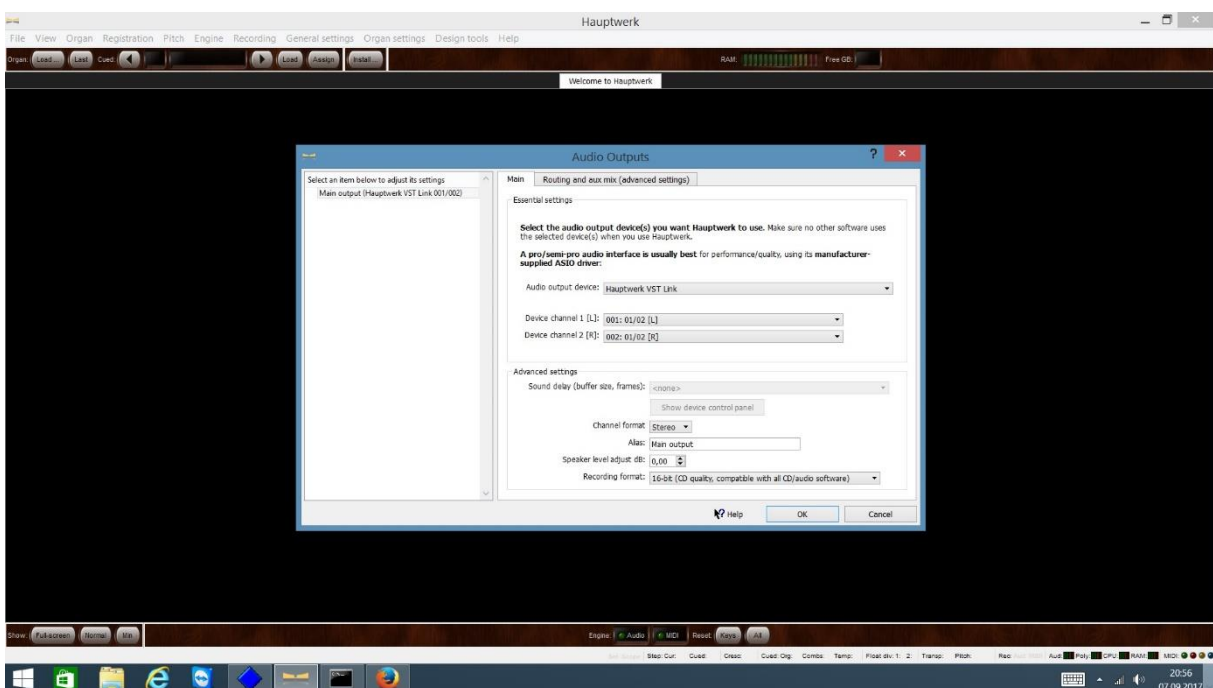
By default we deliver the cloud Studio with the free edition of the Hauptwerk software. On the first use of the program you will be asked which version you wish to use:



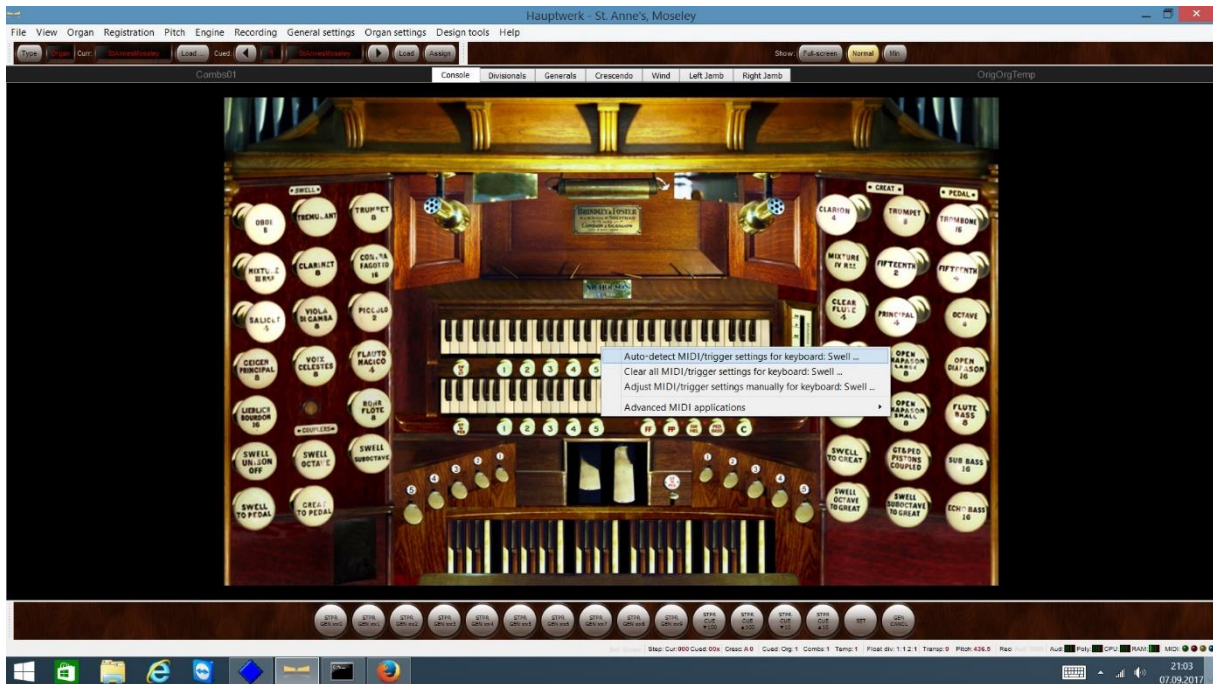
Select the free edition. In this version, only certain smaller organ sample sets are suitable. You can choose to test the Basic or the Advanced Edition, however a triangle chime will appear here periodically.

If you have already ordered one of the two licenses (Basic or Advanced) with your Cloud that version is of course already installed ex works. In this case, the query above does not apply.

On first using the program you will be prompted to select the audio output of the computer. Please choose "Hauptwerk VST link":







Select "Auto Detect MIDI..." and follow the instructions. Perform the same recognition then also for the other keyboards and the pedalboard.

Now the selected organ is ready to play. Select some registers for the respective manuals and when you play on the manuals of the Böhm organ the stops of the Hauptwerk organ sound.

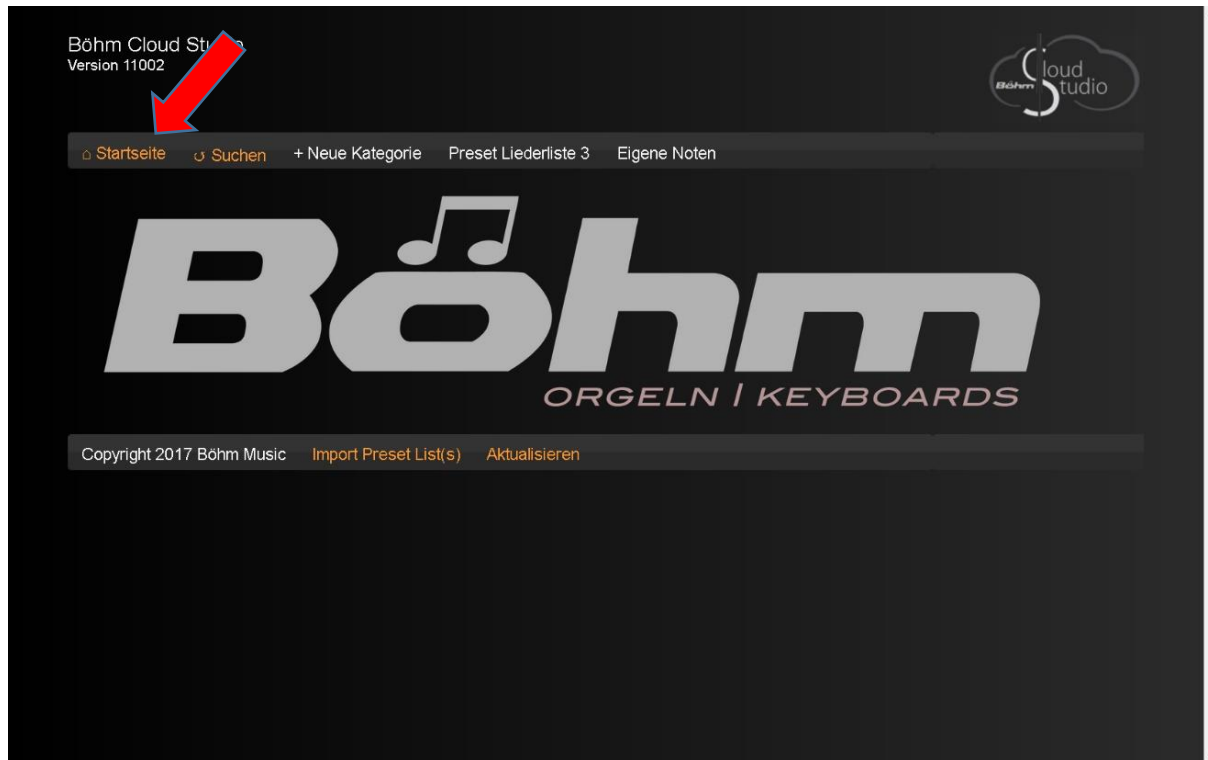
Regarding the further operation please note the operating instructions of the work or the sample set used with each.

**Please note:** During the use of most samplesets, you can hear permanent noises of the wind unit of the original organ. These noises are intended to give a preferably illusion of the original instrument to the player.

But these noises are bothering while playing your Böhm organ with other sounds. So, we recommend to should down the Hauptwerk software, when finishing playing it.

## The note display in the cloud Studio

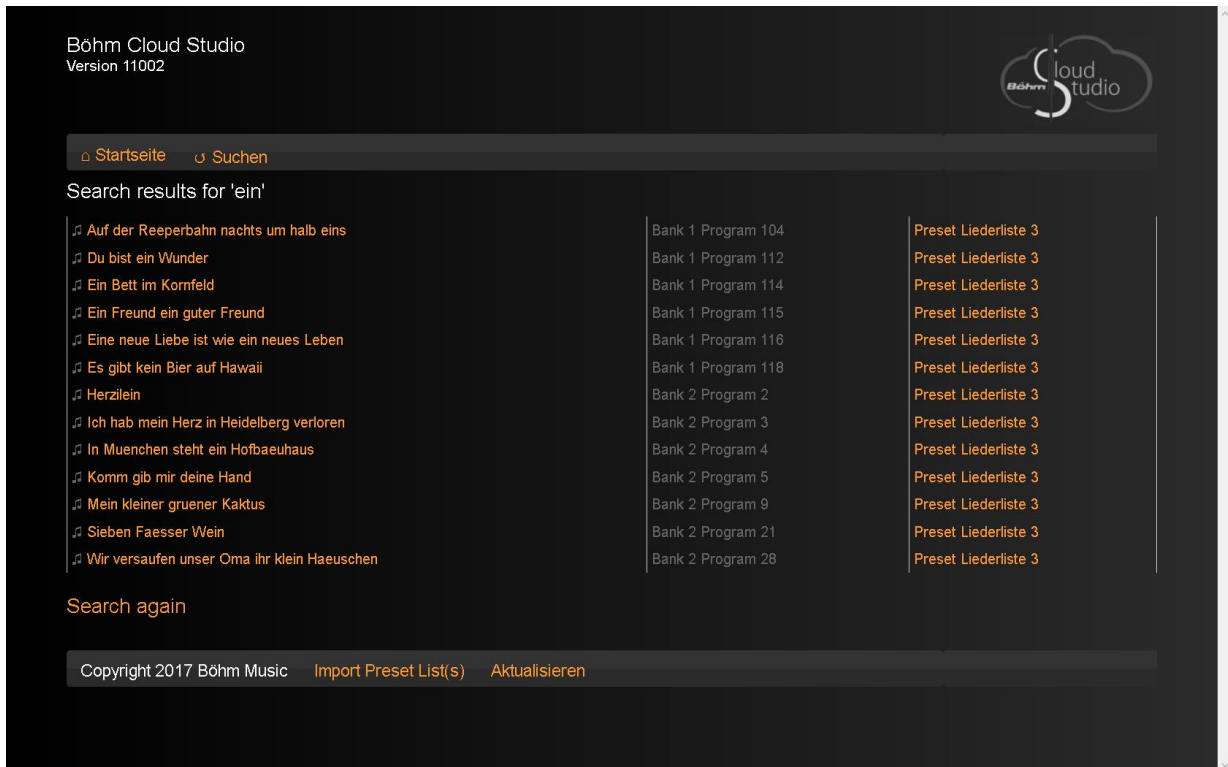
The main screen of the Cloud Studio is also the start screen of the note display program. The left field “Startseite” (start page) takes you back from all menus back to the home page.



In the basic configuration the note program consists of the levels “**Kategorien**” (categories) – which are individual folders - and **Media**, such as individual note files or videos.

There is also the menu “Suchen” (search). Here it is enough to enter a part of a song title and you get a list of results, in which all titles that contain this text string are displayed. In the following example "ein" was used as an example.





You can see that here all the files were listed, containing "ein". These appear in alphabetical order of the song title. To the right is shown the category folder in which the individual titles can be found (here for example: "Preset Liederliste 3").

Next to **Suchen** (search) you will find the menu for **+ Neue Kategorie** (add new category), with which you can create new note (sheet music) lists. Notes cannot be imported on the main screen, but are always imported in a note list or **category**. The categories are displayed in the top menu line. The list is according to the time of creation and not by alphabetical order!

The preinstalled example notes for Cloud Studio are in category "**Preset Liederliste 3**" (preset song list 3). You can change these at any time, it is however advisable to maintain this list in the factory configuration.

In addition, we recommend your own categories, such as grade book names or even musical genres, such as pop, pop, Jazz, classical, etc. to create and to sort your own music files here. There is but only one level of sorting. This means that no further subcategories can be applied in a category. Inside a category the files are sorted by the about the sheet music!

## How to get new notes in the cloud Studio?

### File formats

Notes can be imported as an image file (JPG, TIFF) or as a PDF. A separate image is needed for each sheet.

PDFs are automatically separated into the single pages. Each song therefore requires one own PDF file.

Imported images are almost independent of the resolution. PDFs should be formatted as standard PDFs. Many notation programs are creating PDFs with additional information. Import problems have therefore usually nothing to do with the resolution, but with the PDF format.

We recommend in these cases a PDF printer, such as *FreePDF XP* be used. This is found on the website [www.freepdfxp.de](http://www.freepdfxp.de). Please remember that you must first download and install Ghostscript before you install the freepdf xp.

### Excursion: Use the Owncloud

Each Cloud Studio has an individual account at the online storage service **Owncloud**. You might know the principle of similar online services like dropbox, Google drive, etc. It is to a personal online storage space in the so called "cloud". We have specifically chosen the service Owncloud, since this complies with professional safety standards and is therefore preferred and particularly by corporate clients.

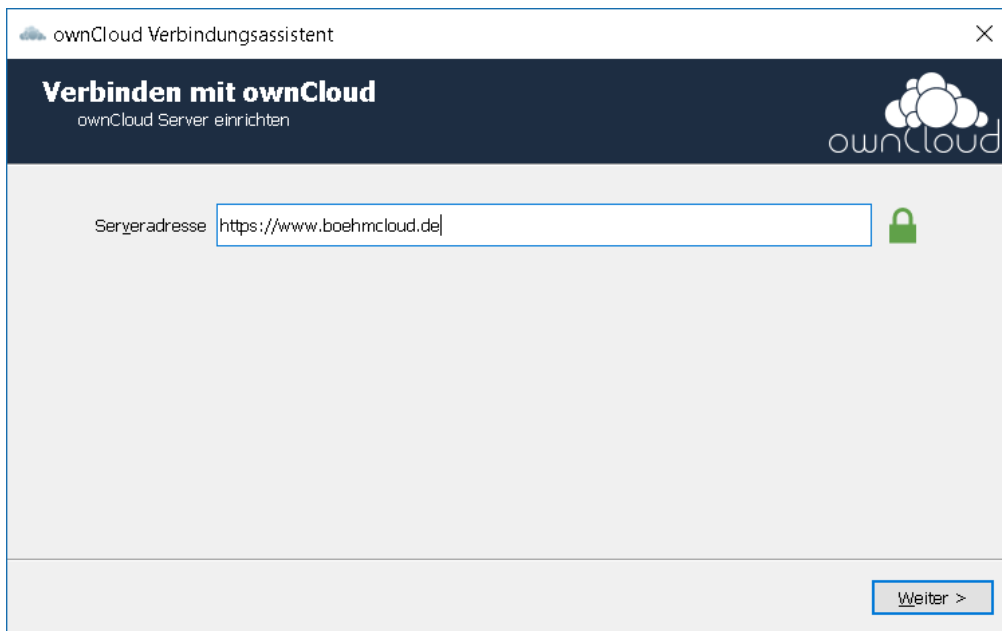
The Owncloud is not of importance for the basic functioning of the note display or the cloud. It facilitates only the importation of notes, because here you can synchronise almost any devices, such as mobile phones, PCs, and Macs with your cloud Studio and save yourself transferring notes on the USB stick or other complicated ways to the system. For the use of the Owncloud account the Cloud Studio must of course be online, so in a Wi-Fi network must be available. Connect to a Wi-Fi network in the same way as from the desktop to the cloud. It is just the same as any other Windows PC.

In the Cloud Studio is the Owncloud client is usually already installed on delivery and associated with the "Boehmcloud" the Böhm online server which manages the customer accounts. In this respect, this portion of the Guide for you may only be of interest from the point of quick access.

You can use any PCs, Macs or Mobile devices (smartphones, tablets...) at the Boehmcloud login to upload, access data and synchronize. Please note: Because of copyright regulations, the sharing of files to third parties is switched off.


For PCs and Macs, you must download the Owncloud software see [www.owncloud.org](http://www.owncloud.org). For smartphones/tablets, please look in the respective app store for Owncloud app.

When you start the Owncloud software or app, the following query is done first:



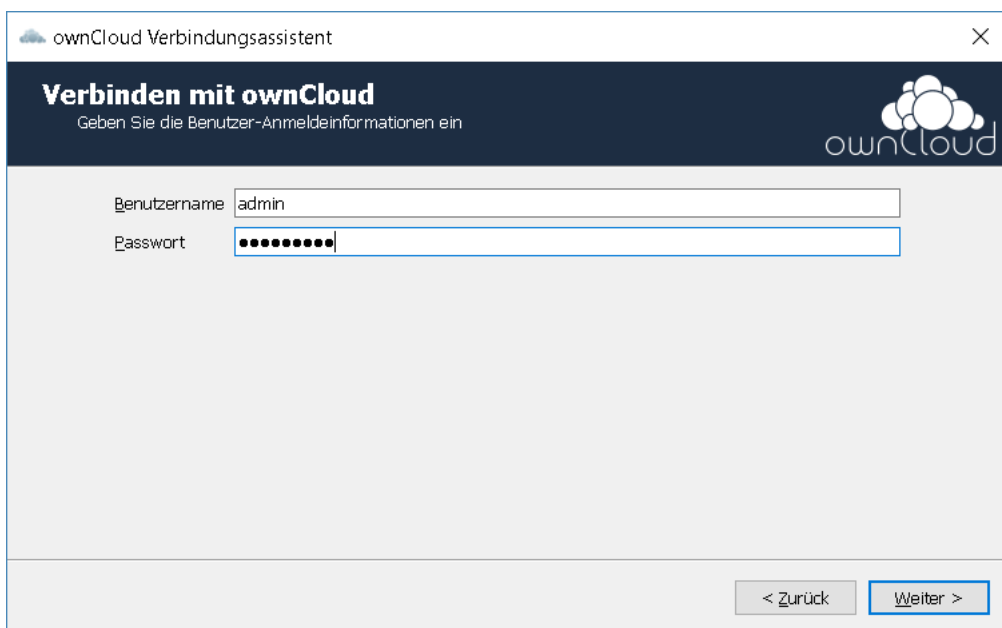
ownCloud Verbindungsassistent

**Verbinden mit ownCloud**  
ownCloud Server einrichten

Serveradresse  

[Weiter >](#)

Here the Boehmcloud, registered address as above.



ownCloud Verbindungsassistent

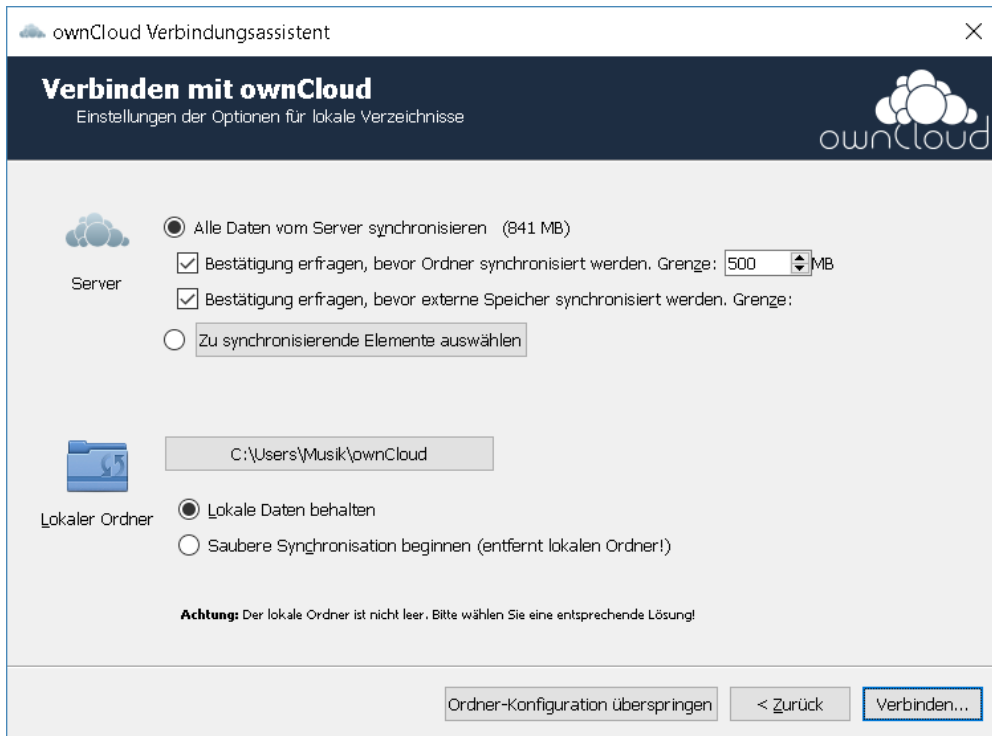
**Verbinden mit ownCloud**  
Geben Sie die Benutzer-Anmeldeinformationen ein

Benutzername

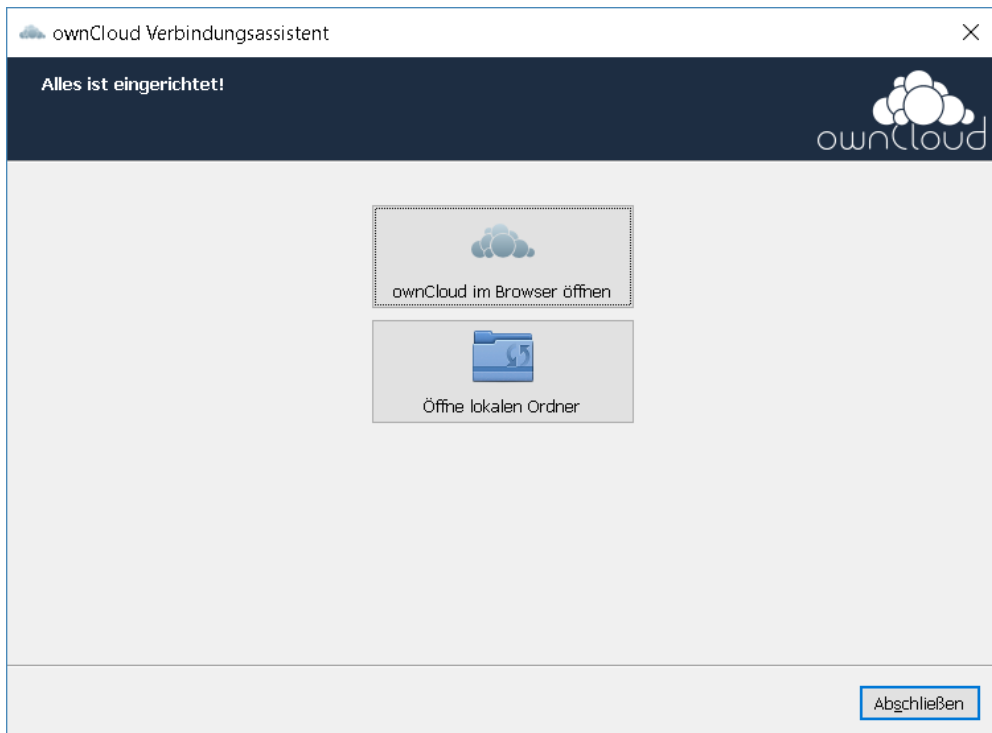
Passwort

[< Zurück](#) [Weiter >](#)

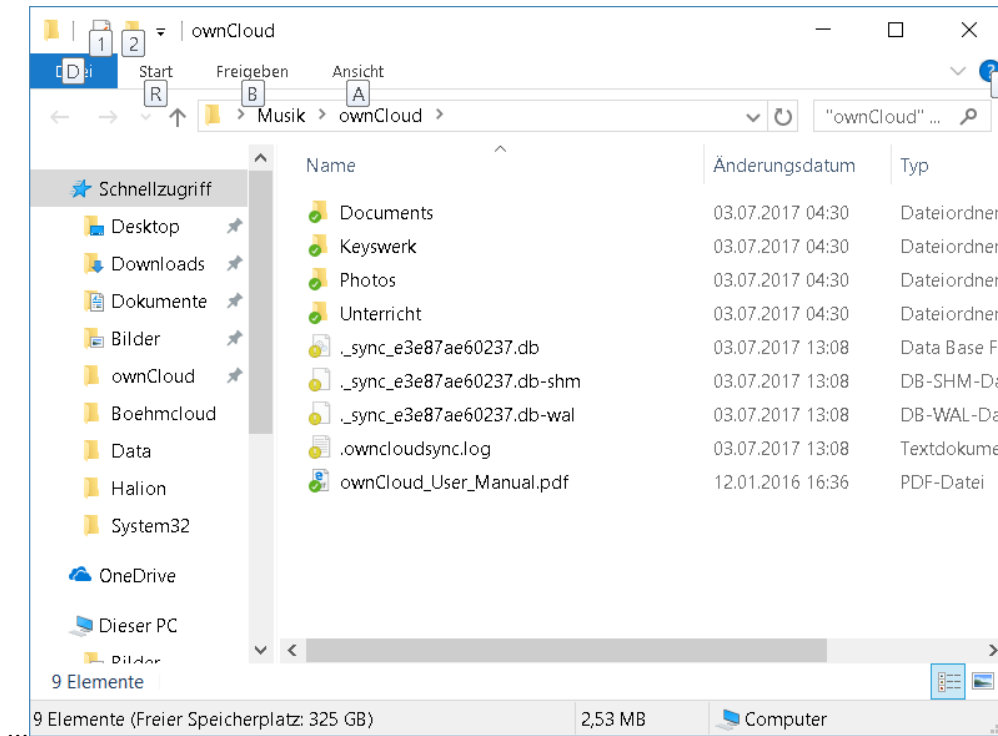
This is followed by a request for a user name and password. These are provided when first using Owncloud. These can be reset at any time.



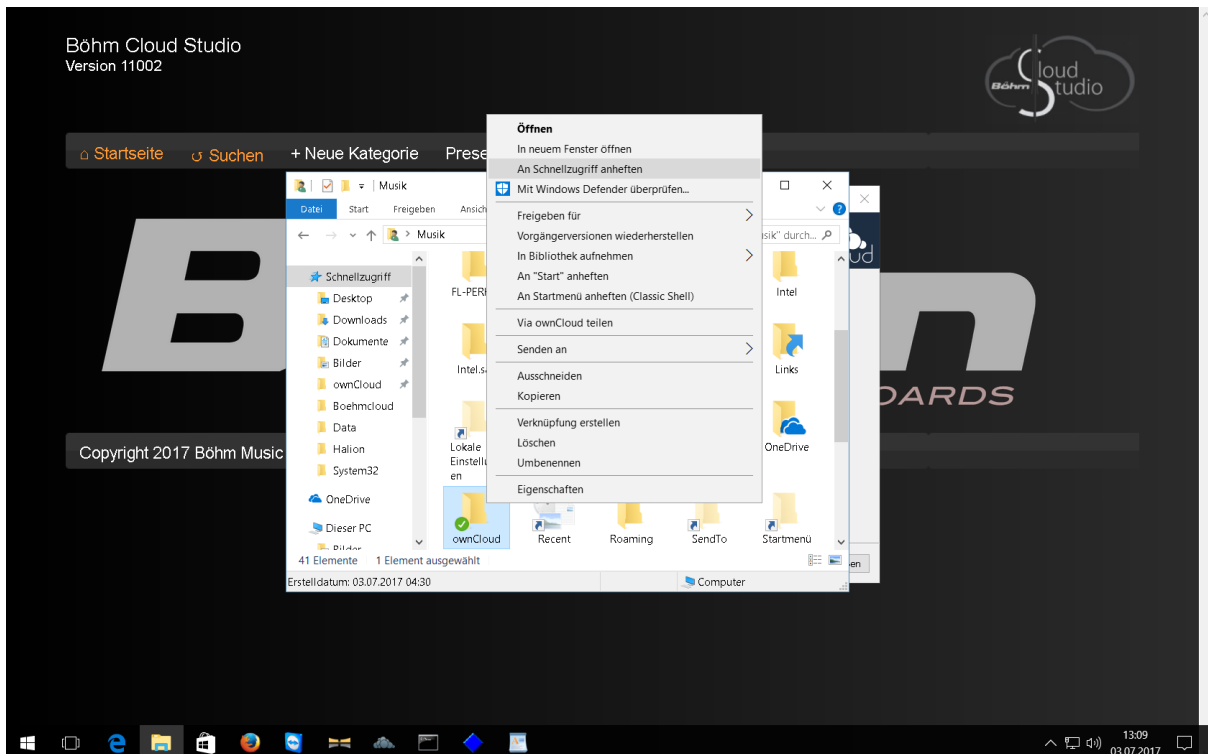
Here, we recommend to leave the suggested path and not change it, Make sure that your documents or images are not overly large for the amount of data to be synchronized.



Please select the local folder ....



This window should open. Here you are in the music parent folder.



With the right mouse button on the folder Owncloud click and select "attach to quick access" with the left mouse button.

This displays this folder under the quick access point among the installed programs.

**End of digression Owncloud**

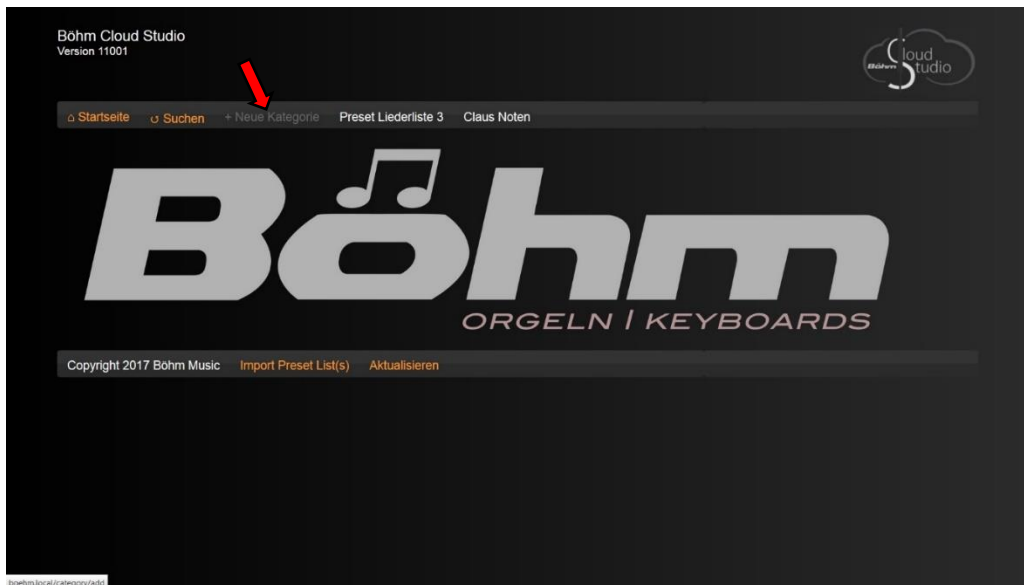
## Import new sheet music (Notes)

In the Note program you can import notes only in so called “Kategorien” (categories). On the main screen find the heading **+ new media** to import new files.

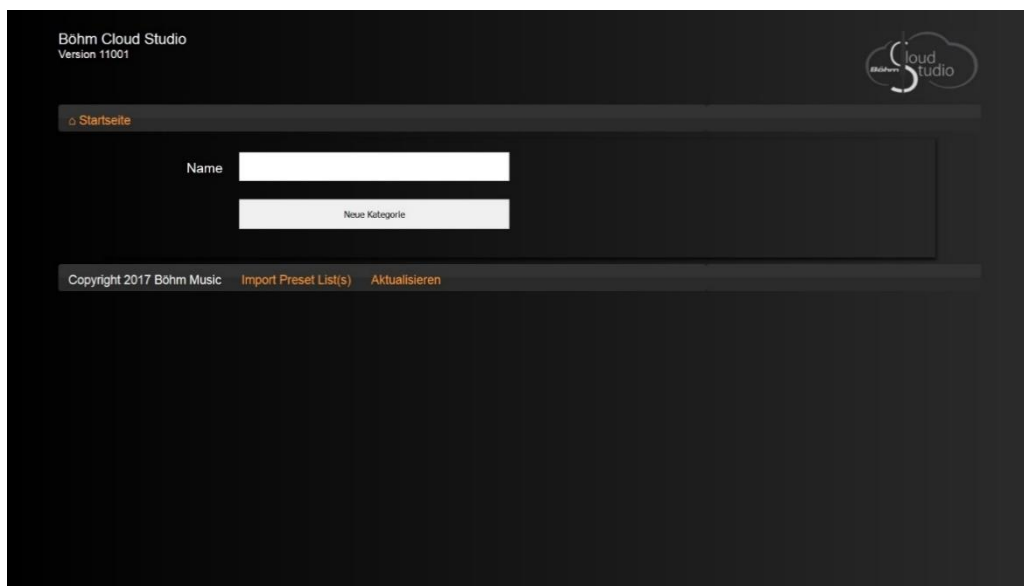
Categories are virtually folder where you e.g. put files on a sparticular theme. Factory pre-installed for Studio in the cloud is the category "preset song list 3" with some sample notes from the gradebook supplied with this preset package.

### New category setup

Here, for example, once, we establish a new category of "Eigene Noten" (“own notes”):

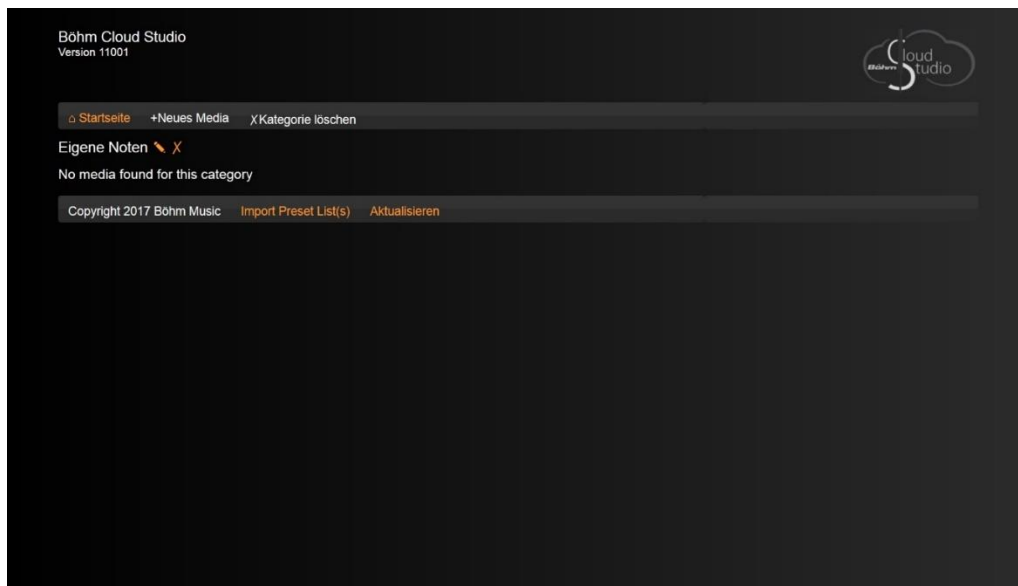


Click on the box **"+ neue Kategorie"** (+ new category).



Now enter the name for the new category name, so for example “Eigene Noten” (own notes).

Click to confirm in the new category box, this is now set:



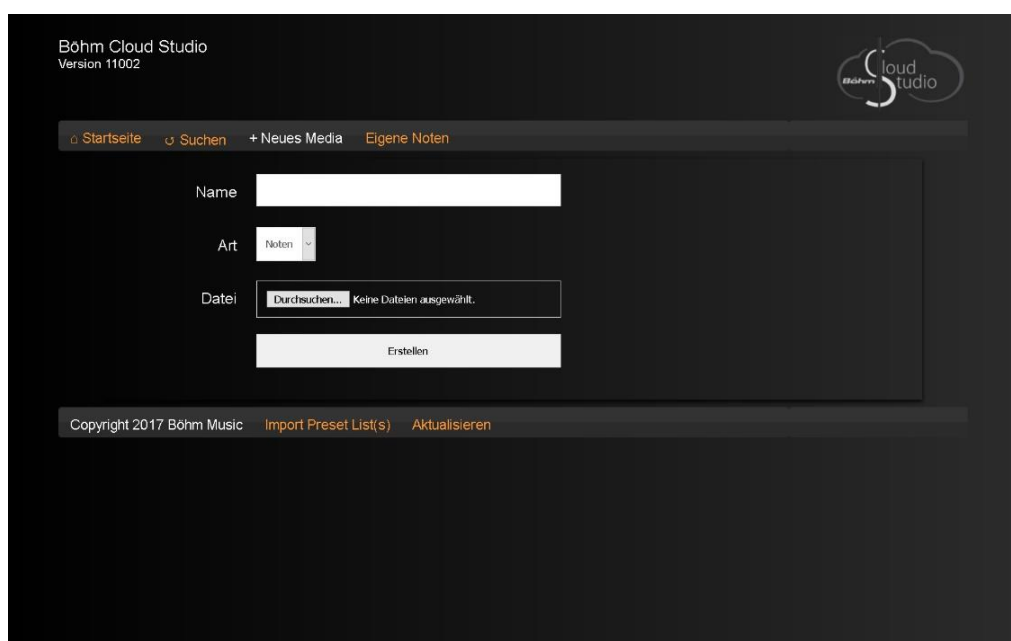
Here we are in the new category of "Eigene Noten". Still, there are no entries here, because no files to have been added to this category.

The pen symbol next to the category name allows for renaming. The name can be changed at any time and does not affect the enclosed notes.

In addition, an X - symbol can be found. The X deletes the category. CAUTION! After clicking, you will be asked: "Are you sure?". If you say here "Yes", then the entire category is deleted including your content! This also means that all the notes from this category will be lost!

### Adding notes to the category

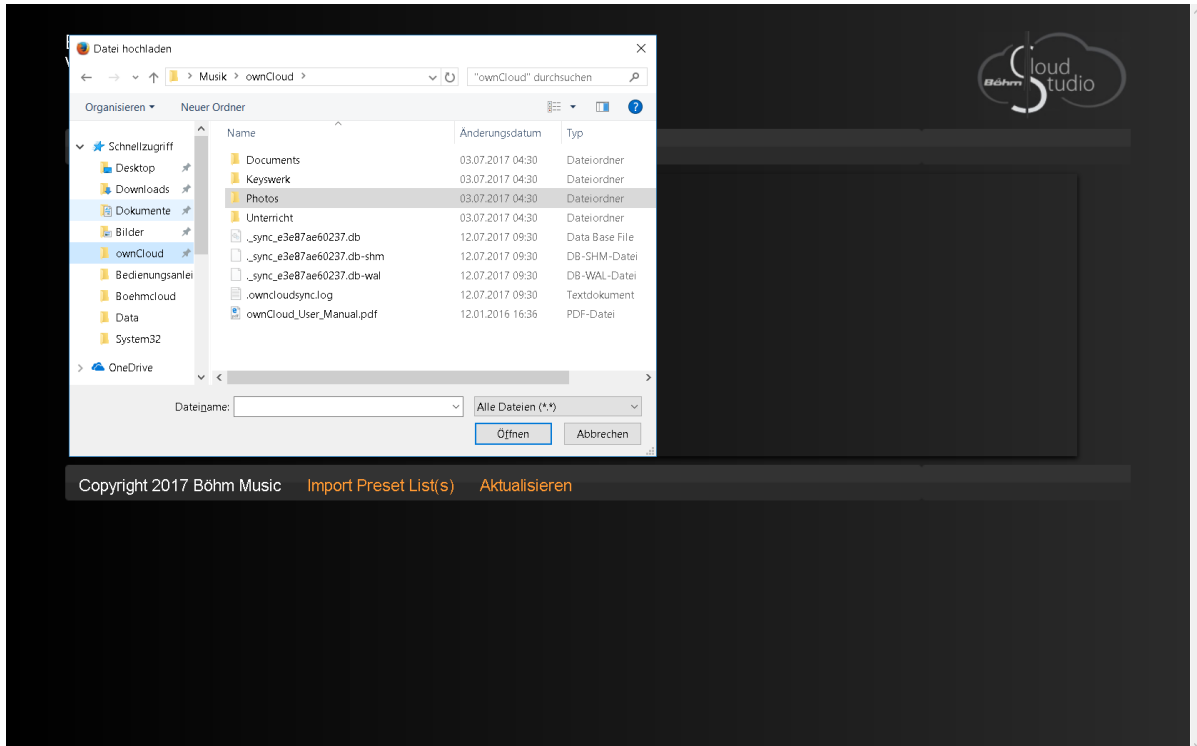
Above you will find the point "+ neues Media" (+ new media). Hereby both sheet music and videos can be imported. When you click, the following window opens:



Here you can see top center the category for which you can import new notes, in our case so "Eigene Noten"

You can assign a name for the new media file here. Then select as type "Notes" and change then click "Durchsuchen..." (browse).

The following window opens:



If you have integrated the Owncloud described earlier, find the synchronized data, if you scroll to the top on the left side and then under the item quick access-> Owncloud-> or call "Photos".

As already mentioned. must include per song a PDF file notes, which are available as PDFs (MultiPage also notes). Notes, which are available as a JPG or TIF, must, however, include your own image file per page.

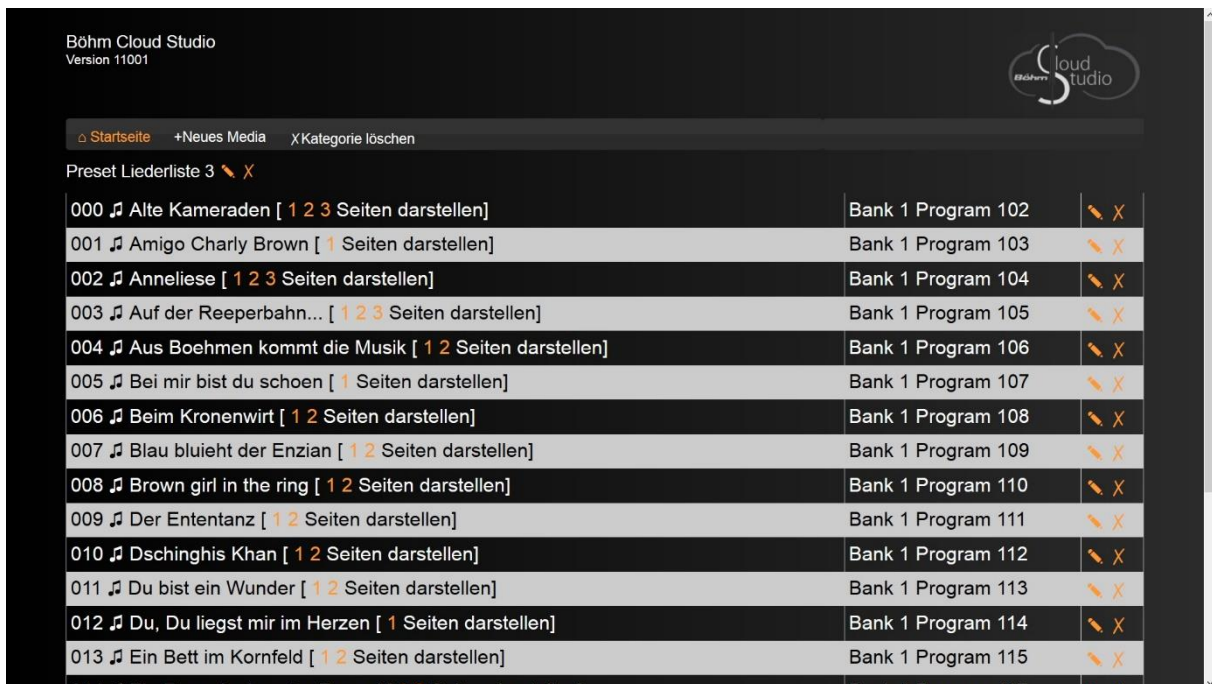
When importing such JPG or TIF files, hold down CTRL button and select each file in the desired order. Then they are placed with "Öffnen" (Open) in the system and imported with the pressure on the button "**Erstellen**" (create). A subsequent reordering is not provided. If you have lost the order, so if you delete the note file (see below) and new import the individual image pages.

When importing, the input files are assembled to the an internal common format and deposit into the local Web server of the note program. This process takes therefore a moment.



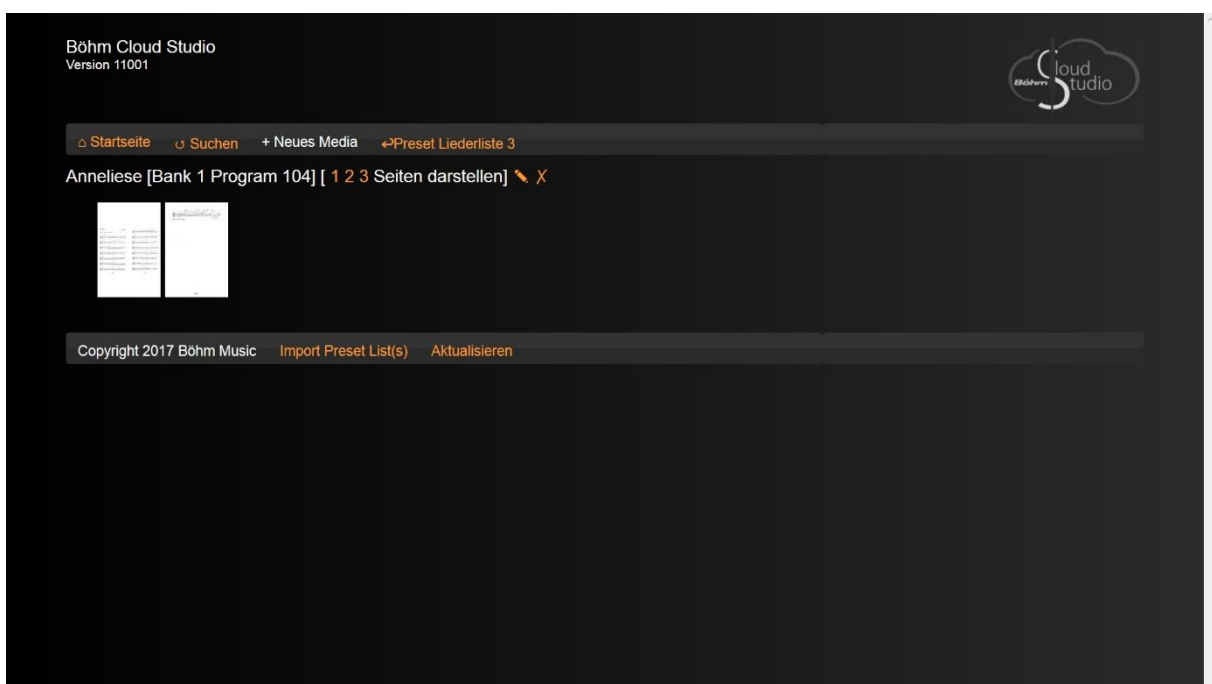
## Calling up notes manually

To call up a certain note file, tap on the home screen of the program to the desired category and then select the desired file from the list contained therein:



The in [ ] shown options "**1 2 3...Seiten darstellen**" ("show 1..2..3 pages") shows the number of pages to show at the same time. By tapping on the corresponding number you can decide how many pages of the respective note file are presented at the same time on one screen. Depending on the file selecting the 1, 2, or 3, displays either single pages, double-page spreads or 3 pages at a time. (With the appearance of multiple pages the size is of course appropriately reduced).

If you have made the selection, a corresponding preview is displayed:



Here you can by tapping the numbers 1... 2... 3... above the preview again toggle between the different display variations. The pencil icon, you can change the name of the note, with the X, you can also completely delete the note file.

Finally, to represent the notes, tap on one sheet shown in the preview. The page(s) is opened now:

The screenshot shows a digital music score for 'Anneliese'. The interface features a top grey bar with navigation icons (magnifying glass, zoom in, zoom out, close), a bottom grey bar with the music title 'Anneliese' and page numbers '156' and '157', and side arrows for page navigation. The sheet music is displayed in two columns, with various musical notations including notes, rests, and chord symbols like F, C7, and Bb.

First, you see the actual sheet music. The bottom grey bar tells you the name of the music. Initially a grey bar appears above and to the right and left an arrow.

On the top bar is possible to enlarge the view (magnifying glass icons), to shrink the notes (only after they were enlarged). The side pointing arrows will turn pages forwards or backwards (from left to right). You can close the file using the X and close the display.

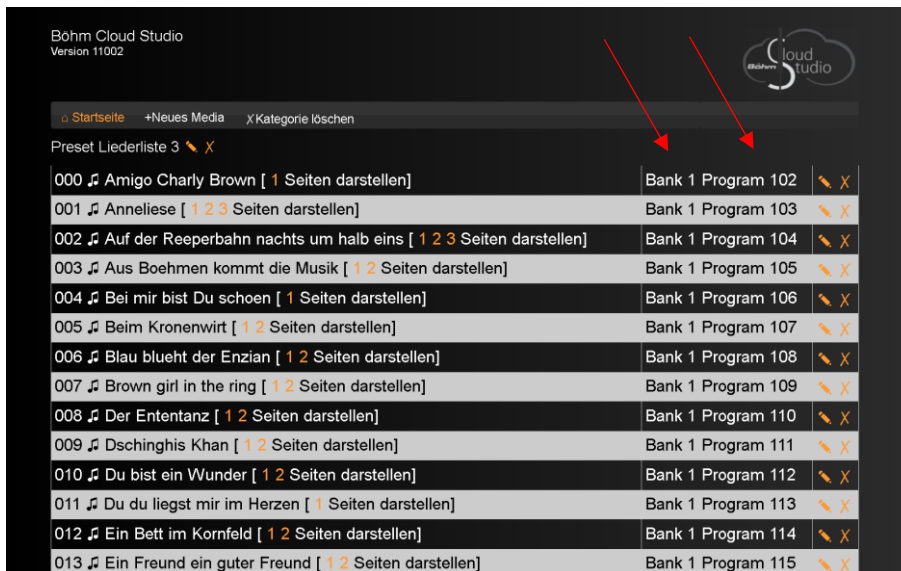
The remaining symbols make little sense in the note display, but are needed for future extensions. If the image displays without the top grey bar a short finger movement on the touch screen or a short movement of the mouse will restore it.

You can scroll with a swipe on the touch screen.

### Calling up notes about the global presets of the organ

The manual setting of notes is only one way to select note files, but it is much more convenient to link the global presets of the organ to the sheet music. The note program of the Cloud Studios reacts to bank and program informations, sent on MIDI channel 16 of the organ.

Let's go now once in the touch program again on the overview of the example category “Preset Liederliste 3”:



Here you can see the notes as you already know lists.

In the right column you find out the information you need for these notes to call them up from a preset, namely the respective MIDI Bank and program number. These will be awarded directly when importing media files natively and can be set by yourself!

To link a SONG preset (SEMPRA) or global preset to a note file, the preset has to send the bank- / program number combination to the music program on the cloud studio.

### SEMPRA

On the new SEMPRA models SE20...60 and Sinfonia 500SE/Emporio 600SE you can add the bank- and program numbers directly to the SONGS.

When storing a new SONG or editing an existing one, please type in the bank and program no. into the fields text bank and text no., when the adjacent display screen is shown and store the SONG.



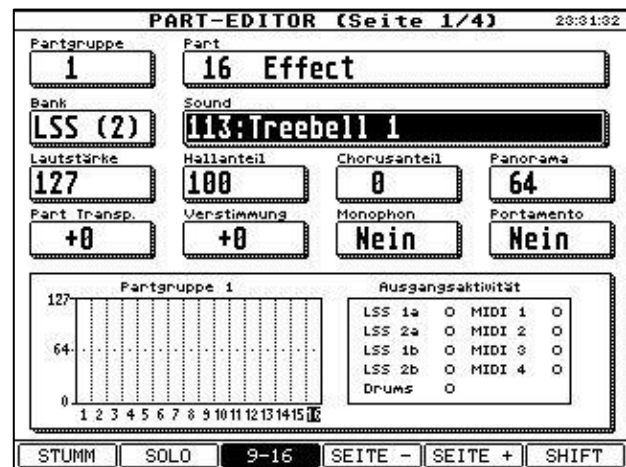
From now a call up of this SONG will also bring the corresponding sheet music onto the touch monitor of the Cloud Studio. It will be displayed in the 2 page view, if the note file consists of at least 2 pages.

#### Former models

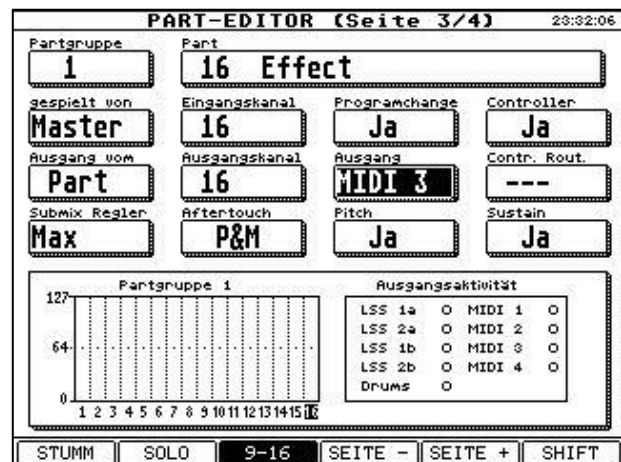
On the former models, it's necessary to configure a Part in that way, that it'll send the bank and program numbers to the cloud studio and be stored and loaded into/from the global presets:

#### Keybits/Silverbird/Overture/Starlight/250/280

The selector part of "Effects", which already uses the channel 16 is recommended for the note call for these keyboards and organs:



On page 3 of the part editor, this part must be set to the output MIDI 3 on the MIDI output, as on these models the MIDI Out 3 is connected to the cloud studio.







## Appendix: sound list Cloud Studio

**Bank 60 / CS Halion 01:**

1. Grand Piano CS
2. Vintage EP phase CS
3. Wurli amp'd CS
4. Rhodes Mk1 amp'd CS
5. Suitcase EP CS
6. Chorus Mark 1 CS
7. Chorus Suitcase CS
8. Classic FM-EP. CS
9. DX Clear Tine CS
10. Dream Mk1 phas. CS
11. Dyno Chorus EP CS
12. FM Ballad EP CS
13. Full Tine EP CS
14. Phaser Suitcase CS
15. Suitcase autopan CS
16. Suitcase xFM EP CS
17. Harpsichord rel. CS
18. Harpsich. Barock CS
19. Vibraphone CS
20. Vibraphone long CS
21. Xylophon panor. CS
22. Marimba doubl. CS
23. Glöckchen CS
24. Ambient Bell 1 CS
25. Ambient Bell 2 CS
26. 12 String acoust.CS
27. Acoust. Steel CS
28. Funk Steel Guit.CS
29. Spanish Guitar CS
30. Nylon fret. CS
31. Classic Nylon CS
32. 1Fing. Strum 120 CS
33. Edge E-Guitar CS
34. Irish E-Guitar CS
35. Lite CrunchGuit. CS
36. 12 String E-Guit.CS
37. Hard Lead Guit.CS
38. 80s Hard Guit. CS
39. Altern. Distors.CS
40. Grunge Chord Gt.CS
41. Accordion CS
42. TangoAccordionCS
43. Blues Harp CS
44. HarmonicaWest CS
45. Big Drone BassCS
46. Vintage Bass CS
47. Rock Pick.BassCS
48. Funk SlapBass CS
49. Fingered Bass CS
50. Fretless Chorus CS
51. Full Picked CS
52. HighEnd Bass 1 CS
53. HighEnd Bass 2 CS
54. HighEnd Bass 3 CS
55. Upright Bass CS
56. Stud.Bass fing. CS
57. RockBass picked CS
58. ModernBass fing.CS
59. Slap Bass CS
60. Stud.Bass fing. CS
61. Vintage Picked CS
62. Ensemble-Strings CS
63. Violins Combi CS
64. Violins legat.CS
65. Violas Spiccato CS
66. Violas legat. CS
67. Violas leg.soft CS
68. Viol.Celli swell CS
69. Viol.Celli leg. CS
70. Viol.Celli okt.v.CS
71. Viol.Celli unis. CS
72. Strings legato CS
73. Orchestra StringsCS
74. Filmscore StringsCS
75. Pizzicato StringsCS
76. Tremolo Strings CS
77. Warm Strings CS
78. Accent Strings CS
79. Drama Strings CS
80. String.lg/trm md.CS
81. Majest.Strings CS
82. Violin solo CS
83. Viola solo CS
84. French Horns CS
85. Big Brass Sect. CS
86. Flugelhorn Sect.CS
87. Muted Trp. Sect. CS
88. Trombone Sect. CS
89. Trumpet Sect. CS
90. Brass swell Sfz.CS
91. Brass veloc.fall CS
92. 80s SynBrass CS
93. Hybrid Brass CS
94. Pop Brass CS
95. Section fall lng.CS
96. Section fall shrtCS
97. Trump.Sect.shake CS
98. Fluglh+Trp.Sct. CS
99. Trumpets sharp CS
100. Mexico Trumpets CS
101. Slow Brass Sect.CS
102. Soft Brass Sect.CS
103. Fluegelhorn CS
104. Miles Trumpet CS
105. Trombone dyn. CS
106. Trombone vibrato CS
107. Trombone fall CS
108. Trombone shakeCS
109. Trumpet muted CS
110. Trumpet dyn. CS
111. Trumpet vibrato CS
112. Trumpet falls CS
113. Trumpet shake CS
114. Panflute dyn. CS
115. Flute VSL CS
116. Ethnic Flute CS
117. Clarinet CS
118. Bass Clarinet CS
119. Oboe CS
120. Bassoon CS
121. Ensembl.Woodwind CS
122. Ney Flute Air CS
123. Turkish Ney CS
124. Yoko CS
125. Zhonghu Harm. CS
126. Enigma Shaku CS
127. Mandolins+String.CS
128. No Sound CS
4. Sopran Sax CS
5. Tenor Sax CS
6. Warm Sax Ens. CS
7. Sopran Sax mod.CS
8. Tenor Growl mod.CS
9. Tenor Sax str. CS
10. Tenor Sax vibrat.CS
11. Tenor Sax fall CS
12. Tenor fall shrt.CS
13. Alt Sax Touch CS
14. Baritone Touch CS
15. Sopr.Sax Touch CS
16. TenorSax Touch CS
17. Alt Sax Sect. CS
18. BigBand Alt-Sect.CS
19. BigBand Bariton CS
20. Bigband.Sopr.Sec.CS
21. Bigband.TenorSc.CS
22. Big Sax Section CS
23. Ahh Choir CS
24. Ahh-Ooh modulat. CS
25. Mmmh Choir CS
26. SynthChoir phase CS
27. Sacral Choir CS
28. Space Choir CS
29. Choir Glow-Pad CS
30. Engulfed Choir CS
31. Floating Choir CS
32. GranularVox mod.CS
33. Nativity Choir CS
34. New Age Choir CS
35. Oohm SyntChoir CS
36. Futurist.Choir CS
37. Soft Choir Pad CS
38. SynthChoir Pad1 CS
39. SynthChoir Pad2 CS
40. Space Voxx CS
41. Spacy Choir CS
42. Seraphim CS
43. Flutes Sadness CS
44. Ocarina Pad CS
45. Dulcimer CS
46. Pan Flute Air CS
47. Pan Flute solo CS
48. Shakuhachi Air CS
49. Turk. Ney Air CS
50. Amped Metal.Guit.CS
51. Heavy Rock Guit. CS
52. PedalSteel Guit. CS
53. VooDoo Guitar CS
54. J-Clean Guitar CS
55. CP80 Amped CS
56. CP80 Chorus CS
57. CP80 Dreamy CS
58. Piano WavStack CS
59. Honky-Tonk CS
60. Piano padded CS
61. Phat Leader CS
62. Shimmering Sqare CS
63. Cool Wheel modul.CS
64. Pizzic.Arpegg.120CS
65. RomanticStory 120CS
66. QuanticEchoes 120CS
67. Triangl.Whistle CS
68. Triangle Lead CS
69. Twin Flange-Saw CS
70. Virtual Square CS
71. Whiney Flut.Ld.CS

**Bank 61 / CS Halion 02:**

1. Alto Sax solo CS
2. Alto Sax Growl CS
3. Baritone Sax CS

72. Sync Lead 1 CS
73. Sync Lead 2 CS
74. Sync Flyer CS
75. Syndown CS
76. Techno MiniMoog CS
77. Theramin-ic CS
78. Three Saw Lead CS
79. Thrilling CS
80. Toothles Tiger CS
81. Raving Saw CS
82. Pitchy Sine CS
83. Phenomenon CS
84. Odyssey Saw CS
85. Monophon Cream CS
86. Mini 1Osc.Saw CS
87. Lake Of Tears CS
88. DJ Keys CS
89. DJ X CS
90. DJ Keys 2 CS
91. Class.Trance-Ld.CS
92. Classic Saw Solo CS
93. Bright Mini Lead CS
94. Bright PopBell CS
95. ArpeggioClass.120CS
96. ArpeggioSquar.120CS
97. Arp-egg. dn/up120CS
98. Arp-eggio rnd120CS
99. Arp-egg Attack120CS
100. Dazed Fireflies CS
101. Deep Phas.Arp.120CS
102. DigiVc.Seq. 90CS
103. Dual Dimension120CS
104. Electr.Impact 120CS
105. Fate Of Art 120CS
106. TranceMach. 120CS
107. Gentle Freq.120CS
108. Layer Silict.120CS
109. Magnetic Air 120CS
110. Concert Strings CS
111. Majestic Brass CS
112. Octave Brass CS
113. Strings & Winds CS
114. Cello Solo CS
115. French Akkordeon CS
116. Grand Akkordeon CS
117. Tango Akkordeon2CS
118. Tango Akkordeon3CS
119. Akkordeon Duo CS
120. Sax & Brass CS
121. Brass + Doits CS
122. African Synbrass CS
123. Basic Brass CS
124. Brassy Saws CS
125. Bright SawBrass CS
126. Expr. Syn-Brass CS
127. Matrix Brass CS
128. No Sound CS

**Bank 62 / CS Halion 03:**

1. FL-Perussion CS
2. Atlantis Whisper CS
3. Atlantis full CS
4. Beta Klick CS
5. Galaxis full CS
6. CD Sinus CS
7. CD Sinus chorus CS
8. D50 Stack CS
9. Bell Synth CS
10. Galaxy Pad CS
11. Fairlight CS
12. Galaxis Dream CS
13. Kryptonic CS

14. Cheapy Wheels CS
15. Cheesy Perc. CS
16. Classic JazzOrganCS
17. Club Organ CS
18. Schweine-Orgel CS
19. Drawbar Clarinet CS
20. Drawbar Trumpet CS
21. Drawbar Strings CS
22. Full Vibrato CS
23. Full Tabs vibr. CS
24. Funky Organ CS
25. Gospel Organ CS
26. Great History CS
27. Jazz Perc. CS
28. Loud Perc. CS
29. Octave Flutes CS
30. Pale Shade CS
31. Poly Percussion CS
32. Soft Flutes CS
33. Spheric Organ CS
34. Oscill.Organ PadCS
35. Sunday Soul CS
36. TW 70` Progress.CS
37. TW Sweet Curve CS
38. Vox Fade Away CS
39. Vox First&Last CS
40. Vox Amped CS
41. Vox Full CS
42. Vox mellow vib.CS
43. Super Combo CS
44. Phas.-Organ. mod.CS
45. 70` Perc.Organ CS
46. Chapel Organ 1 CS
47. Chapel Organ 2 CS
48. Chapel Organ 3 CS
49. BigBand Brass CS
50. Hawaii Guitar CS
51. Classic Flute CS
52. Female SoloVoice CS
53. Male SoloVoice CS
54. Big PWMStrings CS
55. Warm Sweep Pad CS
56. Ahh Saw Pad CS
57. Air Arp.Pad CS
58. Analog Chorus PadCS
59. Big Octave Pad CS
60. Big Epic Pad CS
61. BR+LP Strings CS
62. Broken Pad CS
63. Broken Glass CS
64. Cloudy Tuesday CS
65. DancePower Pad CS
66. Deep Phase Swell CS
67. Bandpass Sweep CS
68. Electr. Strings CS
69. Living SyncPad CS
70. Further Split CS
71. Gentle Pad CS
72. Monster Pad CS
73. Phaser Strings CS
74. Polaris Pad CS
75. Poly Saw Lead CS
76. Prophetic Pad CS
77. Purple Satin CS
78. Raw Pad CS
79. Running Blades CS
80. Silk Pad CS
81. Smooth PhasePad CS
82. Soft EnsemblePad CS
83. Ambient Pad CS
84. Sonic Mood CS
85. Square Pad CS
86. Staple Pad CS

87. Sweepy Atmo CS
88. Swell Pad CS
89. Sun goes Down CS
90. Unison PhasePad CS
91. Warm Soft Pad CS
92. Wide PWM Pad CS
93. Sine-Octave Pad CS
94. Wide Triangl.Pad CS
95. Troposphere CS
96. AcidRain Arp.120CS
97. Ganymed Pad CS
98. Glissando Up CS
99. Syn-Harmonium CS
100. Time Lapse CS
101. Twine CS
102. ResoSaw Rhythm120CS
103. Sqr.LF-Groov1 120CS
104. SqrLF-Groov2 120CS
105. Rand.LFO Groov120CS
106. Isle of Harmonic CS
107. Monster-Pump. 120CS
108. Gated Pad Poly120CS
109. Gated Pad PWM 120CS
110. Gated Pad Tech120CS
111. Mystic Arpegg.120CS
112. PWMTrance Arp120CS
113. Step Disco 120CS
114. StepMod Rate 120CS
115. StepMod SQ03 120CS
116. SonicDancer 120CS
117. Clas.Attck Arp120CS
118. Clas.Saw Arp.120CS
119. Bosonic Arp.120CS
120. Babeltower 120CS
121. DeepHous.Flex 120CS
122. CP80 Ambient CS

**Bank 63 / CS Halion 04:**

1. Barock Ens. mod.CS
2. Silky Strings CS
3. Concert Strings CS
4. Medium Strings CS
5. Cathedral StringsCS
6. Ensemble Tutti CS
7. Ensemble Legato CS
8. PizzikatoEnsembl.CS
9. Violins leg.sft. CS
10. Viola Solo CS
11. Violin Solo CS
12. Oboe Solo CS
13. Engl.Horn Solo CS
14. Holzblas-Ensembl.CS
15. Cymbal small CS
16. Cymbal large CS
17. Patti A Due 1 CS
18. Patti A Due 2 CS
19. Tambourine Hit CS
20. Timpani CS
21. Timpani Roll CS
22. Orchestr.Percuss.CS
23. African Perc. CS
24. Brazil. Perc. CS
25. Trumpet Ens.Vien.CS
26. Trumpet Vienna CS
27. BrassFlute Ens. CS
28. French Horn Ens.CS
29. Tenorhorn Solo CS
30. Trumpet Staccato CS
31. Trump.Tromb.TuttiCS
32. Choir Aah slow CS
33. Choir Aah 2 CS
34. Ant's Choral CS



35. Choir Mix. sust.CS
  36. Choir Male CS
  37. Choir Female CS
  38. Celtic Harp CS
  39. Strasser Diskant CS
  40. Steirisch.Diaton.CS
  41. Hohner 3chörig CS
  42. Akkordeon Master CS
  43. Akkordeon Organ CS
  44. Akkordeon Violin CS
  45. Zupan Chromat. CS
  46. Zupan Diaton. CS
  47. Musette 1 CS
  48. Mundharm. vibrat.CS
  49. Ovation picked CS
  50. Ant`s Clean Guit.CS
  51. Clean Muted Guit.CS
  52. 12 String Guitar CS
  53. Steel Guitar CS
  54. Steel picked CS
  55. Piccolo CS
  56. OboeViolin Pad.CS
  57. OboeViolinFlut.CS
  58. Flute vibrato CS
  59. Recorder Air CS
  60. Violins slow CS
  61. Strings sft. CS
  62. Strings sft.sust.CS
  63. Strings staccato CS
  64. Strings vibrato CS
  65. Celli Ensemble CS
  66. Celli sustain CS
  67. Celli-Viol.Pad CS
  68. Basses-Celli CS
  69. Violin bow down CS
  70. Violin bow up CS
  71. SY99 Vector del.CS
  72. Alpin Dreams CS
  73. DX7 Strato. chor.CS
  74. HX Organ mod.CS
  75. Bariton CS
  76. SynChoir sustain CS
  77. Light Flooded CS
  78. Tangram Pad CS
  79. Flugelhorn vibr. CS
  80. Flug.Trump. Sect.CS
  81. Trp.Tromb. Sect.CS
  82. Tromb. mut.Sect.CS
  83. LFO PumpPad 120CS
  84. Mystery SynStrng.CS
  85. Final Score CS
  86. Vel. SynStrings CS
  87. Vintage Ensemble CS
  88. Lush Hybrid-Str.CS
  89. Nylon+Choir CS
  90. Nylon+Pad CS
  91. 4th Dimension 120CS
  92. Golden Fields 120CS
  93. Layer Silicte.120CS
  94. Rain Arpegg. 120CS
  95. ThinPoly Arp.120CS
  96. ClassicStep 120CS
  97. No Sound CS
- Bank 64 / CS Halion 05:**
1. Allegretto CS
  2. Arco CS
  3. Cello in Cocert CS
  4. Choppy Cello CS
  5. Esplanade CS
  6. Express Yourself CS
  7. Full 2 Tremolo CS
  8. Full of Feelings CS
  9. Golden Days CS
  10. Heartbreaker CS
  11. Kindhearted CS
  12. Violin liv. solo CS
  13. Lonely Maestro CS
  14. String Live Song CS
  15. Magic Rosin CS
  16. Melodram.Strings CS
  17. Melanch. Octaves CS
  18. Passionat.StringsCS
  19. Sand Dunes CS
  20. Shadow Lands CS
  21. Pizzik.Spacios CS
  22. Surrealism CS
  23. Trichestral CS
  24. Violin Case CS
  25. Winter Tale CS
  26. Magnificant Str. CS
  27. Soundtrack Ens. CS
  28. 70s TV ShowBrass CS
  29. Burn. AnalogKeys CS
  30. Wrapp.KeyStrings CS
  31. Electric Strings CS
  32. Hybr.String-Ens.CS
  33. Hybr.StringMachn.CS
  34. Space Orchestra CS
  35. Hybr.Spheres1-072CS
  36. Hybr.Spheres2-072CS
  37. Hybr.Spheres3-072CS
  38. Hybr.Spheres4-072CS
  39. Mey Trance Pad CS
  40. Morning Air CS
  41. Predictor CS
  42. RetroFutur.Choir CS
  43. Tenderness CS
  44. Amazon Beat 112CS
  45. Ambien.Comb.1-072CS
  46. Ambien.Comb.2-072CS
  47. Ambien.Comb.3-072CS
  48. Ambien.Comb.4-072CS
  49. Belafon Box 112CS
  50. BoomSpace Ens.112CS
  51. Bottle Beats 112CS
  52. Chillout 1-072 CS
  53. Chillout 2-072 CS
  54. Chillout 3-072 CS
  55. Chillout 4-072 CS
  56. Chillout 5-072 CS
  57. Chillout 6-072 CS
  58. Dance Combi 1\_130CS
  59. Dance Combi 2\_130CS
  60. Dance Combi 3\_130CS
  61. Dance Combi 4\_130CS
  62. Dance Combi 5\_130CS
  63. Dance Combi 6\_130CS
  64. Dance Combi 7\_130CS
  65. Dance Combi 8-130CS
  66. Electronic 01-090CS
  67. Electronic 02-090CS
  68. Electronic 03-090CS
  69. Electronic 04-090CS
  70. Ethno FireCLub120CS
  71. Horizons 120CS
  72. Organ Perf. 112CS
  73. After Work 130CS
  74. Big Wall 124CS
  75. Car Driver 130CS
  76. Cool X 124CS
  77. Dream Arp 080CS
  78. Evening Chill 075CS
  79. Ghost Rider 130CS
  80. Gibberish 130CS
  81. Glitchy Bob 124CS
  82. Good Times 130CS
  83. Playground 130CS
  84. SawPump.rise 130CS
  85. Skinny 120CS
  86. Sky Choir CS
  87. St. Peters Choir CS
  88. Timeless Choirs CS
  89. Brite CineStringsCS
  90. Drama Strings CS
  91. SpaceString Orch.CS
  92. ArcLight CS
  93. Breathy Airpad CS
  94. Brit.AmbientPad CS
  95. Dreamy Pad CS
  96. Filmscaper CS
  97. Horizon CS
  98. Mpooon Dream CS
  99. String Voices CS
  100. Visions CS
  101. Elegy CS
  102. Pad Stop CS
  103. Passageway CS
  104. Action Section CS
  105. Dynamic Section CS
  106. Hammer Horns CS
  107. Things may ChangeCS
  108. Puppet Show CS
  109. Class.Disco 1-120CS
  110. Class.Disco 2-120CS
  111. DeepHouse 1-120CS
  112. DeepHouse 2-120CS
  113. DubStep 1-120CS
  114. DubStep 2-120CS
  115. Electro80s 1-120CS
  116. Electro80s 2-120CS
  117. Electro80s 3-120CS
  118. ElectroBeat 1-120CS
  119. ElectroBeat 2-125CS
  120. ChartPop 1-115CS
  121. ChartPop 2-115CS
  122. ChartPop 3-130CS
  123. ChartPop 4-128CS
  124. ChartPop 5-128CS
  125. ChartPop 6-120CS
  126. ChartPop 7-125CS
  127. ChartPop 8-125CS
- Bank 68 / CS Hauptwerk:**
1. Hauptwerk SW CS
  2. Hauptwerk HW CS
  3. Hauptwerk Ped CS
  4. Hauptwerk Pos CS
- Bank 69 / CS The Grand:**
1. Concert Grand CS



## **BÖHM organs**

Keyswerk Musikelektronik GmbH

Warbersche Str. 32

31675 Bückeburg

Tel.: +49 5722 905088

Mail: [info@boehm-orgeln.de](mailto:info@boehm-orgeln.de)

