YAMAHA

Clavinova

CLP-885 CLP-875 CLP-845 CLP-835 CLP-895GP CLP-865GP
Reference Manual

This manual is a supplement to the Owner's Manual and explains the functions in the Menu display. Make sure to read the Owner's Manual first in order to understand basic operations, before reading this Reference Manual.

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EN

Basic Operations in the Menu display

Pressing the [MENU] button calls up the Menu display. The Menu display contains five menus and allows you to make settings related to Voice, Song, Metronome/Rhythm, Recording and System (overall settings for the instrument). This section explains the basic operations in the Menu display.

For the following, you will need to make additional settings before opening the Menu display.

- **When you want to edit Voice-related parameters:**
  Select a Voice. If you want to edit Voices in Dual/Split/Duo, turn on the desired function.

- **When you want to edit Song-related parameters:**
  Select a Song.

1. Press the [MENU] button several times to select the desired menu.

Pressing the button repeatedly switches among the menus. The menu name shown at the top of the display and the icon at left indicate the selected menu.
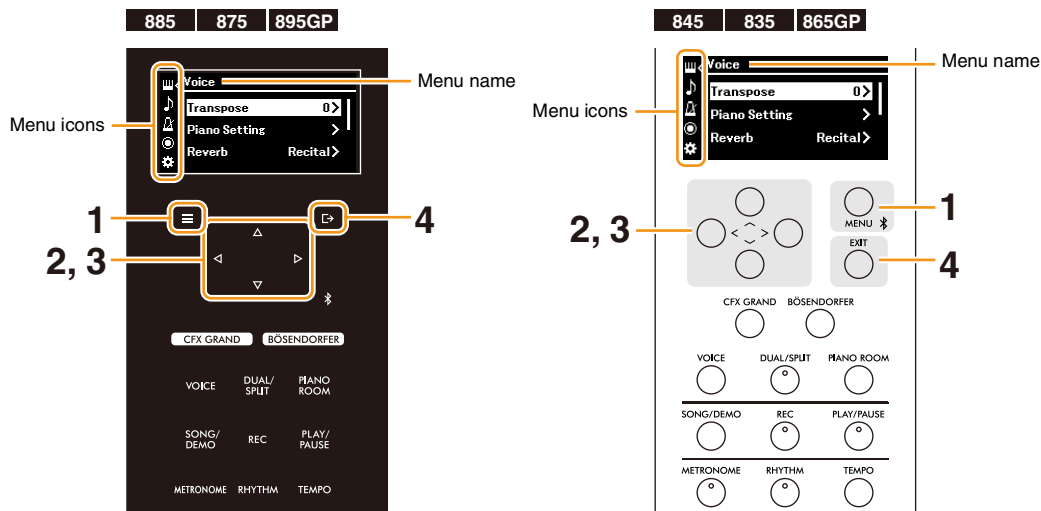
🎹	**Voice menu**	page 3	For making keyboard performance settings (pedal function, volume balance in Dual/Split/Duo, transpose, etc.), and for editing Voices.
♪	**Song menu**	page 9	For making Song playback settings (repeat playback, volume, transpose, etc.), for editing Songs, and for handling Song files.
🎼	**Metronome/ Rhythm menu**	page 16	For adjusting the metronome and rhythm volume, setting the metronome time signature, and making rhythm related settings.
◎	**Recording menu**	page 18	For making MIDI recording settings.
⚙	**System menu**	page 20	For making settings for the entire instrument (tuning, sound, Audio Power Off, display brightness, etc.), formatting a USB flash drive, and backing up the instrument settings.

2. Use the [∧]/[∨]/[<]/[>] buttons to select the desired parameter.

3. Use the [<]/[>] buttons to change the setting or execute the operation.

To reset the selected item to the default value on the CLP-885, CLP-875 and CLP-895GP, press and hold the [MENU] button until the value is reset. On the CLP-845, CLP-835 and CLP-865GP, press the [<] and [>] buttons simultaneously.

4. To exit from the Menu display, press the [EXIT] button.

⌨ Voice menu

The Voice menu lets you edit or set various parameters related to keyboard performance, such as Voice parameters. While playing the keyboard and listening to the sound, change the parameter values one-by-one to arrive at your desired sound. When you make settings of Voices in Dual, Split or Duo, make sure to turn on Dual, Split or Duo before calling up the Voice menu.

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[＜]/[＞] buttons to select the desired parameter and change the settings.

Parameter		Description	Setting range	Default setting
Transpose		Shifts the pitch of the entire keyboard up or down in semitone intervals to facilitate playing in difficult key signatures, and to let you easily match the pitch of the keyboard to the range of a singer or other instruments. For example, if you set this parameter to "5," playing key C produces pitch F. In this way, you can play the F major song as if it were in C major. **NOTE** • The setting here will not affect Song playback. If you want to transpose Song playback, use the "Transpose" parameter in the Song menu (page 10). • With Audio recording, the transposed sound is recorded according to the setting here. With MIDI recording, the "Transpose" value in the Song menu (page 10) is offset from the setting here. • Your keyboard performance data will be transmitted with the transposed note numbers while MIDI note numbers received from an external MIDI device or computer will not be affected by the Transpose setting.	−12 (−1 octave) – 0 (normal pitch) – +12 (+1 octave)	0
Piano Setting * These settings are effective only for the piano Voices having VRM effects.	**Lid Position**	Recreates the differences in sound depending on how high the (virtual) grand piano lid is opened.	Full, Half, Close	Full
	VRM	Turns the VRM effect on/off. ■ **VRM (Virtual Resonance Modeling)** The VRM (Virtual Resonance Modeling) function uses sophisticated physical modeling to simulate the actual string resonance sound that occurs when the damper pedal on a real piano is pressed or keys are played and held. On an actual acoustic piano, if you press the damper pedal and play a key, not only does the string of the pressed key vibrate, it also causes other strings and the soundboard to vibrate, each influencing the rest and creating a rich and brilliant resonance that sustains and spreads. The VRM technology featured in this instrument reproduces the complicated interaction of both string and soundboard resonance faithfully using a virtual musical instrument (physical modeling), and makes the sound more like a real acoustic piano. Since instantaneous resonance is made at the moment according to the state of the keyboard or pedal, you can vary the sound expressively by changing the timing of your pressing the keys, and the timing and depth of your pressing the pedal. When "VRM" is On, set the following parameters as desired.	On, Off	On
	Damper Res. (Resonance)	Determines the depth of the string resonance effect which is applied when the damper pedal (right pedal) is pressed.	0 – 10	5

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[＜]/[＞] buttons to select the desired parameter and change the settings.

Parameter			Description	Setting range	Default setting
Piano Setting * These settings are effective only for the piano Voices having VRM effects.	**VRM**	**Damper Noise**	Turns the Damper Noise On/Off. This function will be disabled when "Damper Res." is set to 0. ■ **Damper Noise** Damper noise is the sound made on an acoustic piano when the damper pedal is pressed. The damper noise changes in tone and volume depending on how quickly the damper pedal is pressed down. Pressing the damper pedal slowly will make a quieter sound when the damper heads are released from the strings. Pressing the damper pedal with force will transmit the vibrations to the strings, which adds a lower and louder sound.	On, Off	On
		String Res. (Resonance)	Determines the depth of the string resonance effect which is applied when a note on the keyboard is pressed.	0 – 10	5
		Duplex Scale Res. (Resonance)	Adjusts the sympathetic vibrations of the duplex scaling resonance effect. ■ **Duplex Scale** Duplex scaling is a stringing method for pianos that uses extra, un-struck strings in the upper octaves to enhance the tone. These strings sympathetically vibrate with other strings in an acoustic piano, resonating with overtones, and adding richness, brilliance and complex color to the sound. Since the dampers do not touch them, they will continue sounding even after you release your hands from the keyboard.	0 – 10	5
		Body Res. (Resonance)	Adjusts the resonance of the piano itself (the soundboard, the sides, the frame and so on).	0 – 10	5
	Grand Exp. (Expression)		Selects the type of the Grand Expression Modeling effects, which simulates the physical sound transitions of an actual piano. When this feature is set to "Dynamic," you can control extremely subtle nuances in the performance and sound by changing your playing strength, touch or how you release the keys. When set to "Static," the nuances are generally fixed. ■ **Grand Expression Modeling** On an actual acoustic piano, subtle changes in the sound can be produced by changing your playing touch from when you press a key to when you release it. For example, when you press a key all the way to its bottom, the key hits the keybed underneath an the noise reaches the strings, changing the sound slightly. Furthermore, the tone when the damper is lowered onto strings to mute the sound is changed by how quickly you release the key. Grand Expression Modeling technology recreates these subtle changes in the sound that respond to your touch. This allows you to add accents by playing strongly or add resonance by playing softly to produce superbly expressive sound. A crisp tone can be heard when playing staccato as well as a lingering sound produced when releasing the keys slowly.	Dynamic, Static	Dynamic

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[<]/[>] buttons to select the desired parameter and change the settings.

Parameter	Description	Setting range	Default setting
Reverb	Determines the Reverb type which is applied to all the entire sound including the keyboard performance, Song playback and MIDI data input from an external MIDI device. • **Off:** No effect. • **Recital Hall:** Simulates clear reverberation in a mid-sized hall suitable for piano recital. • **Concert Hall:** Simulates brilliant reverberation in a large hall for public orchestra performances. • **Chamber:** Simulates the elegant reverberation in a small room suitable for chamber music. • **Room:** Simulates the soft reverberation of a smaller performance space, such as a room or lounge. • **Cathedral:** Simulates the solemn reverberation in a high-ceiling stone-made cathedral. • **Club:** Simulates the lively reverberation in a jazz club or a small bar. • **Plate:** Simulates the bright sound of vintage reverb equipment used in recording studios.	(See the column at left.)	(Differs depending on the Voice or Voice combination.)
Chorus	Determines the Chorus type which is applied to all the entire sound including the keyboard performance, Song playback and MIDI data input from an external MIDI device. • **Off:** No effect. • **Chorus:** Adds a rich, spacious sound. • **Celeste:** Adds swell and a spacious sound. • **Flanger:** Adds swell effects similar to the sound of an ascending or descending jet plane.	(See the column at left.)	(Differs depending on the Voice or Voice combination.)
Voice Edit	By changing the settings below, you can edit the sound of the selected Voice as desired. When Dual, Split or Duo is turned on, multiple Voice names are shown in the "Voice Edit" display. Select the target Voice, and then edit it. • When Dual is on: upper column = Voice 1, lower column = Voice 2 • When Split is on: upper column = Right Voice, lower column = Left Voice • When Dual and Split are on: upper column = Right 1 Voice, middle column = Right 2 Voice, lower column = Left Voice • When Duo is on: upper column = Voice for the Right player, lower column = Voice for the left player		

	Parameter	Description	Setting range	Default setting
	Octave	Shifts the pitch of the keyboard up and down in octave steps.	−2 – 0 (no pitch shift) – +2	(Differs depending on the Voice or Voice combination.)
	Volume	Adjusts the volume for the selected Voice.	0 – 127	
	Reverb Depth	Adjusts the depth of the selected Reverb type. A setting of 0 produces no effect. **NOTE** When a VRM Voice is used for several parts simultaneously, unexpected sounds may occur. This is because the Reverb depth for a part which has priority will be applied to all parts. During Song playback, setting for a Song part is used (priority order: Ch. 1, Ch. 2...Ch. 16), while the setting for a keyboard part is used when Song playback is stopped (priority order: R1, L and R2 Voices).	0 – 127	

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[<]/[>] buttons to select the desired parameter and change the settings.

Parameter		Description	Setting range	Default setting
Voice Edit	Chorus Depth	Adjusts the depth of the selected Chorus type. A setting of 0 produces no effect. **NOTE** When a VRM Voice is used for several parts simultaneously, unexpected sounds may occur. This is because the Reverb depth for a part which has priority will be applied to all parts. During Song playback, setting for a Song part is used (priority order: Ch. 1, Ch. 2...Ch. 16), while the setting for a keyboard part is used when Song playback is stopped (priority order: R1, L and R2 Voices).	0 – 127	(Differs depending on the Voice or Voice combination.)
	Effect	Determines the Effect type. Reverb and Chorus are applied to all the entire sound while the Effect selected here is applied only to the selected Voice. Effects cannot be applied to the VRM Voices. • **Off:** No effect. • **DelayLCR:** Delay applied at left, center, and right positions. • **DelayLR:** Delay applied at left and right positions. • **Echo:** Echo-like delay. • **CrossDelay:** Left and right delays cross each other in alternation. • **Symphonic:** Adds a rich and deep acoustic effect. • **Rotary:** Adds the vibrato effect of a rotary speaker. • **Tremolo:** The volume level changes in rapid cycles. • **VibeRotor:** The vibrato effect of a vibraphone. • **AutoPan:** The sound pans left to right and back and forth. • **Phaser:** The phase changes periodically, swelling the sound. • **AutoWah:** The center frequency of the wah filter changes periodically. • **Distortion:** Distorts the sound.	(See the column at left.)	
	Rotary Speed	Available only when "Rotary" is selected as an Effect type. This parameter determines the rotation speed of the Rotary Speaker effect.	Fast, Slow	
	VibeRotor	Available only when "VibeRotor" is selected as an Effect type. This parameter turns on or off the VibeRotor effect.	On, Off	
	VibeRotor Speed	Available only when "VibeRotor" is selected as an Effect type. This parameter determines the speed of the Vibraphone vibrato effect.	1 – 10	
	Effect Depth	Adjusts the Effect depth for the selected Voice. Certain Effect types do not allow adjustment of depth.	1 – 127	
	Pan	Adjusts the stereo pan position for the selected Voice.	L64 (leftmost) – C (center) – R63 (rightmost)	
	Harmonic Cont (Content)	Produces a distinctive "peaky" tone by raising the Resonance value of the filter. **NOTE** Harmonic content may have little audible effect or not be applied to some Voices.	–64 – +63	
	Brightness	Adjusts the brightness of the selected Voice.	–64 – +63	

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[<]/[>] buttons to select the desired parameter and change the settings.

Parameter		Description	Setting range	Default setting
Voice Edit	Touch Sens. (Sensitivity)	Determines the degree to which the volume level changes in response to your touch on the keyboard (how hard you play). Since the volume level of some Voices such as Harpsichord and Organ do not change regardless of how you play the keyboard, the default setting for these Voices is 127.	0 (softest) – 64 (largest changes in the level) – 127 (loudest regardless of how you play the keyboard)	(Differs depending on the Voice or Voice combination.)
	RPedal	Turns the function of the right, center or left pedal on/off for the selected Voice. This parameter is useful when you want to ensure, for example, that the pedal function affects the right-hand performance but does not affect the left-hand performance when Split is on.	On, Off	
	CPedal			
	LPedal			
Pedal Assign	Right	Changes the functions of the right, center, or left pedal. **NOTE** The default setting of the left pedal differs for certain Voices: "Rotary Speed" for the "Jazz Organ 1," "Jazz Organ 2" or "Rock Organ" Voice, and "VibeRotor" for the "Vibraphone" Voice.	(Refer to the Pedal Function List below.)	Sustain (Cont.)
	Center			Sostenuto
	Left			Soft
Balance * Only the available parameters are shown when Dual, Split or Duo is on.	Volume R2 – R1	Adjusts the volume balance between two Voices when Dual is on. Moving the slider rightward raises the Right 1 volume and lowers the Right 2 volume, and vice versa.	R2+10 – 0 – R1+10	(Differs depending on the Voice or Voice combination.)
	Volume L – R	Adjusts the volume balance between the right and left sections when Split or Duo is on. Moving the slider rightward raises the right section volume and lowers the left section volume, and vice versa.	L+10 – 0 – R+10	
	Detune	Detunes the Right 1 Voice and Right 2 Voice in Dual to create a thicker sound. Moving the slider rightward raises the Right 1 Voice pitch and lowers the Right 2 Voice pitch, and vice versa.	R2+20 – 0 – R1+20	

Pedal Function List

This is a list of the functions that can be assigned to each of the left, center and right pedal from "Pedal Assign" in the Voice menu. The assignable functions differ depending on the pedal.

Function	Description	Assignable or not (✓: Yes, –: No)		
		Left pedal	Center pedal	Right pedal
Sustain (Switch)	Sustains the notes you play while pressing the pedal, even after releasing your fingers from the keyboard.	✓	✓	✓
Sustain (Cont.)	Sustains the notes you play while pressing the pedal, even after releasing your fingers from the keyboard. The sustain length varies depending on how far the pedal is pressed.	–	–	✓
Sostenuto	If you play a note or chord on the keyboard and press the pedal while holding the note(s), the notes will sustain as long as the pedal is held. All subsequent notes will not sustain.	✓	✓	✓
Soft	Reduces the volume and slightly changes the timbre of notes played while the pedal is pressed.	✓	✓	✓
PitchBend Up	Raises the pitch smoothly.	–	–	✓
PitchBend Down	Lowers the pitch smoothly.	–	–	✓

Function	Description	Assignable or not (✓: Yes, –: No)		
		Left pedal	**Center pedal**	**Right pedal**
Rotary Speed	Switches the Rotary Speaker speed (for the Jazz Organ 1, 2 or Rock Organ Voices) between "Fast" and "Slow" each time you press the pedal.	✓	✓	✓
VibeRotor	Switches the vibrato on/off (for the Vibraphone Voice) each time you press the pedal.	✓	✓	✓

NOTE

- For certain Voices, such as strings and organ, the sound may sustain continuously when the pedal (to which the damper/sostenuto function assigned) is pressed.
- If the [PLAY/PAUSE] function is assigned to a pedal from "Pedal" > "Play/Pause" in the System menu (page 22), the corresponding pedal's function assigned here is disabled.

♪ Song menu

The Song menu lets you set various parameters related to Song playback and edit the Song data. Select a desired Song before beginning the operation.
Available parameters differ between MIDI Songs and Audio Songs. The following parameters indicated with "(Audio)" can be set only when an Audio Song is selected, and parameters with "(MIDI)" can be set only when a MIDI Song is selected. "Edit" parameters cannot be set for the preset Songs and Voice Demo Songs.

NOTICE
"Execute" is a function that edits or changes the current Song data. Note that pressing the [>] button replaces the original data with new data.

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[<]/[>] buttons to select the desired parameter and change the settings.

Parameter		Description	Setting range	Default setting
Volume (Audio)		Adjusts the volume of the selected Audio Song.	0 – 127	100
Repeat (Audio)		Selects the repeat type for Song playback. • **Off:** Disables repeated playback. When playback of the selected Song reaches the end, playback stops automatically. • **Single:** Plays through only the selected Song repeatedly. • **All:** Continuously plays back all Songs in the folder which contains the selected Song in numerical order. • **Random:** Continuously plays back all Songs in the folder which contains the selected Song in random order. When a repeat type other than Off is selected, the status icon (Single: 🔁, All: 🔁, Random: 🔀) is shown on the upper right of the Song display.	Off, Single, All, Random	Off
L / R (MIDI)	**R** **L** **Extra**	Turns each part of the selected MIDI Song on (play) or off (mute). For parts having no data, "---" is shown the part cannot be turned on or off. **NOTE** A MIDI Song consists of 16 tracks (parts), and usually track 1 is assigned to "R," track 2 is assigned to "L," and tracks 3–16 are assigned to "Extra."	On, Off	On
Repeat (MIDI)	**A – B**	Lets you play back a specified range (from Point A to B) of the selected MIDI Song repeatedly. 1. Press the [PLAY/PAUSE] button to start playback of the Song. 2. Press the [>] button at the starting point (A) of the range to be repeated. 3. Press the [>] button again at the ending point (B). After an automatic lead-in (to help guide you into the phrase), the range from Point A to Point B is played back repeatedly To disable A-B Repeat, press the [>] button in the A-B Repeat display while "Repeat Off" is selected. Selecting another Song also disables A-B Repeat. **NOTE** • To specify the top of the Song as the starting point (A), specify Point A before starting playback. • To specify the end of the Song as the ending point (B), play back through until the end of the Song. The point B is automatically set without you needing to press any button.	On, Off	Off

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[＜]/[＞] buttons to select the desired parameter and change the settings.

Parameter		Description	Setting range	Default setting
Repeat (MIDI)	**Phrase**	This parameter can be set when a MIDI Song containing the Phrase Mark settings is selected. You can play back a specified phrase in the Song repeatedly. To do this, specify a phrase number in "Phrase Mark" and set "Repeat" to "On," and then start Song playback. If you play back the Song while "Repeat" is "Off," the Phrase Mark number on this display advances allowing you to check the phrase number of the currently played phrase while listening to it. When "Repeat" is "On," the Phrase Mark Repeat icon (![Ph icon]) is shown on the upper right of the Song display.	On, Off	Off
	Song	Selects the repeat type for Song playback. • **Off:** Disables repeated playback. When playback of the selected Song reaches the end, playback stops automatically. • **Single:** Plays through only the selected Song repeatedly. • **All:** Continuously plays back all Songs in the folder which contains the selected Song in numerical order. • **Random:** Continuously plays back all Songs in the folder which contains the selected Song in random order. When a repeat type other than Off is selected, the status icon (Single: ![1 icon], All: ![All icon], Random: ![Random icon]) is shown on the upper right of the Song display.	Off, Single, All, Random	Off
Volume (MIDI)	**Song – Keyboard**	Adjusts the volume balance between the MIDI Song playback sound and keyboard performance.	Song+64 – 0 – Key+64	0
	Song L – R	Adjusts the volume balance between the right-hand and left-hand parts of MIDI Song playback.	L+64 – 0 – R+64	0
Transpose		Shifts the pitch of Song playback up or down in semitone intervals. For example, if you set this parameter to "5," a Song created in C major will be played back in F major. This setting does not affect the keyboard pitch. **NOTE** • Applying transpose to an Audio Song may change its tonal characteristics. • The audio signal input from the external devices is not transposed. • MIDI Song playback data will be transmitted with the transposed note numbers while MIDI note numbers received from an external MIDI device or computer will not be affected by the Transpose setting.	−12 (−1 octave) – 0 (normal pitch) – +12 (+1 octave)	0
File	**Delete** **Copy** (MIDI) **Move** (MIDI) **MIDI to Audio** (MIDI) **Rename** **Delete All**	These are file operations, such as deleting, copying, moving the Songs saved to the instrument or the connected USB flash drive. For details, refer to "Managing the Song files" (page 12).	–	–

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[＜]/[＞] buttons to select the desired parameter and change the settings.
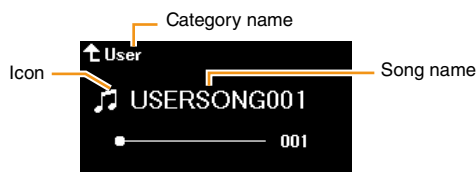
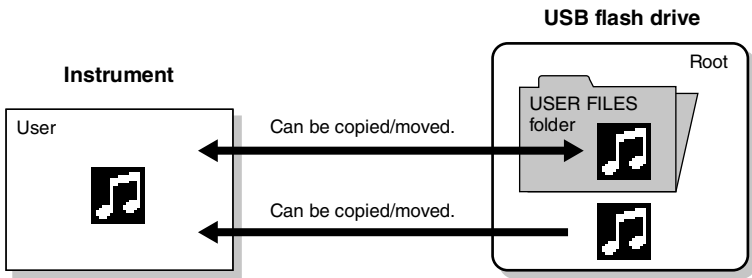| Parameter		Description	Setting range	Default setting
Edit (MIDI)	**Quantize**	Aligns the timing of each note in the selected MIDI Song. For example, if you record a musical phrase in 4/4 time, you may not play it with absolute precision, and parts of your performance may have been slightly ahead of or behind the precise timing. Quantize is a convenient way of correcting for this. For details, refer to "Quantize (aligning the timing of notes)" (page 13).	–	–
	Track Delete	Deletes data of a specific track from the selected MIDI Song. For details, refer to "Track Delete (deleting data of a specific track)" (page 14).	–	–
	Tempo Change	Changes the tempo of the selected MIDI Song to the current tempo and overwrites the data. For details, refer to "Tempo Change (changing the tempo value)" (page 15).	–	–
	Voice Change	Changes the Voice of a specific track in the selected MIDI Song to the current Voice and overwrites the data. For details, refer to "Voice Change (changing the Voice of a specific track)" (page 15).	–	–
Others (MIDI)	**Quick Play**	This lets you specify whether a Song that starts from the middle of a bar, or a Song with a silence prior to the first note, should be played from the first note or from the top of the bar (rest or blank). This is useful for a MIDI Song that starts with a short one-or two-beat pick-up or lead-in.	On, Off	On
	Track Listen	This lets you play back only one track of the selected MIDI Song to listen to its contents. To do this, select a track, move the highlight to "Start," and then press and hold the [＞] button to start playback from the first note. Playback continues while holding the [＞] button.	Track 1 – Track 16	Track 1
	Play Track	This lets you specify the tracks of the selected MIDI Song for playing back on this instrument. When "1&2" is selected, only tracks 1 and 2 are played back, while tracks 3 to 16 are transmitted to the connected device via MIDI. When "All" is selected, all tracks are played back on this instrument.	All, 1&2	All

Managing the Song files

The "File" parameters in the Song menu lets you delete an unnecessary Song, copy the recorded Song on the instrument to the USB flash drive, or make other Song file-related operations to manage the Song files in the "User" or "USB" category.

Song types and file operation limitations

The following chart shows the Song type and restrictions on File operations. Song types are indicated as the category name and icon in the Song display.

✓: Available, –: Not available

Operation	Description	Song type			
		Category	**User**	**USB**	
		Icon	(MIDI)	(MIDI)	(Audio)
Delete	Deletes the selected Song.		✓	✓	✓
Copy	Copies or moves the selected MIDI Song to "User" or "USB." As for a MIDI Song in the "User" category in the instrument, you can copy or move it only to the "USER FILES" folder on a USB flash drive. As for a MIDI Song in a USB flash drive, you can Copy/Move it to the "User" category in the instrument.		✓	✓	–
Move			✓	✓	–
MIDI to Audio	Converts the selected MIDI Song to an Audio Song during playback. This is basically the same as that of Audio Recording, which allows you to record your keyboard performance and other audio input sound via Bluetooth or [AUX IN] jack, etc.		✓	✓	–
Rename	Changes the name of the selected Song.		✓	✓	✓
Delete All	Deletes all Songs in the folder which contains the selected Song. When a Song in the "User" category is selected, all Songs in the "User" are deleted. When a Song in the "USB" category is selected, all Songs in the "USER FILES" folder of the connected USB flash drive are deleted. **NOTE** The Songs in the folder contained in the "USER FILES" folder of the USB flash drive are not deleted.		✓	✓	✓

1. **As necessary, connect a USB flash drive to the USB [TO DEVICE] terminal.**

2. **Select a Song for handling.**

3. **Select the desired operation from "File" in the Song menu.**

4. Execute the selected operation.

- **When "Delete," "Copy," "Move," "MIDI to Audio" or "Delete All" is selected:**

**4-1. Press the [＞] button to call up the operation display.**

4-2. Press the [∨] button to select "Execute," and then press the [＞] button to execute the operation.

NOTICE
- Do not turn off the power or disconnect the USB flash drive while executing. Doing so may result in the loss of all data.
- A message appears when a Song with the same name already exists in the copy/move destination. If you select "Overwrite," the previously existing original data of the Song will be lost.

- **When "Rename" is selected:**

4-1. Press the [＞] button to call up the operation display.
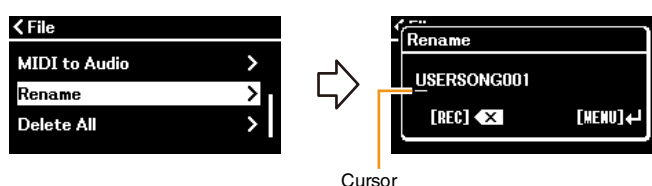
Cursor

4-2. Change the name of the Song.

Use the [＜]/[＞] buttons to move the cursor (underline), and then use the [∧]/[∨] buttons to change the character at the current cursor position. To delete the character at the current cursor position, press the [REC] button.
A Song name can contain up to 46 characters. Characters which extend beyond the display capacity and are not visible can be viewed by moving the cursor by using the [＜]/[＞] buttons.

NOTE
For information about the character types available for the Song name, refer to "Utility" > "Language" on in the System menu.

4-3. Press the [MENU] button to actually rename the Song.

NOTICE
Do not turn off the power or disconnect the USB flash drive while executing. Doing so may result in the loss of all data.

Editing the selected MIDI Song

From "Edit" in the Song menu, you can change the data of the selected MIDI Song in the "User" or "USB" category and overwrite it.

Quantize (aligning the timing of notes)

This function allows you to align the timing of each note in the selected MIDI Song. For example, if you record the musical phrase shown below, you may not play it with absolute precision, and your performance may have been slightly ahead of or behind the precise timing. Quantize is a convenient way of correcting for this.

1. Select the desired MIDI Song to edit.

2. Select "Edit" > "Quantize" in the Song menu.

3. Set "Quantize" value to the smallest notes in the MIDI Song.
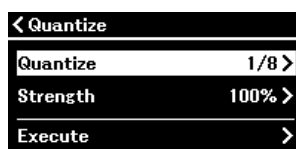
• Settings:

|		
1/4................ ♩		quarter note
1/6................ ♩₃		quarter note triplet
1/8................ ♪		eighth note
1/12............. ♪₃		eighth note triplet
1/16............. ♬		sixteenth note
1/24............. ♬₃		sixteenth note triplet
1/32............. ♬		thirty-second note
1/8+1/12........ ♪+♪₃		eighth note + eighth note triplet*
1/16+1/12....... ♬+♪₃		sixteenth note + eighth note triplet*
1/16+1/24....... ♬+♬₃		sixteenth note + sixteenth note triplet*

• Example of 1/8 note quantization:
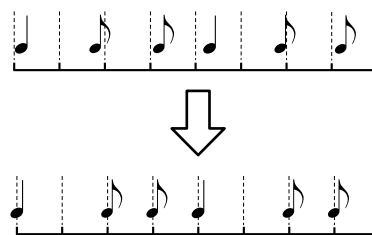
The three Quantize settings marked with asterisks (*) are exceptionally convenient, since they allow you to quantize two different note values at the same time. For example, when the straight eighth notes and eighth notes triplet are contained in the same part, if you quantize by straight eighth notes, all notes in the part are quantized to straight eighth notes—completely eliminating any triplet feel. However, if you use the eighth note + eighth note triplet setting, both the straight and triplet notes will be quantized correctly.

4. Set the "Strength" value, which determines how strongly the notes will be quantized.

A setting of 100% produces exact timing. If a value less than 100% is selected, notes will be moved toward the specified quantization beats according to the specified percentage. Applying less than 100% quantization lets you preserve some of the "human" feel in the recording.
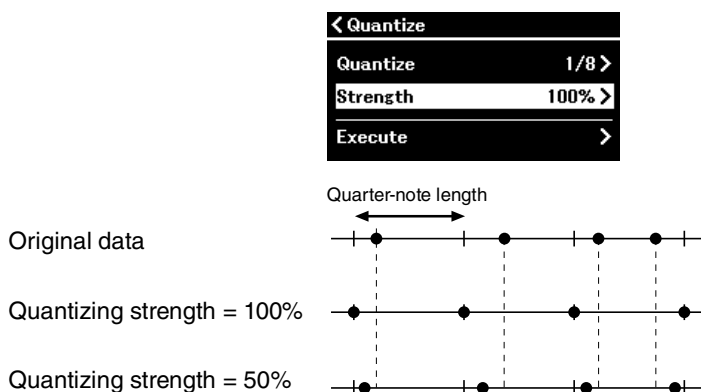
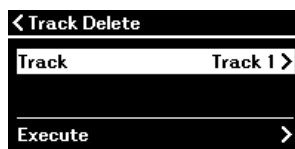**5. Select "Execute" and press the [>] button to save the edited data.**

NOTICE
Pressing the [>] button overwrites the data of the selected MIDI Song. Be careful not to lose your important data.

Track Delete (deleting data of a specific track)

This function lets you delete data of a specific track from the selected MIDI Song.

1. Select the desired MIDI Song to edit.

2. Select "Edit" > "Track Delete" in the Song menu.

3. Select the desired track to delete in "Track."

In the track selection display, the "*" mark indicates the track which contains the data. To check the recorded data, play it back from "Others" > "Track Listen" in the Song menu ().

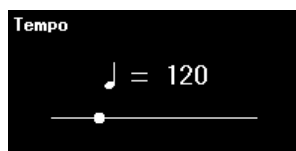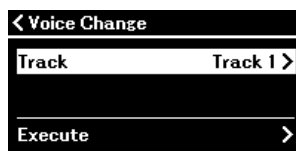**4.** **Select "Execute" and press the [>] button to save the edited data.**

NOTICE
Pressing the [>] button overwrites the data of the selected MIDI Song. Be careful not to lose your important data.

Tempo Change (changing the tempo value)

This function lets you change the tempo value of the selected MIDI Song and overwrite the data.

1. **Select the desired MIDI Song to edit.**

2. **Press the [TEMPO] button to call up the Tempo display, and then set the value to the desired tempo.**

Tempo

♩ = 120

3. **Select "Edit" > "Tempo Change" in the Song menu.**

4. **Select "Execute" and press the [>] button to save the edited data.**

NOTICE
Pressing the [>] button overwrites the data of the selected MIDI Song. Be careful not to lose your important data.

Voice Change (changing the Voice of a specific track)

This function lets you change the Voice of a specific track in the selected MIDI Song.

1. **Select the desired MIDI Song to edit.**

2. **Select the desired Voice.**

3. **Select "Edit" > "Voice Change" in the Song menu.**

4. **Select the desired track for the Voice change in "Track."**

< Voice Change
Track   Track 1 >

Execute   >

In the track selection display, the "*" mark indicates the track which contains data. To check the recorded data, play it back from "Others" > "Track Listen" in the Song menu ().

5. **Select "Execute" and press the [>] button to save the edited data.**

NOTICE
Pressing the [>] button overwrites the data of the selected MIDI Song. Be careful not to lose your important data.

♩ Metronome/Rhythm menu

The Metronome/Rhythm menu lets you set parameters related to metronome and rhythm, such as the time signature of the metronome and Rhythm playback-related parameters.

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[<]/[>] buttons to select the desired parameter and change the settings.

Parameter	Description	Setting range	Default setting
Volume	Determines the volume of the metronome or Rhythm. This lets you adjust the volume balance between the keyboard performance and metronome or Rhythm playback.	0 – 127	82
Bell	Determines whether or not the bell sound is played at the first beat of the specified time signature.	On, Off	Off
Time Sig. (Time Signature)	Determines the time signature of the metronome. For details, refer to "Setting the time signature and tempo to match your score" (page 17).	2/2, 3/2, 1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 7/8, 9/8, 12/8	4/4 (For MIDI Songs, differs depending on the selected Song)
BPM	Determines whether the note type of the tempo indication on the Tempo display is affected by the metronome time signature above or not (Crotchet). When "Time Sig." is selected, the denominator of the time signature is shown as the note type of the tempo indication. (The dotted quarter note is shown as the note type of the tempo indication only when the time signature is set to "6/8," "9/8," or "12/8.")	Time Sig., Crotchet	Time Sig.
Intro	Determines whether the Intro is played back or not before the Rhythm pattern is started. **NOTE** During Song playback, the Intro cannot be played back even if you start the Rhythm with this parameter set to "On."	On, Off	On
Ending	Determines whether the Ending is played back or not before the Rhythm pattern is stopped.	On, Off	On
SyncStart	When this is set to "On," you can start Rhythm playback by pressing any note on the keyboard. With this function turned on, pressing the [RHYTHM] button sets Synchro start to standby and makes the [RHYTHM] button flash. In this status, pressing any key starts Rhythm playback.	On, Off	Off
Bass	Determines whether the auto bass accompaniment for the Rhythm is on or off.	On, Off	On

Setting the time signature and tempo to match your score

Try setting the time signature and tempo to match that of your sheet music score. If you set "Bell" to "On," the first beat of the specified time signature is accented with a bell sound.
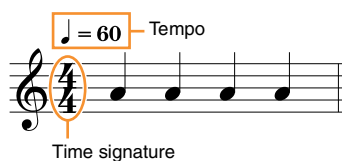
1. **Select the desired time signature from "Time Sig." in the Metronome/Rhythm menu.**

2. **Press the [TEMPO] button to call up the Tempo display.**
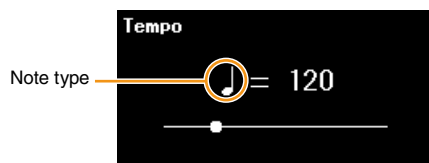
3. **Use the [<]/[>] buttons to set the tempo.**

"Note type=tempo value" is shown on the Tempo display. Depending on the time signature you set in step 1, the note type and available tempo range differ as follows.

Time signature	Note type (The length of one beat)	Setting range
2/2, 3/2	𝅗𝅥 Half note	3 – 250
1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4	♩ Quarter note	5 – 500
6/8, 9/8, 12/8	♩. Dotted quarter note	4 – 332 (even numbers only)
3/8, 7/8	♪ Eighth note	10 – 998 (even numbers only), 999

NOTE
- Note type will be fixed to quarter note as long as the "BPM" parameter in the Metronome/Rhythm menu (page 16) is set to "Crotchet" regardless of the time signature you set.
- If you select a Song, the time signature and tempo will be changed to those of the selected Song.

◉ Recording menu

The Recording menu lets you set detailed parameters related to MIDI recording. These settings are not applied to Audio recording.

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[<]/[>] buttons to select the desired parameter and change the settings.

Parameter	Description	Setting range	Default setting
RecStart	These parameters specify the timing of starting or stopping overwriting the data when recording to an existing MIDI Song. For details, refer to "Re-recording a portion of a MIDI Song" below.	Normal, KeyOn	Normal
RecEnd		Replace, PunchOut	Replace
RecRhythm	Determines whether Rhythm playback is recorded or not in MIDI recording. When this is set to "On," Rhythm parts are recorded to tracks 9 to 11.	On, Off	On

Re-recording a portion of a MIDI Song

You can re-record a part of the specified track in an already recorded MIDI Song. If you want to listen to the data for each track, play it back from "Others" > "Track Listen" in the Song menu ().

1. In the Recording menu, set the parameters which determine how recording starts and stops.

RecStart	Normal	The already recorded data will be replaced with the new one as soon as recording starts.
	KeyOn	The already recorded data will be maintained until you press a key, and actual recording starts as soon as you press a key.
RecEnd	Replace	The data after the point you stop recording will also be erased.
	PunchOut	The data after the point you stop recording will remain.

- **Recorded data for each combination of the "RecStart" and "RecEnd" settings**

Normal/Replace

▼ Start overwrite recording   ▼ Stop recording

New data	No data

Normal/PunchOut

▼ Start overwrite recording   ▼ Stop recording

New data	Original data

KeyOn/Replace

▼ Start playback of original data   Play the keyboard to start ▼ overwrite recording   ▼ Stop recording

Original data	New data	No data

KeyOn/PunchOut

▼ Start playback of original data   Play the keyboard to start ▼ overwrite recording   ▼ Stop recording

Original data	New data	Original data

2. Select the desired MIDI Song to be re-recorded.

**3.** **Specify the start point at which you wish to re-record.**

Use the [<]/[>] buttons to move the playback position (measure number) to the desired point. Alternately, press the [PLAY/PAUSE] button to start playback, and then press the [PLAY/PAUSE] button again slightly prior to the desired point.
If necessary, select the settings (Voice and other parameters).

4. **Press and hold the [REC] button for a second to call up a list of the recording target Songs, and then select again the Song you selected in step 2.**

5. **Use the [<]/[>] buttons to select a track for re-recording.**
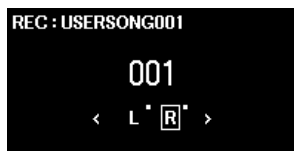
6. **Play the keyboard or press the [PLAY/PAUSE] button to start recording.**

7. **Press the [REC] button to stop recording.**

8. **In the "Confirm" display, select "Save" to save the data.**
After saving the data, press the [PLAY/PAUSE] button to listen to the recorded performance.

⚙ System menu

The System menu lets you make the overall settings applied to the entire instrument, format the USB flash drive, back up the instrument's settings, and more.
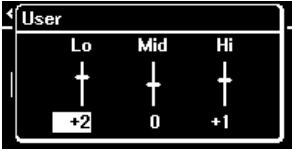
Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[＜]/[＞] buttons to select the desired parameter and change the settings.

Parameter		Description	Setting range	Default setting
Bluetooth	**Bluetooth**	Switches the Bluetooth function on/off. To connect the instrument with a Bluetooth-equipped device such as a smartphone, you need to turn this function on. **NOTE** Depending on the country in which you purchased the product, the instrument may not have Bluetooth capability.	On, Off	On
	Pairing	For registering (pairing) the Bluetooth-equipped audio player. This parameter is shown when "Bluetooth" above is set to "On." Pressing the [＞] button sets the instrument to standby for paring. This is the same status as when holding down the [�](Bluetooth) button (on the CLP-885/CLP-875/CLP-895GP) or [MENU] button (on the CLP-845/CLP-835/CLP-865GP) for 3 seconds. For details on connecting the instrument to a Bluetooth-equipped audio player, refer to the Owner's Manual. **NOTE** Only one smart device can be connected to this instrument at a time (although up to 8 smart devices can be paired to this instrument). When pairing with the 9th smart device has succeeded, pairing data for the device with the oldest connection date will be deleted.	–	–
Tuning	**Master Tune**	Fine tunes the pitch of the entire instrument. This function is useful when you play this instrument along with other instruments or CD music. **NOTE** These settings are not applied to the Drum Kit Voices or Audio Song. Also, these settings cannot be recorded to a MIDI Song.	(A3=) 414.8 Hz – 466.8 Hz (approx. 0.2 Hz steps)	(A3=) 440.0 Hz
	Scale Tune	Modern acoustic pianos are tuned almost exclusively in equal temperament, which divides one octave into twelve equal intervals. Likewise, this instrument employs equal temperament, but it can be changed to play in historical temperaments used in the 16th to 19th centuries. • **Equal** (Equal Temperament): One octave is divided into twelve equal intervals. Currently most popular piano tuning scale. • **PureMajor**, **PureMinor**: Based on natural overtones, three major chords using these scales produce a beautiful, pure sound. • **Pythag.** (Pythagorean): This scale was devised by Pythagoras, the famous Greek philosopher and is created from a series of perfect fifths, which are collapsed into a single octave. The 3rd in this tuning is slightly unstable, but the 4th and 5th are beautiful and suitable for some leads. • **MeanTone**: This scale was created as an improvement on the Pythagorean scale, by making the major third interval more "in tune." It was especially popular from the 16th century to the 18th century. Handel, among others, used this scale. • **Werck.** (Werckmeister), **Kirnberger**: These scales combine Mean Tone and Pythagorean in different ways. With these scales, modulation changes the impression and feel of the Songs. They were often used in the era of Bach and Beethoven. They are also often used now to reproduce the music of that era on harpsichords.	Equal, PureMajor, PureMinor, Pythag., MeanTone, Werck., Kirnberger	Equal

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[<]/[>] buttons to select the desired parameter and change the settings.

Parameter		Description	Setting range	Default setting
Tuning	**Base Note**	When Scale Tune is set to something other than "Equal," you need to set the base note. When the base note is changed, the pitch of the keyboard is transposed, yet maintains the original pitch relationship between the notes.	C, C♯, D, E♭, E, F, F♯, G, A♭, A, B♭, B	C
Keyboard	**Touch**	Determines how the sound responds to your playing strength. • **Soft 2:** Produces relatively high volume even with light playing strength. • **Soft 1:** Produces high volume with moderate playing strength. • **Medium:** Standard Touch Sensitivity. • **Hard 1:** Requires moderately strong playing for high volume. • **Hard 2:** Requires strong playing to produce high volume. • **Fixed:** The volume is fixed at the level set in "Fixed Velocity" below regardless of your playing strength. **NOTE** The settings here are not recorded to a MIDI Song nor transmitted as MIDI messages.	Soft 2, Soft 1, Medium, Hard 1, Hard 2, Fixed	Medium
	Fixed Velocity	Determines the velocity at which the sound is played when "Touch" above is set to "Fixed." **NOTE** The settings here are not recorded to a MIDI Song nor transmitted as MIDI messages.	1 – 127	64
	Duo	When this is set to "On," the keyboard is divided into two ranges, allowing you to play duets over the same octave range. For details, refer to "Playing by two players over the same octave range (Duo)" (page 28).	On, Off	Off
	–Type	Selects the sound balance between the left and right speakers while Duo is on. • **Separated:** The sound played by the left player is output from the left speaker(s), and the sound played by the right player is output from the right speaker(s). • **Balanced:** The sounds played by the right and left players are output through both speakers, with a natural balance of sound. **NOTE** When "Separated" is selected, Reverb (page 5), VRM (page 3) and Binaural (page 23) are turned off.	Separated, Balanced	Separated
	Split Point	Determines the Split Point (the border between the right-hand and left-hand areas) when Split or Duo is on. The specified Split Point key is included in the left-hand area. You can also set the Split Point by simultaneously holding down the [DUAL/SPLIT] button and pressing the key you wish to set as the Split Point with the Split or Duo function turned on.	A–1 – C7	F#2 (Split), E3 (Duo)

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[<]/[>] buttons to select the desired parameter and change the settings.

Parameter		Description	Setting range	Default setting
Pedal	Half Pedal Point	Here you can specify the point to which you must depress the right pedal before the assigned effect begins to be applied. This setting is effective only when the "Sustain (Cont.)" function (page 7) is assigned to the right pedal.	–2 (effective with the shallowest press) – 0 – +4 (effective with the deepest press)	0
	Soft Pedal Depth	Determines how deeply the Soft pedal effect is applied. This parameter is available only for the pedal to which "Soft" (page 7) is assigned.	1 – 10	5
	Pitch Bend Range	Determines the range of the pitch bend that is produced via the pedal in semitone steps. This setting is available only for the pedal to which "PitchBend Up" or "PitchBend Down" (page 7) is assigned. **NOTE** For some Voices, the pitch may not be changed according to the Pitch Bend Range value set here.	0 – +12 (pressing the pedal will raise/lower the pitch by 12 semitones)	2
	Play/Pause	Assigns the function of the [PLAY/PAUSE] button on the control panel to the left pedal or the center pedal. If a value other than "Off" is selected here, the corresponding pedal's function assigned in the "Voice" menu (page 7) is disabled.	Off, Left, Center	Off
Sound	Brilliance	Adjusts the overall brilliance of sound for this instrument. This setting is applied commonly to keyboard Voices, Song playback and MIDI input from the external device. • **Mellow 1 – 3:** Soft and mellow tone. The sound becomes more mellow and warmer as the number increases. • **Normal:** Standard tone. • **Bright 1 – 3:** Bright tone. The sound becomes brighter as the number increases. • **User:** Opens the "User" display, where you can create your own custom EQ settings. The EQ (Equalizer) is a sound processor that divides the frequency spectrum into multiple bands that can be boosted or cut as required to tailor the overall frequency response. This instrument allows you to adjust the gain for three frequency bands (Low/Middle/High). • Setting range: –6 dB – 0 – +6 dB • Default setting: 0 dB	Mellow 1 – 3, Normal, Bright 1 – 3, User	Normal
	IAC	Turns the IAC (Intelligent Acoustic Control) effect on or off. IAC is a function which automatically adjusts and controls the sound quality according to the overall volume of the instrument. IAC is effective only on the sound output of the instrument speakers or headphones. Even when the volume is low, this lets you hear both low sounds and high sounds clearly. Especially when using the headphones, the burden on the ears is reduced without raising the overall volume excessively.	On, Off	On
	–Depth	Determines the depth of the IAC. The higher the value, the more clearly the low/high sounds at lower volume levels.	–3 – +3	0

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[<]/[>] buttons to select the desired parameter and change the settings.

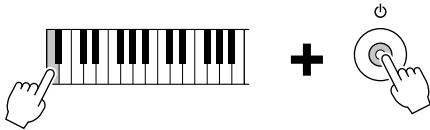| Parameter		Description	Setting range	Default setting
Sound	**Binaural**	Turns the Binaural Sampling function on or off. For the Voices having VRM effects, when the function is on and headphones are connected, the sound from this instrument changes to the sound of Binaural Sampling or the sound enhanced with the Stereophonic Optimizer, allowing you to enjoy more realistic sound. ■ **Binaural Sampling (only for "CFX Grand" and "Bösendorfer" Voice)** Binaural sampling is a method that uses two special microphones set at the ear position of a performer and records the sound from a piano as it is. Listening to the sound with this effect through headphones gives the impression of being immersed in the sound, as if it was actually emanating from the piano. When one of the corresponding Voices is selected, connecting the headphones automatically enables binaural sampling sound. ■ **Stereophonic Optimizer (only for Voices having VRM effects, excepting "CFX Grand" and "Bösendorfer")** The Stereophonic Optimizer is an effect which reproduces natural sound distance like the sound of binaural sampling even though you hear it on headphones. When one of the corresponding Voices is selected, connecting the headphones automatically enables the Stereophonic Optimizer. **NOTE** • When "Utility" > "Speaker" (page 25) in the System menu is set to "On," this function is disabled even when headphones are connected. • When Binaural is set to "On" and headphones are connected, these effects also affect the sound from the external speaker connected to the AUX OUT jacks or the sound for Audio recording, and may result in unusual or unnatural sound. If this happens, turn this function off.	On, Off	On
	Volume Limiter	Turns the Volume Limiter function on/off. When set to "On," the maximum volume of the entire sound is limited to prevent excessively loud volume and the icon (**◀LIM**) appears at the lower right of the Song display or the Voice display.	On, Off	Off
	–Limit Point	Determines the maximum volume when the Volume Limiter function is turned on. The setting value indicates the [VOLUME] slider position (MAX = 100%). The volume level will not increase even if you move the slider beyond this point.	10% – 100%	50%
MIDI	**MIDI OUT**	Determines the MIDI channel over which MIDI messages generated via the keyboard performance will be transmitted from the USB [TO HOST] terminal. When Dual, Split or Duo is on, the MIDI channels are assigned as follows. • Performance via the Right 1 Voice = n (setting value) • Performance via the Right 2 Voice = n+2 • Performance via the Left Voice = n+1	Ch1 – Ch16, Off (not transmitted)	Ch1

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[<]/[>] buttons to select the desired parameter and change the settings.

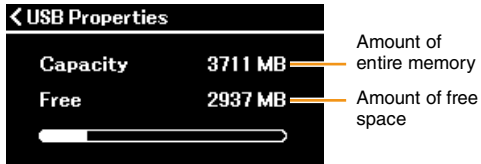| Parameter		Description	Setting range	Default setting
MIDI	**MIDI IN**	Determines which part of the instrument will be controlled by each channel data of the MIDI messages coming from the USB [TO HOST] terminal. • **Song:** Song part is controlled. • **Keyboard:** The entire keyboard performance is controlled regardless of the Dual/Split/Duo setting. • **R1:** The keyboard performance via the Right 1 Voice is controlled. • **R2:** The keyboard performance via the Right 2 Voice is controlled. • **L:** The keyboard performance via the Left Voice is controlled. • **Off:** No part is controlled.	Song, Keyboard, R1, R2, L, Off	(For all channels) Song
	Local Control	"Local Control On" is a state in which this instrument produces the sound from its tone generator when you play the keyboard. In "Local Control Off" state, the keyboard and the tone generator are cut off from each other. This means that even if you play the keyboard, this instrument will produce no sound. Instead, the keyboard data can be transmitted via MIDI to a connected MIDI device or computer, which can produce the sound. The "Local Control Off" setting is useful when you wish to play only an external sound source while playing the keys on this instrument.	On, Off	On
	Receive Param. (Parameter)	Determines which types of MIDI messages can be received or recognized by this instrument. **MIDI message types:** Note on/off, Control Change, Program Change, Pitch Bend, System Exclusive	On, Off	(For all messages) On
	Transmit Param. (Parameter)	Determines which types of MIDI messages can be transmitted from this instrument. **MIDI message types:** Note on/off, Control Change, Program Change, Pitch Bend, System Real Time, System Exclusive	On, Off	(For all messages) On
	Initial Setup	Transmits the current settings on the instrument, such as Voice selection, to a connected MIDI device or computer. Before you start recording your performance to a connected MIDI device or computer, execute this operation to record the current panel settings at the beginning of your performance data. It causes that the same panel settings are called up when the recorded performance is played back. To use this function, select "Execute," and then press the [>] button to transmit the instrument's settings as MIDI messages.	–	–
Backup	**Backup Setting**	This lets you set whether settings are maintained or not when the power is turned off. For details, refer to "Selecting parameters to be maintained when power is turned off (Backup Setting)" (page 29).	On, Off	"Voice" = Off "Other" = On
	Backup	This lets you save all User Song data and settings on the instrument to a connected USB flash drive as a backup file (extension: .bup). For details, refer to "Saving the Song data and instrument settings to USB flash drive (Backup)" (page 29).	–	–

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[<]/[>] buttons to select the desired parameter and change the settings.

Parameter		Description	Setting range	Default setting
Backup	**Restore**	This lets you load a backup file on a USB flash drive (extension: .bup) to the instrument and restore the User Songs and settings. For details, refer to "Loading a backup file saved on a USB flash drive to the instrument (Restore)" (page 30).	–	–
	Factory Reset	This lets you reset the backed up settings to their factory default. For details, refer to "Restoring the factory-programmed settings (Factory Reset)" (page 30).	–	–
Utility	**Speaker**	Lets you switch the instrument's speakers on/off. • **Normal:** The speakers produce sound only when headphones are not connected to the [PHONES] jack. • **On:** Speaker sound is always on. • **Off:** Speaker sound is off. **NOTE** When this is set to "On," "Binaural" (page 23) is disabled.	Normal, On, Off	Normal
	Audio Loopback	Determines whether audio input sound from the connected computer or smart device is output to a computer or a smart device or not along with the performance played on the instrument. For example, if you want to record the audio input sound as well as the sound played on the instrument by using the connected computer or smart device, set this to "On." If you intend to record only the sound played on the instrument by using the computer or smart device, set this to "Off." **NOTE** • In this manual, "audio input sound" refers to audio data that is input to the instrument from connected external devices using one of these methods: USB Audio Interface function, Bluetooth Audio function, [AUX IN] jack or Wi-Fi. • The sound cannot be output to a device connected by Bluetooth or the [AUX IN] jack. • With Audio recording on this instrument, the audio input sound from the external device is recorded when this is set to on, while the sound is not recorded when this is set to off. However, when the devices are connected via the Bluetooth Audio or [AUX IN] jack, the input sounds are always recorded regardless of the Audio Loopback on/off setting.	On, Off	On
	Auto Power Off	Lets you set the amount of time that elapses before the power is turned off by the Auto Power Off function. To disable the Auto Power Off function, select "Off." You can also disable the Auto Power Off function by turning the power on while holding down the lowest key on the keyboard. **NOTICE** **Any data which are not saved will be lost if the power automatically turns off. Make sure to save your data before this happens.**	Off, 5, 10, 15, 30, 60, 120 (minutes)	15

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[<]/[>] buttons to select the desired parameter and change the settings.

Parameter		Description	Setting range	Default setting
Utility	USB Properties	Shows the amount of free space and entire memory in the USB flash drive connected to the USB [TO DEVICE] terminal. Amount of entire memory Amount of free space	–	–
	USB Autoload	When this is set to "On," the Song saved in the root directory can be selected (shown on the display) automatically as soon as the USB flash drive is connected to the USB [TO DEVICE] terminal.	On, Off	Off
	USB Format	This lets you format or initialize the USB flash drive connected to the USB [TO DEVICE] terminal. To start formatting, select "Execute," and then press the [>] button. After formatting is completed, a message appears and the instrument returns to the Utility display after a while. **NOTICE** • **Executing the Format operation will delete all data saved in the USB flash drive. Save important data to a computer or another storage device.** • **Never turn off the power or disconnect the USB flash drive while "Executing" is shown in the display. Doing so may corrupt the USB flash drive and the data.**	–	–
	Contrast	Adjusts the contrast of the display.	–8 – +8	0
	Touch Panel Sound (CLP-885/CLP-875/CLP-895GP)	The control panel conveniently makes a confirmation sound when operated; this can be turned on/off here.	On, Off	On
	Auto Backlight Off (CLP-885/CLP-875/CLP-895GP)	Lets you set the time that elapses until the control panel and the display turn off, or lets you set them to remain on indefinitely (the "Off" setting).	Off, 10, 20, 30, 60 (seconds)	30
	Language	Determines the type of characters shown on the display for the System (general indication other than Song name) and Song (Song name) individually. **Character list:** International Japanese 	International, Japanese	International
	Version	Displays the model name and the firmware version of this instrument.	–	–

Operation:
Press the [MENU] button several times to select Voice menu, and then use the [∧]/[∨]/[<]/[>] buttons to select the desired parameter and change the settings.
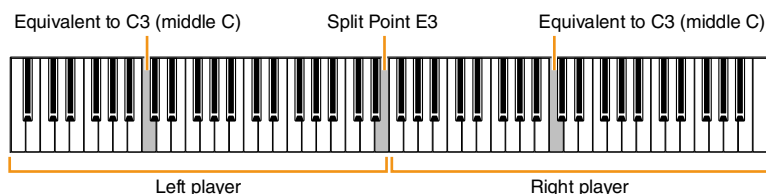
Parameter			Description	Setting range	Default setting
Utility	**Wireless LAN** * This appears only when the USB wireless LAN adaptor is connected.		Lets you make Wireless LAN (Wi-Fi) related settings. For details, refer to page 31.	–	–
	Wireless LAN Option * This appears only when the USB wireless LAN adaptor is connected.	**Wireless LAN Mode**	Determines whether to use an access point (Infrastructure Mode) or not (Accesspoint Mode).	Infrastructure Mode, Accesspoint Mode	Infrastructure Mode
		Initialize	Initializes the wireless LAN settings. Select "Execute," and then press the [>] button to initialize the settings.	–	–
		Detail	Displays the Host name, MAC address and the status of the network. The Host name can be changed. The method of entering characters is the same as "Rename" of the Song file (page 12).	(Host name) Up to 57 characters (half size) including alphanumeric characters, the "_" (underscore) and "-" (hyphen).	(Host name) CLP-***-xxxxxx (last 6 figures of MAC address)

Playing by two players over the same octave range (Duo)

This function allows two different players to play the instrument, one on the left and the other on the right. This is convenient for practicing duets over the same octave range.

1. **Turn the Duo function on from "Keyboard" > "Duo" in the System menu.**

   On the CLP-885/CLP-875/CLP-895GP, the [DUAL/SPLIT] button turns orange, and on the CLP-845/CLP-835/CLP-865GP, the [DUAL/SPLIT] button lights up. The keyboard is divided into two sections, with the E3 key as the Split Point. The Split Point key is included in the left player's area.

   Equivalent to C3 (middle C)   Split Point E3   Equivalent to C3 (middle C)

   Left player   Right player

   NOTE
   The Split Point can be set from "Keyboard" > "Split Point" in the System menu (page 21).

   The pedal function changes as follows.
   - Right Pedal: Damper pedal for the right player
   - Center Pedal: Damper pedal for both the right player and left player
   - Left Pedal: Damper pedal for the left player

2. **As necessary, press the [EXIT] button to call up the Voice display, and then use the [<]/[>] buttons or the [VOICE] button to select the desired Voice.**

   When Duo is on, the [Duo] indication is shown on the Voice display. Only one (shared) Voice can be selected for both the right player and left player.

   PIANO

   [Duo]
   CFX Grand

3. **Play the keyboard.**

   By default, the sound of the left player range is emitted from the left speaker, the sound of the right player range is emitted from the right Speaker.

   NOTE
   - If you set "Keyboard" > "Duo-Type" in the System menu (page 21) to "Balanced," the sounds played by both right and left players can be output through both speakers, with a natural balance of sound.
   - When Duo is turned on, the VRM effect (page 3) is not applied. If you set "Keyboard" > "Duo-Type" in the System menu (page 21) to "Separated," the Reverb (page 5) and Binaural (page 23) effects are also not applied.

4. **To turn off Duo, press the [DUAL/SPLIT] button.**

   NOTE
   You can also turn off Duo by pressing any one of the [CFX GRAND], [BOSENDORFER], or [PIANO ROOM] buttons, or by selecting "Off" on the display in step 1 above.

Selecting parameters to be maintained when power is turned off (Backup Setting)

The following data and settings (called backup data) are maintained even when the power is turned off. The parameters contained in "Backup Setting" can be set as to whether the settings are maintained or not when the power is turned off.

Backup data
- MIDI Songs saved in "User" category
- Following settings in the System menu
  - "Bluetooth" > "Bluetooth" (page 20)
  - "Keyboard" > "Duo-Type" (page 21)
  - "Utility" (page 25)
  - Parameters set to "On" in "Backup" > "Backup Setting"

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1. **Call up "Backup" > "Backup Setting" in the System menu.**

2. **Select "On" (to maintain data) or "Off" (not to maintain data) for each of "Voice" and "Other."**
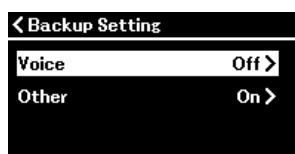
- **Parameters contained in "Voice":**
  - Voice selection
  - All the parameters other than "Transpose" in Voice menu

- **Parameters contained in "Other":**
  - Song menu: Repeat, Volume (Song- Keyboard), Volume (Audio Song), Quick Play, Play Track
  - Metronome/Rhythm menu: Volume, Bell, BPM, Intro, Ending, Bass
  - System menu: Tuning, Keyboard (except Duo and Duo Type), Pedal, Sound, MIDI

3. **After making settings, press the [EXIT] button to exit from the System menu.**

Saving the Song data and instrument settings to USB flash drive (Backup)

The Song data saved to the "User" category and the instrument settings can be saved to a USB flash drive as a backup file (extension: .bup). This backup file can be loaded to the instrument via the Restore function (page 30) for future recall. For information on specific data contained in the backup file, refer to "Backup data" above.

NOTICE
- **If the same backup file (clp-***.bup) is already saved in the USB flash drive, this operation overwrites or replaces this file with the new one.**
- **It may take 1 – 2 minutes to complete this operation. Never turn off the power while "Executing" is shown. Doing so may result in damage to the data.**

1. **Connect the USB flash drive to the USB [TO DEVICE] terminal.**

2. **Call up "Backup" > "Backup" in the System menu.**

3. **Select "Execute" and press the [>] button to start saving data to the USB flash drive.**
   After the data is saved, a message indicating that the operation is completed appears.

Loading a backup file saved on a USB flash drive to the instrument (Restore)

By loading the backup file (extension: .bup) saved in the USB flash drive, User Songs and the instrument settings can be restored.

NOTICE
- **If any Songs exist in the "User" location of the instrument, executing the restore operation deletes all these Songs. Make sure to move the important data to the USB flash drive from "File" > "Move" (page 10) in the Song menu before executing this operation.**
- **It may take 1 – 2 minutes to complete this operation. Never turn off the power while "Executing" is shown. Doing so may result in damage to the data.**

1. Connect the USB flash drive containing the backup file to the USB [TO DEVICE] terminal.

2. Call up "Backup" > "Restore" in the System menu.

3. Select "Execute" and press the [>] button to start loading the data to the instrument.

A message indicating that the operation is completed appears, and then the instrument will be restarted.

Restoring the factory-programmed settings (Factory Reset)

The Factory Reset function initializes the settings of the instrument to the factory default. The MIDI Songs saved to the "User" category and Bluetooth paring information are not lost even when Factory Reset is executed.

NOTICE
Never turn off the power while "Executing" is shown in the display. Doing so may result in damage to the data.

1. Call up "Backup" > "Factory Reset" from the System menu.

2. Select "Execute" and press the [>] button to start initializing.

A message indicating that the operation is completed appears, and then the instrument will be restarted.

Alternate method for Factory Reset
You can also restore the factory-programmed settings by the following method.
While holding down the highest key, press the [⏻] (Standby/On) switch to turn on the power.

Highest key

[⏻] (Standby/On) switch
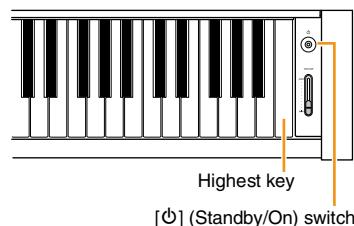
NOTE
All MIDI Songs saved to "User" can be deleted via "File" > "Delete All" in the Song menu. For details, refer to "Managing the Song files" (page 12).

Making wireless LAN (Wi-Fi) settings

To connect the instrument with a smart device by wireless LAN (Wi-Fi), the separately sold USB wireless LAN adaptor UD-WL01 is necessary.

NOTICE
Do not connect this product to a public Wi-Fi and/or Internet service directly. Only connect this product to the Internet through a router with strong password protections. Consult your router manufacturer for information on optimum security practices.

NOTE
The USB wireless LAN adaptor (UD-WL01) may not be available depending on your area.

1. Connect the USB wireless LAN adaptor UD-WL01 to the USB [TO DEVICE] terminal on the instrument.

2. Select the connection mode from "Utility" > "Wireless LAN Option" > "Wireless LAN Mode" in the System menu.

Infrastructure Mode	This mode uses an access point for data communication between the USB wireless LAN adaptor (UD-WL01) and a network. You can use this mode when you connect to another network while a smart device is connected to the instrument. • When the access point supports WPS: No need to make settings on the instrument. Press the WPS button on the USB wireless LAN adaptor for longer than three seconds, and then press the WPS button on your access point within two minutes. **NOTE** For information on the confirmation and changes in the access point settings, refer to the manual of the access point. • When the access point does not support WPS (or you are unsure): From the network list shown on the instrument, select the desired one to connect.
Accesspoint Mode	This mode allows you to directly connect the USB wireless LAN adaptor and a smart device, without the need for using an access point. You can use this mode when there is not any access point available for connection to the instrument, or when it is unnecessary to connect to another network while a smart device is connected to the instrument.

3. Make the necessary settings from "Utility" > "Wireless LAN" in the System menu.

The parameters shown in the display differ between "Infrastructure Mode" and "Accesspoint Mode." For information on the Infrastructure mode, see below, and for the Access point mode, see page 32.

• **For the Infrastructure mode:**
From "Select Network," select the desired network in the list. If you want to connect to a network not shown in the list, select "Other" at the very end of the list. When you select "Other," make the SSID, Security and password settings, and then select "Connect" to execute.
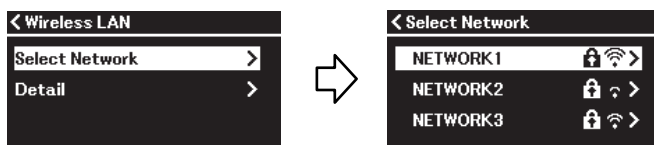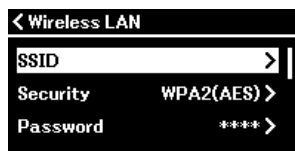
As necessary, return to the "Wireless LAN" display and make "Detail" settings. After making settings in the "Detail" display, make sure to save them by executing "Save."

	Parameter	Description	Setting range	Default setting
Select Network	**(Networks)**	Connects to an access point by selecting the network. For a network having a lock icon ( ), you need to enter the password. The method of entering characters is the same as in "Rename" of the Song file (page 13).	–	–

Parameter			Description	Setting range	Default setting
Select Network	**Other**	**SSID**	Sets the SSID. The method of entering characters is the same as in "Rename" of the Song file (page 13).	Up to 32 characters (half size), alphanumeric characters, marks	–
		Security	Sets the Security.	NONE, WEP, WPA2-PSK(AES), WPA/WPA2 mixed PSK	NONE
		Password	Sets the Password. The method of entering characters is the same as in "Rename" of the Song file (page 13).	Up to 64 characters (half size), alphanumeric characters, marks	–
		Connect	Connects the network with the settings made in the "Other" display.	–	–
Detail	**DHCP**		Sets the wireless LAN detailed settings. IP Address, Subnet Mask, Gateway, DNS Server1, DNS Server2 can be set when DHCP is set to Off while cannot be set when DHCP set to On. Use the [<]/[>] buttons to select each octet in the entry display, then enter the value using the [∧]/[∨] buttons. To finalize the setting, press the [MENU] button.	On/Off	On
	IP Address			0.0.0.0– 255.255.255.255	0.0.0.0
	Subnet Mask			0.0.0.0– 255.255.255.255	0.0.0.0
	Gateway			0.0.0.0– 255.255.255.255	0.0.0.0
	DNS Server 1, 2			0.0.0.0– 255.255.255.255	0.0.0.0
	Save		Saves the settings in the "Detail" display.	–	–

- **For the Access Point mode:**
  Make the SSID, Security, password and channel settings to use the instrument as an access point. After making settings in this display, be sure to save them by executing "Save."

Parameter	Description	Setting range	Default setting
SSID	Sets the SSID as an access point. The method of entering characters is the same as in "Rename" of the Song file (page 13).	Up to 32 characters (half size), alphanumeric characters, marks	ap-CLP-***-xxxxxx (last 6 figures of MAC address)
Security	Sets the Security as an access point.	NONE, WEP, WPA2-PSK(AES), WPA/WPA2 mixed PSK	NONE
Password	Sets the Password as an access point. The method of entering characters is the same as in "Rename" of the Song file (page 13).	Up to 64 characters (half size), alphanumeric characters, marks	–
Channel	Sets the channel as an access point.	Differs depending on the USB wireless LAN adaptor models. • Models for United States and Canada: 1–11 • Others: 1–13 When no USB wireless LAN adaptor is connected, setting range is channels 1–13.	11

Parameter	Description	Setting range	Default setting
DHCP Server	Sets the IP address related settings.	On, Off	On
IP Address		192. 168. 0–255. 1–254.	192.168.0.1
Subnet Mask		255.255.0.0, 255.255.128.0, 255.255.192.0, 255.255.224.0, 255.255.240.0, 255.255.248.0, 255.255.252.0, 255.255.254.0, 255.255.255.0	255.255.255.0
Save	Saves the settings you set in the "Wireless LAN" display (in the Access point mode).	–	–

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