YAMAHA

CP88 ESSENTIAL KNOWLEDGE

INFORMATION GUIDE FOR CP88 AND CP73 STAGE PIANOS

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CP88
CP73
STAGE PIANOS

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CP88
CP73
STAGE PIANOS

With the CP88 and CP73, Yamaha has created two stage pianos aimed at the live musician - easy to carry, easy to use, and easily an outstanding sound.

"CP" is Yamaha's acronym for Combo Piano. The history of this instrument category began back in 1976 when the focus was on the "electrification" of a classic grand piano. The aim was to make it literally easier to transport than the original, but above all to have permanently installed pickups for easier amplification in live situations.

Since sound generation based on samples has become possible, transport and amplification are no longer a real challenge. The new CP series from Yamaha provides an answer to the question of what standards are set for a Stage Piano today!

Powered by over 100 years of piano craftsmanship and 45 years of synthesizer innovation, the CP88 and CP73 stage pianos boast authentic acoustic and electric piano sound, realistic piano touch and an intuitive one-to-one user interface.

For the gigging keyboardist, CP73 features a newly designed 73-key "E-to-E" (like bass and guitar) balanced action for playing a wide variety of keyboard and synth sounds.

CP88 is for the discerning pianist needing fast, accurate touch response. The triple sensor, natural wood keys provide grand piano weight and response while synthetic ebony and ivory keytops provide tactile grip during extended playing sessions.

THE MAIN FEATURES OF THE CP88/CP73

- *High quality keyboards*
  CP88: 88-key NW-GH (Natural Wood Graded Hammer) keyboard:
  synthetic ebony and ivory key tops
  CP73: Newly designed 73-key BHS Keyboard (E1-E7) (Balanced Hammer Standard):
  matte black keytops
- *AWM2 tone generator, 128-voice polyphony*
  160 Live Set sounds (80 User / 80 overwritable Presets)
  57 Voices:
  10 Pianos
  14 E-Pianos
  33 Sub Voices from different categories (strings, organs, pads, synths...)
- *Graphical LC display (128 x 64 pixels)*
- *Balanced XLR Outputs*
- *Audio Input*
- *USB MIDI/Audio Interface*

HIGHLIGHTS OF THE CP88/CP73

- *Top sounds in outstanding sound quality*
- *A completely new user interface*
- *Intuitive operation*
- *Seamless Sound Switching (SSS)*
- *One Knob settings*
- *Transport friendly*

SOUNDS

YAMAHA PREMIUM GRAND PIANOS

CP88 and CP73 feature three premium concert grand pianos: the Yamaha CFX and S700 and the Bösendorfer Imperial 290. These pianos provide full dynamic expression and nuance through meticulous recording and voicing.

CFX

With over 17 years of development, the Yamaha CFX is flagship 9′ concert grand piano. The CFX offers sparkling highs, powerful bass with incredible dynamic range and the strength to project over a full symphony orchestra.

BÖSENDORFER

Bösendorfer is unique amongst piano makers as the only manufacturer in the world still utilizing the Viennese handcrafted design tradition. This produces warm bass, singing treble and rich tonal colors known as the "Viennese Sound".

The 9.5′ 8-octave Imperial 290 is the flagship of Bösendorfer grand piano. The extended bass notes resonate with every key you strike, and the massive soundboard supports projection at all frequencies.

S700

The S700 is a handcrafted acoustic grand piano built by Yamaha master artisans. It has the power to cut through dense arrangements while remaining delicate and expressive in solo and sparse settings. The S700 was one of the most popular grand piano Voices from the S90ES Stage Synthesizer and MOTIF ES Music Production Synthesizer.

YAMAHA UPRIGHT PIANO

U1

The U1 is one of the most popular acoustic pianos in the world. The CP88 and CP73 U1 Voice was produced with a vintage, well-used character. This makes it perfect for any music needing the vibe and sound of an authentic upright piano.

SU7

The SU7 is the flagship Yamaha acoustic upright piano. The SU7 delivers rich, resonant tone from shared CFX concert grand hammer specification.

ELECTRIC PIANOS & KEYBOARDS

YAMAHA CP80

Yamaha introduced the CP80 and CP70 electric grand pianos in 1978 to give musicians great grand piano sound that could cut through a live band. The CP80 sound on the CP88 and CP73 is powerful and fat with wide, dynamic range.

76 RD

The 76 Rd tine electric piano has wide dynamic range, high quality and is great for FX. Suitable for all genres of music.

75 RD

75 Rd has a dirtier, "funkier" tine electric piano sound, great for music requiring vibe and character.

73 RD

73 Rd has a vintage, fat and warm tine electric piano sound perfect for ballads and accompanying singers.

WR

The Wr reed electric piano Voice offers vintage and modern versions with wide dynamic range.

ORGANS, CLAVI AND KEYBOARDS

CP88 and CP73 also feature a wide range of other keyboard sounds including: tonewheel, transistor and pipe organs plus clavi, FM pianos and more to cover any playing situation.

EXPANDABILITY

Out of the box, CP88 and CP73 feature ultra-realistic piano and keyboard-related content, everything needed for the gigging keyboardist and discerning pianist. Taking the needs of the modern musician in mind, CP features a new updating system.

For the first time, there will be regular Operating System Updates for the new CP series, which, in addition to the obligatory bug fixes and additional features, will contain new high-quality content in the form of sounds with their associated Waveforms. This new Update System guarantees an extremely high standard of quality. Carefully selected Samples as well as programming according to the respective Section will gradually complement the original content.

The first additional content pack is available with CP OS v1.1 here. This update contains a new vintage and modern 1967 tine electric piano, a new "character-rich" reed electric piano and a classic Yamaha C7 grand piano: one of the most recorded pianos in the world.

SYNTHS, STRINGS AND MORE

CP88 and CP73 feature synth sounds for covering any gig or session. Split, layer or solo warm pads, lush strings, deep synth basses, synth leads, brass and more. The one to one CP control interface allows real-time interaction for instant sound creation.

L R
SPLIT

FIRST STEPS

The new operating concept allows a very quick start. A look into the manual is not necessary for the first step.

The left side of the user interface contains the Main Volume knob, the LC display (128 x 64 pixels) and below that a multi-functional keypad, which is normally used to call up the programmed Live Sets.

After switching on, the instrument is ready to play in this Live Set mode and the first Preset Live Set is active. Pressing one of the other eight Live Set buttons (1 - 8) will recall the corresponding Preset. The Live Set Page is selected with the [PAGE] +/- buttons.

In addition to accessing Live Sets, the keypad provides various settings, save operations, and some additional functions that I will discuss in detail later.

The controls of the tone generation occupy most of the control panel and are divided into three sections. Each of these sections controls specific Voice categories.

All sections of the tone generator have an on/off switch. This means that a simple flick of the switch activates the respective section, and an LED located directly next to it immediately indicates whether the section is active or not.

The Effect and Master EQ controls are located to the right of the tone generation area.

All parameters are adjustable via buttons, switches, and rotary knobs. None of the parameters require a menu to be called up or an edit mode to be switched. However, for all knobs, the display gives feedback on the exact value that has been set. This means that intuitive and fast operation is not at the expense of accuracy when it is needed.

QUICK START

As already mentioned, you don't need to look into the manual to immediately have fun with the CP88 and CP73. Playing, switching, pressing, turning... you hear and see immediately what happens. Even saving a setting that you may have reached by chance is very simple.

If you want to follow the example below, either turn the instrument on or - if it was already on - turn it off and on again. This way we have a common starting point.

After switching on, the Live Set "1-1." is active, which offers the CFX Grand Piano completely solo. To do this, the Reverb is switched on, but no further tone generation.

- *Now press the "ON/OFF" button of the "Sub" section*

The first Voice of the Sub section - "Mellow Pad" - is immediately active. It is also shown on the display accordingly.

- *Use "VOLUME" to adjust the volume of the Sub section to your taste*
- *Use the "TONE" knob to change the sound of the pad*
- *Set "ATTACK" and "RELEASE" that it fits your playing style*
- *Try adding an Insert Effect using the "ON/OFF" button*
- *Adjust the Effect settings using the "DEPTH" and "SPEED" knobs*

If you want to try out the saving process - for the start without assigning a name:

- *Press [STORE]*
- *Turn the encoder wheel clockwise until you reach "11-1. Init Sound"*
- *Press the encoder wheel, which corresponds to the [ENTER] function*

There is no query like "Are you sure?", your creation is saved directly.

Attention: Even the Presets can be overwritten with user variants!

LIVE SETS

Almost all possible instrument settings can be stored in a Live Set. The total memory contains 160 Live Sets, the first 80 of which are assigned to Presets that can be overwritten if necessary.

The Live Sets are recalled via the small button matrix 1...8, the 20 available Pages are selected via [PAGE] +/-. An alternative option is scrolling with the encoder wheel. Press it to confirm the selection.

Live Sets can also be selected via MIDI (USB) via MSB/LSB/PRG Changes or by using a connected footswitch (e.g. FC5) to select the next Live Set in a given direction.

The name change for a new or edited Live Set must be done before saving.

The following steps are required:

- *Press the [SETTINGS] button*
- *Select "Name" with the Encoder Wheel*
- *Confirm with [ENTER]*
- *Change the name using the encoder wheel and the Live Set buttons 1...4 or 5, 7 and 8 respectively*

The display shows an unmistakable assignment of the buttons and their functions.

- *Finally press [ENTER]*

The [STORE] button is used to save the current settings directly to the memory location selected via the encoder wheel without prompting. Without selecting an alternative memory location, the currently selected Live Set will be overwritten directly.

Tip: The destination memory you selected with the wheel is not only displayed, but the corresponding Live Set can also be played. This gives you the option of checking to prevent accidental overwriting.

ESSENTIAL KNOWLEDGE

TONE GENERATION

The tone generation in the CP88 and CP73 is divided into three sections. Each of these sections contains sounds from a main category as well as various sub-categories.

- *Piano*
  - > *Grand Piano*
  - > *Upright Piano*
  - > *CP*
  - > *Layered Piano*
- *E.Piano*
  - > *Rd*
  - > *Wr*
  - > *Clv*
  - > *DX*
- *Sub*
  - > *Pad/Strings*
  - > *Organ*
  - > *Chromatic Perc.*
  - > *Others*

All sections have a similar arrangement of controls, which varies slightly depending on the type. A switch (in classic toggle switch optic) (A) below each section serves as an on/off switch. The main categories are selected with a rotary switch (1). A button with accentuated colour (2) arranged next to it is used to select the sub-categories, the corresponding number is shown in the display above. Below the rotary switch, there are buttons for splitting the keyboard (3) and for shifting the octave position (4) of the section. Below this are the two knobs for "Volume" (5) and "Tone" (6).

All control elements that are directly associated with the tone generation have a deep black background.

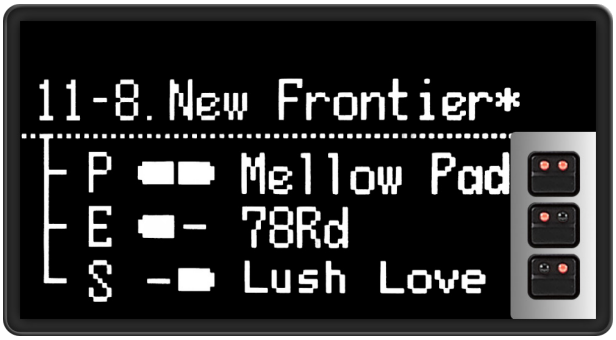
A special feature is the "Tone" encoder. Here, two EQ parameters are controlled as "One Knob Setting". Starting from a neutral middle position, a clockwise turn can be used to raise treble and bass together, and a counterclockwise turn to decrease them.

SPLIT

This button is used to split the keyboard for the selected section at the standard Split Point "G2". Two LEDs in the button and an unmistakable graphic in the display indicate the position to the left or right of the Split Point.

Press the [SPLIT POINT] button (below [STORE]) to change the setting. This can be done both by using the encoder and by playing the desired key on the keyboard.

Note: Since the split function only applies to one section at a time, the sound of another active section may still be audible in the inactive split range.



PRACTICAL EXAMPLE:

- *Select the Preset Live Set "1-1. Natural CFX".*
- *In the Piano section press [SPLIT] twice (the LED under "R" will light)*
- *Switch on the Sub section*
- *In the Sub section press [SPLIT] once (the LED under "L" lights up)*
- *Use the [SPLIT POINT] button to move the Split Point as desired*

Starting from the Split Point, the piano is assigned to the right Zone and the pad (Sub) to the left Zone.

However, not necessarily in a conveniently playable version. The [OCTAVE] buttons can be used to move the octave positions of the sections as desired.

Practical example continued:

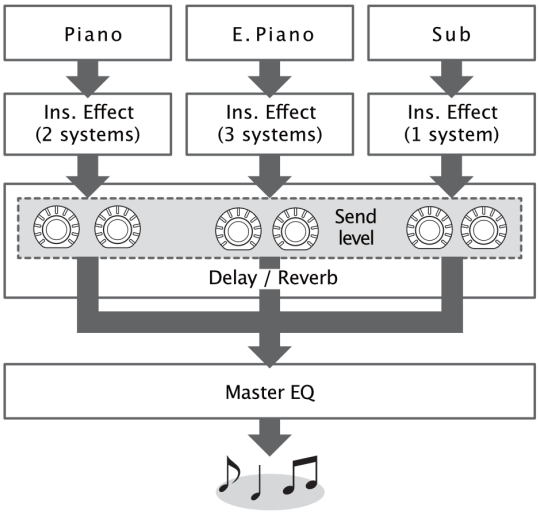
- *Press [OCTAVE / +1 | +2] twice for Sub, so that the LED under "+2" lights up*
- *Press [OCTAVE / -1 | -2] once for Piano so that the LED under "-1" lights up*

This would be a suitable variant for the CP88. If necessary, change the parameters at the CP73.

SOUND SHAPING (EFFECTS)

The entire Effect chain begins with the Insert Effects assigned to the respective tone generation sections. The sum of the tone generation then goes through two System Effects (Delay, Reverb), and a Master EQ.

Note: The Master EQ is not stored with the Live Sets, but allows global adjustment of the sound to different conditions. One possible application would be to connect the CP directly to a pair of active speakers without using a mixer. The Master EQ works with fixed frequencies for treble and bass as well as parametric mids and can be set separately.



INSERT EFFECTS

Each of the tone generators has a dedicated Insert Effect configuration. Depending on the respective Voice category, appropriate Insert Effects and associated parameters were arranged in the non-black area of each section. As with the tone generation, the operation and setting is extremely simple and intuitive.

Each Insert Effect has a button [ON/OFF] (1) and ("Damper Resonance" excluded) a knob for [DEPTH] or [DRIVE] (2). Depending on the type of Effect, there are buttons for selecting different Effect Types (3) and a Speed/Rate knob (4).

All selector switches (black) have a double function. If the respective Insert Effect is switched off, it can also be switched on directly via the selector switch, which may save you from pressing too many buttons.

The following table gives an overview of the Insert Effects.

Piano		E.Piano			Sub
Insert 1	Insert 2	Insert 1	Insert 2	Insert 3	Insert 1
Damper Resonance	Compressor	Drive	Auto Pan	Chorus 1	Chorus/Flanger
	Distortion		Tremolo	Chorus 2	Rotary Speaker
	Drive		Ring Modulation	Flanger	Tremolo
	Chorus		Touch Wah	Phaser 1	Distortion
			Pedal Wah	Phaser 2	
			Compressor	Phaser 3	

Tip: The assignment of the Inserts to the sections appears fixed, which indeed applies to the default setting. But what if, for example, you want to play an acoustic piano with a phaser? No problem!

The so-called "Advanced Mode" does not necessarily belong to the Insert Effects. Nevertheless, this mode solves the normally fixed assignment of all Voices to their categories/sections. This allows you to flexibly use the Insert Effects that are actually assigned to the sections. The Advanced Mode can be activated separately for each section. The absence of the numerical display in the respective section means that the activated Advanced Mode can also be recognised visually immediately. In fact, this eliminates the limitation to the respective category within a section. The selector button provides access to all Voices, which are also shown on the display with their names. In addition, ADV is shown on the display as soon as a section is in Advanced Mode.

PRACTICAL EXAMPLE:

- *Select an "Init Sound" and deactivate the Sections Piano and Sub with their switch*
- *Press the [SETTINGS] button and select "Advanced Mode SW" using the encoder*
- *Press [ENTER]*
- *Select "E.Piano" with the encoder and confirm with [ENTER]*
- *Turn the encoder clockwise, the display changes from "OFF" to "ON"*
- *The numeric display of the section goes out*

You can now use the red Voice selector to select any available Voice and use one of the Insert Effects that are not available in the other sections.

COMMON EFFECTS

The signal of all sections passes through the two Effect Blocks Delay and Reverb. These can be switched separately (1) (2) and adjusted using the knobs (3). For the Delay, there is also a button that allows you to select between Digital and Analog Delay.

The selector button (4) has a central function. It determines which of the sections is affected by the settings or parameter changes. Each section can be selected individually, but you can also select them altogether.

PRACTICAL EXAMPLE:

- *Select Preset 4-6 "A Tacky Piano" (all three sections are active)*
- *Deactivate the Delay by pressing its On/Off button*
- *For Reverb, set the encoder [DEPTH] to zero with a counterclockwise rotation*

Since all sections are selected via the selector button (4), the Reverb is set to zero equally for all sections.

- *Play a few notes*
- *Tap the selector button (4) three times until only the Sub LED lights up*
- *Increase the Reverb for Sub to taste*
- *Test the effect by switching the sections and the selector switch differently*

ENVELOPE

Two Envelope parameters for the Sub section are not assigned to the Effects, but to sound shaping in general. The "ATTACK" (1) and "RELEASE" (2) knobs always provide the corresponding parameters for Sub without the need for a separate switching operation.

Using the Advanced Mode described above, these parameters can also be assigned to the Voices of other categories. The values that can be set vary within defined ranges that match the Voice.

DIRECT ACCESS

For important functions and settings, there are some buttons next to the Live Set block, which I would like to briefly explain here.

[PANEL LOCK] deactivates all control elements and thus protects them against accidental adjustment. Only the Master Volume encoder and the controllers for Modulation and Pitch Bend remain active.

[TUNE] provides direct access to the overall tuning of the instrument.

[TOUCH] allows you to select a Velocity Curve that is used to adapt the keyboard behaviour to the tone generation. "Normal", "Soft", "Hard", "Wide", and "Fixed" are available.

[TRANSPOSE] changes the overall tuning of the instrument in semitones in a range between +/-12.

DATA ORGANISATION

Only Live Sets and their data are stored in the instrument's user memory. The subordinate Voice level is invariably provided by the Preset.

Saving a Live Set was already part of two practical examples. Further possibilities exist via so-called "Jobs". These can be accessed as follows:

[MENU] > „Job" > [ENTER]

The "Live Set Manager" contains the following sub-menus:

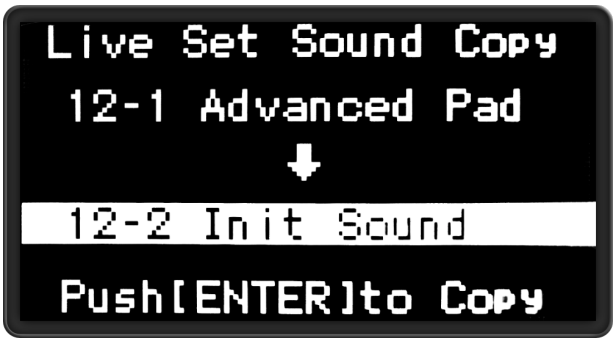
- *Swap - swaps the currently active Live Set with another Live Set of your choice (using the encoder)*
- *Copy - copies the currently active Live Set to another memory location of your choice (using the encoder)*
- *Initialize - initialises the currently active Live Set after asking "Are you sure?"*

All actions are confirmed with [ENTER].

A "Section Manager" applies the well-known "Copy/Paste" principle to individual sections. This Job is largely self-explanatory. For example, if you want to copy a certain section from a Preset to a User Live Set, proceed as follows:

- *Select the source Live Set*
- *[MENU] > "Job" > [ENTER]*
- *> "Section Manager"*
- *> "Copy" > [ENTER]*
- *Select the section > [ENTER]*

A dialog box confirms the copy process.



Then select the destination Live Set and repeat the described steps with "Paste" instead of "Copy".

Note: Only copies between similar sections can be made. Since the section is copied with all its data - including Insert Effects, for example - Advanced Mode does not help here either.

Attention: All the Presets from "1-1." can be overwritten with the actions executed by the Jobs.

The "Edit Recall" Job restores the last editing status of an unsaved Live Set if another Live Set has been selected in between.

The Job "Menu Initialize" could also be called a "Partial Factory Reset". It simply resets the settings saved under [MENU] to the factory settings. User data is retained.

The last Job in the order, "Factory Reset", resets the entire instrument to the factory settings. This would also be a way to restore the Live Set Presets to their original state if something was accidentally overwritten there. However, this will also overwrite the Banks for User Live Sets from 11-1. onwards. It is therefore advisable to create a backup beforehand to be on the safe side. The instructions for this will follow in the next chapter.

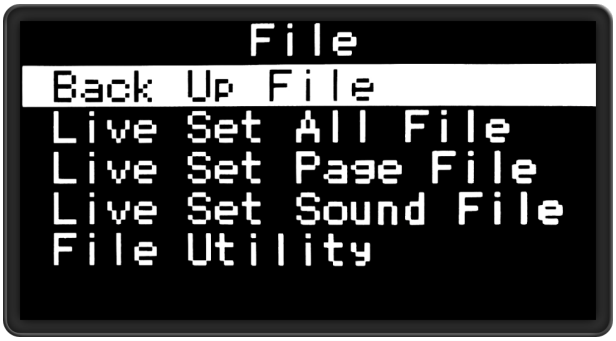
FILE MANAGEMENT

This CP series supports four File versions which cover different memory areas:

- *„Back Up File“ = All User data (Live Sets) incl. system settings*
- *„Live Set All File“ = all Live Sets without system settings*
- *„Live Set Page File“ = one Live Set Page*
- *„Live Set Sound File“ = a single Live Set*

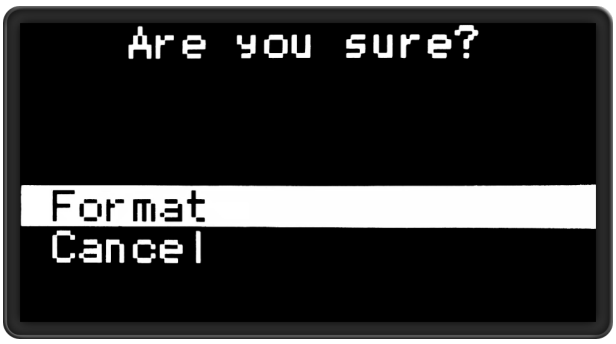
The successful connection of a USB memory stick is shown in the display with a message.

The path > [MENU] > "File" > [ENTER] leads to the file management.



After selecting one of the File Types, "Save" and "Load" are available. The "File Utility" allows renaming ("Rename") and deleting ("Delete") a File.

In addition, storage media connected can be formatted via "Format". All data on the medium will be deleted.



CONTROL ASSIGNMENT

The intuitive user interface of the CP Series is ideal for detailed preparation of Live Sets without the need to dive into deep menu levels. The arrangement of the buttons, selector switches, and encoders is designed so that even in a performance situation the most important elements can be reached quickly and safely. Nevertheless, the emphasis in a live performance is on the playing, so that connected controllers and their assignment may be a decisive criterion. This, too, has been so elegantly solved in the CP88/CP73 that you can manage completely without "annoying" data lists.

There are two connectors for foot controllers (e.g. FC7) and one connector for a foot switch (e.g. FC5) available.

The decisive factor is that the Control Assignment is not set globally. Individual assignments can be stored in each Live Set. There is often the requirement to control different parameters in different parts of a live performance, such as the Volume of a section, Chorus Depth, Tone, etc. Everything is possible, even the switching of sections, Split, and Transpose. All control elements of the user interface can be assigned in a very easy way!

PRACTICAL EXAMPLE:

- *Connect an FC7 to the "FOOT CONTROLLER 2" connector*
- *Select an "Init Sound" (all sections active, "CFX", "78Rd" & "Mellow Pad")*
- *Press [SETTINGS]*
- *Select "Controllers" with the encoder and confirm with [ENTER]*
- *Select "FC2 Assign" with the encoder and confirm with [ENTER] (display: "[4] Pedal Wah")*
- *Move the "VOLUME" encoder of the Sub section (display: "[30] S: Volume")*
- *Play and work with the FC7*

Try other assignments, too.

Note: In the Control Assignment menu, each activated control element is automatically assigned to the currently selected controller. For example, it is not possible to control the Volume ratios of sections or Effect components without assigning them in parallel. The last selected assignment is retained as soon as the dialog is exited.

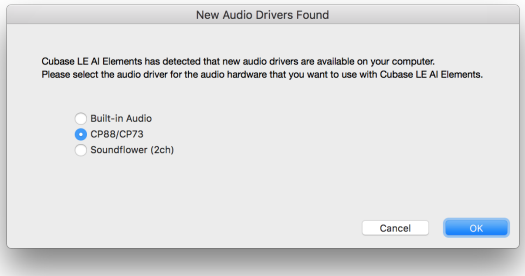
The footswitch assignment is made at a different point in the system.

[MENU] > „General“ > „Keyboard/Pedal“ > „Foot Switch Assign“

The default setting is "Live Set Sound +", which is used to switch from one Live Set to the next. This assignment can also be changed individually using the encoder.

MIDI/AUDIO INTERFACE

An integrated MIDI/Audio USB Interface allows MIDI and audio data to be transmitted bidirectionally between the instrument and a computer via a USB cable. The audio connection via USB 2.0 allows lossless recording and playback of a stereo channel. The prerequisite is the installation of the Yamaha Steinberg USB Audio Driver, which is available from the Yamaha download page.



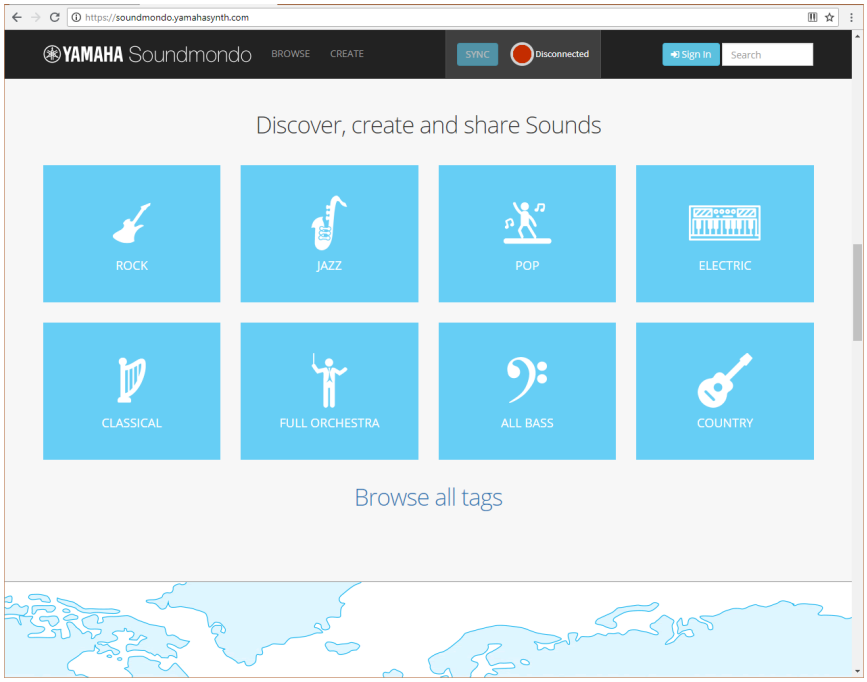
Once the driver has been successfully installed and, for example, the DAW Cubase AI (which is included in the scope of delivery) has been started, a connected instrument is immediately detected. A dialog box offers a selection option directly at startup.

The volume of the USB audio signal back from the computer can be adjusted using the following parameters:

[MENU] > „General“ > „USB Audio Volume“

The CP88 and CP73 support the iOS Class Compliance Standard. The audio signal of an iOS device connected using the Apple Camera Connection Kit can also be played back via the instrument's main out. Its volume is also adjusted in this situation via the parameter mentioned above.

SOUNDMONDO



Soundmondo is a social sound sharing network that lets you store and recall CP88 and CP73 Live Sets and share them with other users. Each stored Live Set can be rated, named and given a custom image from your photo library. With the Soundmondo app for iOS you can upload and download new Live Sets directly to CP88 and CP73 with an iOS device.

MASTER KEYBOARD

An integrated Master Keyboard Mode helps to integrate this CP series into a more comprehensive setup. Each Live Set can be programmed with individual Master settings. The mode must first be activated using the following path:

[SETTINGS] > „Master Keyboard“ > „Mode SW“ > ON

The "Zone Settings" in this Master Keyboard menu can be used to set the basic parameters for the four available Zones. A further menu item "Advanced Zone SW" unlocks a comprehensive parameter set, which enables, for example, working with MSB/LSB/PRG-Changes or the individual assignment of certain controllers for each Zone.

MASTER & SERVANT

The AWM2 Tone Generation is a common feature of the synthesizer models MONTAGE and MODX as well as the new CP series. The combination of the two instrument categories does make sense.

The Master Keyboard Mode of the CP series is perfectly suitable for this combination with the corresponding settings.

PRECONDITIONS

In the following two examples I use a CP88 and a MONTAGE, but the settings apply equally to CP73 and MODX.

- *CP88 = Master*
- *MONTAGE = Slave*
- *Connection: MIDI cable from CP88 MIDI OUT to MONTAGE MIDI IN*

These settings must be made on the MONTAGE:

- *[UTILITY] > Settings > MIDI I/O > MIDI IN/OUT = „MIDI“*
- *[UTILITY] > Settings > Advanced > MIDI I/O Mode = „Single“*
- *[UTILITY] > Settings > Advanced > MIDI I/O Ch. = „Ch.2“*

EXAMPLE 1 - LAYER CP88 = „CFX GRAND“ & MONTAGE = „SEATTLE SECTIONS“

- *Select the Preset Live Set "1-1 Natural CFX"*
- *Select [SETTINGS] > "Master Keyboard"*
- *Activate "Mode SW" with [ENTER] > turn encoder clockwise > ON > [EXIT]*
- *Activate "Advanced Zone SW" with [ENTER] > turn encoder clockwise > ON > [EXIT]*
- *Select "Zone Settings" > [ENTER] > "Zone 1" > [ENTER]*

- *Change "Tx Channel" to "2" > [EXIT]*
- *Select "Bank MSB" with the encoder and set it to "64" > [EXIT]*
- *Select "Bank LSB" with the encoder and set it to "2" > [EXIT]*
- *Select "Program Change" with the encoder and set it to "65" > [ENTER]*

Since you are in the Live Set, you can play the sound combination now.

EXAMPLE 2 - SPLIT
CP88 = „CFX GRAND“ &
MONTAGE = „GROOVE ACOUSTIC AF“

- *Select the Preset-Live Set "1-1 Natural CFX"*
- *Select [SETTINGS] > "Master Keyboard"*
- *Activate "Mode SW" with [ENTER] > turn encoder clockwise > ON > [EXIT]*
- *Activate "Advanced Zone SW" with [ENTER] > turn encoder clockwise > ON > [EXIT]*
- *Select "Zone Settings" > [ENTER] > "Zone 1" > [ENTER]*
- *Change "Tx Channel" to "2" > [EXIT]*
- *Change "Octave Shift" to "+1" > [EXIT]*
- *Select "Note Limit High" with the encoder and set it to "B1" (the input is possible via the encoder or by playing the corresponding key) > [EXIT]*
- *Select "Bank MSB" with the encoder and set it to "64" > [EXIT]*
- *Select "Bank LSB" with the encoder and set it to "8" > [EXIT]*
- *Select "Program Change" with the encoder and set it to "37" > [ENTER]*

Since you are in the Live Set, you can play the sound combination, however, up to the key "B1" it is played as a Layer.

- *Press [SPLIT] twice in the Piano section (the LED under "R" will light)*
- *Use the [SPLIT POINT] button to move the Split Point of the keyboard to "C1"*

I have provided the Live Sets from the two examples on a Dropbox. The following link leads to the folder "Sharing":

https://bit.ly/2QzBGnh

The file name is "CPMONTAGE".

VARIANTS

Layer and Split Performances prepared accordingly on a MONTAGE or MODX are also controlled as expected with the settings from the examples. This means that multiple layered Parts can be played via MIDI as well as multiple Split Zones.

SPECIFICATIONS

Item		Details	
		CP88	CP73
Keyboard		88-key NW-GH (Natural Wood Graded Hammer) keyboard: synthetic ebony and ivory key tops	73-key (E1-E7) BHS (Balanced Hammer Standard) keyboard: matte black key top
Tone Generation	Tone Generation Technology	AWM2	
	Polyphony (max.)	128	
Voices	Number of Live Set Sounds	160 (Preset Live Set Sounds: 80)	
	Number of Voices	57 (PIANO: 10 / E.PIANO: 14 / SUB: 33)	
	Effects	Insertion Effect: PIANO 2 systems (1: Damper Resonance 2: Compressor, Distortion, Drive, Chorus), E.PIANO 3 systems (1: Drive 2: Auto Pan, Tremolo, Ring Modulator, Touch Wah, Pedal Wah, Compressor 3: Chorus1, Chorus2, Flanger, Phaser1, Phaser2, Phaser3), SUB 1 system (Chorus/Flanger, Rotary Speaker, Tremolo, Distortion), Delay: 2 types (Analog, Digital), Reverb, 3 band EQ (with sweepable Mid)	
Display	Type	Full Dot LCD (128 x 64 dots)	
Connectors		• [AC IN] jack • [PHONES] jack (stereo-phone) • OUTPUT [L/MONO]/[R] jacks (Unbalanced) • OUTPUT [L]/[R] XLR jacks (Balanced) • INPUT [L/MONO]/[R] jacks (standard mono-phone) • FOOT SWITCH [SUSTAIN]/[ASSIGNABLE] jacks • FOOT CONTROLLER [1]/[2] jacks • MIDI [IN]/[OUT] terminals • USB [TO HOST]/[TO DEVICE] terminals	
Size/Weight	Dimensions (W x D x H)	1298 mm x 364 mm x 141 mm (51-1/8" x 14-5/16" x 5-9/16")	1086 mm x 355 mm x 144 mm (42-3/4" x 14" x 5-11/16")
	Weight	18.6 kg (41 lb, 0 oz)	13.1 kg (28 lb,14oz)
Included Accessories		• Owner's Manual (this book) x 1 • Power cord x 1 • Foot pedal (FC3A) x 1	

PICTURES

STAGE PIANO CP88
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STAGE PIANO CP73
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