



CK88
CK61

STAGE KEYBOARD

Supplementary Manual

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New Functions in CK Version 1.10

The following functions have been added to the CK88 and CK61 due to the firmware version upgrade.
This manual describes additions and changes with respect to the Owner's Manual that came with your instrument.

- Additional new MENU parameter: *Part SW Mode*
- Additional new SETTING parameter: *Pan*
- Additional new Rotary Speaker parameters: *Balance, Stereo/Mono, Speed, Acceleration and Transition*
- Additional new *Play Mode* parameter: *Hold*
- Additional new shortcut operation to the *Master Tune*

Additional new MENU parameter: *Part SW Mode*

[MENU] button → *General* → *Control Panel* → *Part SW Mode*

A new mode *Part SW Mode* has been added to the Part [ON/OFF] button.

General

Function name		Description
<i>Control Panel</i>	<i>Part SW Mode</i>	<p>Determines the behavior of the sound as it is muted when turning the Part [ON/OFF] off.</p> <ul style="list-style-type: none">• <i>Realtime</i>: When the Part [ON/OFF] switch is turned OFF, the sound of the corresponding Part stops immediately.• <i>Next-Key</i>: When the Part [ON/OFF] switch is turned OFF, the note for the key being pressed continues to be played until that key is released. The sound of the corresponding Part stops from the next note(s). <p>Default: <i>Realtime</i></p>

Additional new SETTING parameter: *Pan*

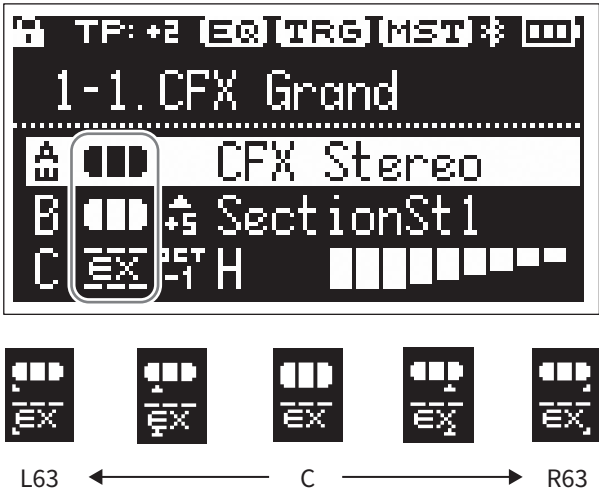
[SETTINGS] button → *Sound* → (Part) → *Pan*

A new parameter *Pan* has been added to *Part A*, *Part B* and *Part C* of the SETTINGS.

Sound

Function name		Description
<i>Part A</i>	<i>Pan</i>	Determines the stereo panning of each part.
<i>Part B</i>		Settings: L63 – C – R63
<i>Part C</i>		Default: C (Center)

When the *Pan* is set to other than C (Center), its indicator appears under the Split and Layer icon of the Top screen.



Additional new Rotary Speaker parameters: *Balance*, *Stereo/Mono*, *Speed*, *Acceleration* and *Transition*

[SETTINGS] button → *Sound* → *Common* → *Rotary A* or *Rotary B*

New Rotary Speaker parameters *Balance*, *Stereo/Mono*, *Speed*, *Acceleration* and *Transition* have been added. The parameter types and values differ between *Rotary A* and *Rotary B*.

Sound

Function name			Description
Common	Rotary A	<i>Balance</i>	Determines the volume balance between the horn (H: treble) and the rotor (R: bass). Settings: R63>H – R=H – R<H63 Default: R<H6
		<i>Stereo/Mono</i>	Determines whether to use stereo or mono output for <i>Rotary A</i> . Settings: <i>Stereo</i> , <i>Mono</i> Default: <i>Stereo</i>
		<i>Speed</i>	Determines the speed for the horn (treble) and rotor (bass) for the Slow and Fast states of the rotary speaker.
		<i>Horn Slow</i>	Settings: 23.0 – 89.6 rpm Default: 45.4 rpm
		<i>Rotor Slow</i>	Settings: 22.7 – 88.3 rpm Default: 44.8 rpm
		<i>Horn Fast</i>	Settings: 209.4 – 817.6 rpm Default: 454.2 rpm
		<i>Rotor Fast</i>	Settings: 189.3 – 736.8 rpm Default: 413.8 rpm
		<i>Acceleration</i>	Determines the speed of acceleration and deceleration for the horn (treble) and rotor (bass) of the rotary speaker.
		<i>Horn Acceleration</i>	Settings: 0.21 – 2.00 Default: 1.10
		<i>Rotor Acceleration</i>	Settings: 0.21 – 2.00 Default: 1.00
		<i>Horn Deceleration</i>	Settings: 0.21 – 2.00 Default: 1.00
		<i>Rotor Deceleration</i>	Settings: 0.21 – 2.00 Default: 1.00

Function name		Description
<i>Rotary B</i>	<i>Balance</i>	<p>Determines the volume balance between the horn (H: treble) and the rotor (R: bass).</p> <p>Settings: R63>H – R=H – R<H63</p> <p>Default: R<H16</p>
	<i>Stereo/Mono</i>	<p>Determines whether to use stereo or mono output for <i>Rotary B</i>.</p> <p>Settings: <i>Stereo, Mono</i></p> <p>Default: <i>Stereo</i></p>
	<i>Speed</i>	<p>Determines the speed for the horn (treble) and rotor (bass) for the Slow and Fast states of the rotary speaker.</p>
	<i>Horn Slow</i>	<p>Settings: 2.5 – 159.0 rpm</p> <p>Default: 55.5 rpm</p>
	<i>Rotor Slow</i>	<p>Settings: 2.5 – 159.0 rpm</p> <p>Default: 60.5 rpm</p>
	<i>Horn Fast</i>	<p>Settings: 161.5 – 2382 rpm</p> <p>Default: 403.7 rpm</p>
	<i>Rotor Fast</i>	<p>Settings: 161.5 – 2382 rpm</p> <p>Default: 363.4 rpm</p>
	<i>Transition</i>	<p>Set the degree of acceleration and deceleration each of the horn (treble) and rotor (bass) of the rotary speaker.</p>
	<i>Horn Transition</i>	<p>Settings: 0 – 127</p> <p>Default: 118</p>
	<i>Rotor Transition</i>	<p>Settings: 0 – 127</p> <p>Default: 116</p>

Additional new *Play Mode* parameter: *Hold*

[SETTINGS] button → *Function* → *Audio Trigger* → *Play Mode*

A new audio file playback mode *Hold* has been added.

Function

Function name		Description
<i>Audio Trigger</i>	<i>Play Mode</i>	<p>Sets the playback mode for the audio file.</p> <ul style="list-style-type: none">• <i>One Shot</i>: Plays back the audio file from the beginning every time the key is pressed.• <i>Play/Stop</i>: Starts or stops the playback of the audio file each time the key is pressed. The playback starts from the beginning of the file.• <i>Play/Pause</i>: Starts or pauses the playback of the audio file each time the key is pressed. The playback resumes from the paused place.• <i>Hold</i>: Plays back the audio file from the beginning during the time the key is pressed. The audio file play stops when the key is released. <p>Default: <i>One Shot</i></p>

Additional new shortcut operation to the *Master Tune*

The *Master Tune* setting screen appears when the [ENTER] button is pressed simultaneously with either the VALUE [^] button or the VALUE [v] button.

