EXPANDABLE SYNTHESIZER

XPS-30

Owner's Manual

Roland

Contents

📖 **Owner's Manual** (this document)

Read this first. It explains the basic things you need to know in order to use the XPS-30.

PDF manual (download from the Web)

- **Parameter Guide** (English)
  This explains all parameters of the XPS-30.
- **MIDI Implementation** (English)
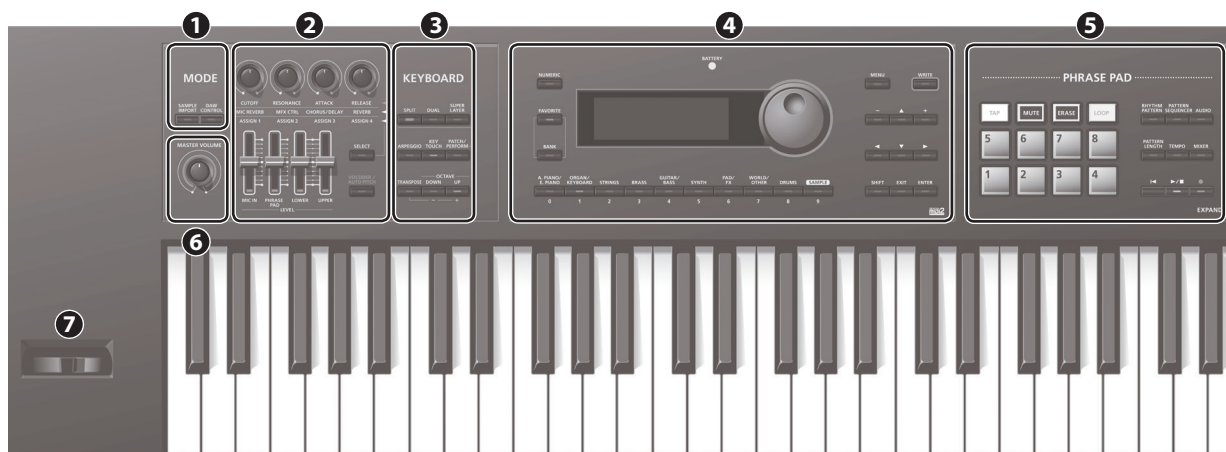 This is detailed information about MIDI messages.

💻 **To obtain the PDF manual**

1. Enter the following URL in your computer.
   http://www.roland.com/manuals/
   ▼
2. Choose "XPS-30" as the product name.

Panel Descriptions

Top Panel

| Controller	Explanation	Page
① MODE		
[SAMPLE IMPORT] button	Used to import an audio file (sample) into the XPS-30.	p. 9
[DAW CONTROL] button	Used to control DAW software from the XPS-30. For details, refer to "Parameter Guide (English)" (PDF).	
MEMO		
You can move to the EDIT MENU screen by pressing the [SAMPLE IMPORT] button and [DAW CONTROL] button simultaneously.		
②		
Control knobs	Control the parameters that you've selected by the [SELECT] button.	p. 7
[SELECT] button	Selects the group of parameters that is controlled by the Control knobs.	
[MIC IN] LEVEL slider	Adjusts the volume of the input from MIC INPUT jack.	p. 8
[PHRASE PAD] LEVEL slider	Adjusts the volume of the rhythm pattern / audio player.	p. 11 p. 12
[LOWER] LEVEL slider	Split: Adjusts the volume of the lower part. Dual: Adjusts the volume of part 2.	p. 6
[UPPER] LEVEL slider	Split: Adjusts the volume of the upper part. Dual: Adjusts the volume of part 1.	
[VOCODER/AUTO PITCH] button	Accesses settings for the Vocoder function and Auto Pitch function.	p. 8
③ KEYBOARD		
[SPLIT] button	Turns the split function on/off.	p. 6
[DUAL] button	Turns the dual function on/off.	
[SUPER LAYER] button	Turns the super layer function on/off.	
[ARPEGGIO] button	Turns the arpeggiator on/off.	p. 8
[KEY TOUCH] button	Used to change the touch response of the keyboard. If the touch response is set so that all notes sound at a fixed volume regardless of your playing dynamics, this button is unlit.	p. 7
[PATCH/PERFORM] button	When this button is on (lit), the XPS-30 is in Performance mode. When this button is off (unlit), the XPS-30 is in Patch mode.	p. 5
[TRANSPOSE] button	Hold down this button and use the OCTAVE [DOWN] [UP] buttons to raise or lower the pitch range in semitone steps.	p. 7
OCTAVE [DOWN] [UP] buttons	Raise or lower the pitch range in steps of an octave.	p. 7
④		
[NUMERIC] button	When this button is on (lit), you can use the [0]–[9] buttons to enter numeric values.	p. 4
[FAVORITE] button	Turns the Favorite function on/off.	p. 7
[BANK] button	When this button is on (lit), you can use the [0]–[9] buttons to select Favorite banks.	
BATTERY indicator	The indication changes depending on the remaining battery amount.	p. 3
Display	Shows various information depending on operation.	
Value dial	Changes a value. If you hold down the [SHIFT] button and turn the dial, the value changes more greatly.	p. 4
[A. PIANO/E. PIANO]–[SAMPLE] (Category) buttons ([0]–[9] buttons)	Select categories (types) of sound (such as patches or drum kits). You can also use the value dial to select other sounds within the same category. *　When the [NUMERIC] button is on (lit), these buttons operate as [0]–[9] buttons to enter numeric values.	p. 5
[MENU] button	Displays a menu screen.	p. 4 p. 16
[WRITE] button	Saves the modified settings in internal memory.	p. 10

Controller	Explanation	Page
[–] [+] buttons	Changes a value. *　If you press one of these buttons while holding down the other, the value changes more rapidly. If you press one of these buttons while holding down the [SHIFT] button, the value changes more greatly.	p. 4
[▲] [▼] [◄] [►] buttons	Move the cursor position up/down/left/right.	p. 4
[SHIFT] button	Accesses the corresponding edit screen when pressed together with another button.	p. 4 p. 24
[EXIT] button	Exits a screen or cancels an operation.	p. 4
[ENTER] button	Used to execute an operation.	
⑤ PHRASE PAD		
[TAP] button	Sets the tempo to the interval at which you press this button during pattern playback.	p. 11 p. 13
[MUTE] button	When using the pattern sequencer, mutes the specified track.	p. 13
[ERASE] button	When using the pattern sequencer, erases the recorded pattern or a portion of the pattern.	p. 14
[LOOP] button	When using the pattern sequencer, turns loop playback/recording on/off.	p. 13
Pads [1]–[8]	Play back phrases (rhythm patterns / patterns / samples) that are assigned to the pads.	
[RHYTHM PATTERN] button	Press this button to use rhythm patterns.	p. 11
[PATTERN SEQUENCER] button	Press this button to use the pattern sequencer.	p. 13
[AUDIO] button	Press this button to use the "audio player" which plays back audio files from a USB flash drive.	p. 12
[PATTERN LENGTH] button	Changes the number of measures in the pattern.	p. 14
[TEMPO] button	Adjusts the tempo.	p. 11
[MIXER] button	When using the pattern sequencer, specifies settings such as level or pan for each track.	p. 13
[◄◄] button	Moves to the beginning of the pattern or audio file.	p. 11
[►/■] button	Starts/stops playback of the rhythm pattern, pattern, or audio file that is selected for the rhythm pattern function, the pattern sequencer, or the audio player.	p. 11 p. 12 p. 13
[●] button	When using the pattern sequencer, press this button to record a pattern.	p. 13
⑥		
[MASTER VOLUME] knob	Adjusts the volume that is output from the OUTPUT jacks and the PHONES jack.	p. 5
⑦		
Pitch bend/Modulation lever	Varies the pitch or applies vibrato.	

Rear Panel (Connecting Your Equipment)

Microphone

External audio player

Amplified speakers

Headphones

MIDI device
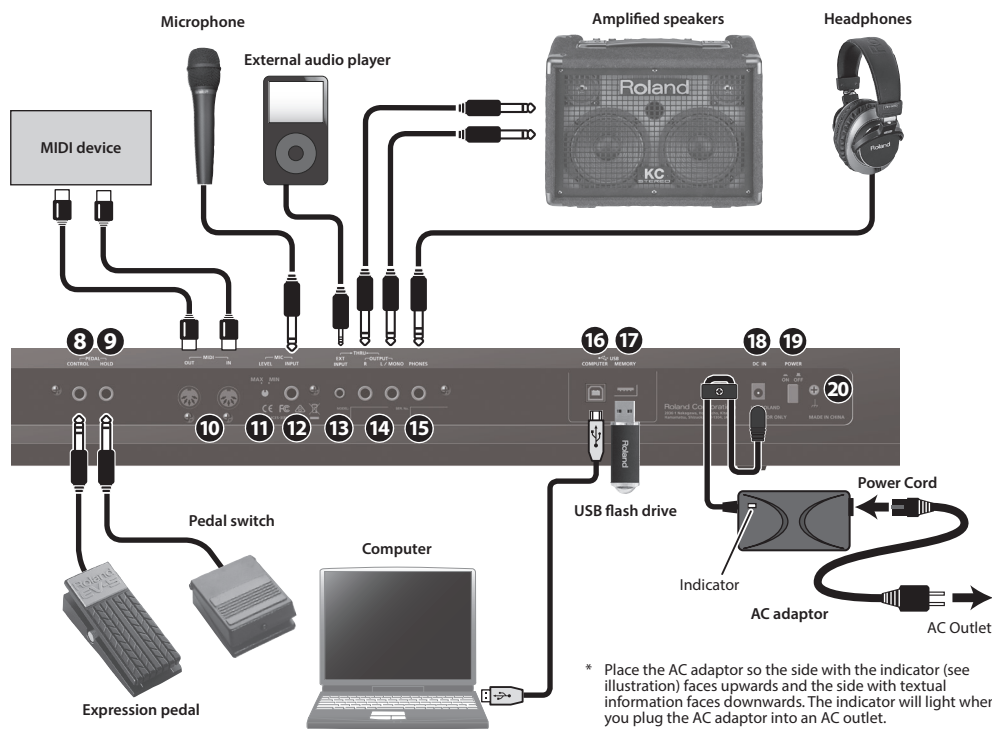
* To prevent malfunction and equipment failure, always turn down the volume, and turn off all the units before making any connections.

⑧ ⑨ ⑯ ⑰ ⑱ ⑲ ⑳

⑩ ⑪ ⑫ ⑬ ⑭ ⑮

Pedal switch

USB flash drive

Computer

Power Cord

Expression pedal

Indicator

AC adaptor

AC Outlet

* Place the AC adaptor so the side with the indicator (see illustration) faces upwards and the side with textual information faces downwards. The indicator will light when you plug the AC adaptor into an AC outlet.

Concerning the Auto Off Function

The power to this unit will be turned off automatically after a predetermined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function). If you do not want the power to be turned off automatically, disengage the Auto Off function (p. 16).

NOTE
- Any settings that you are in the process of editing will be lost when the power is turned off. If you have any settings that you want to keep, you should save them beforehand.
- To restore power, turn the power on again.

	Jack/Controller	Explanation	Page
⑧	PEDAL CONTROL jack	You can connect an expression pedal (EV-5; sold separately) or pedal switch (DP series; sold separately) here and use them to control various parameters or functions. * Use only the specified expression pedal (EV-5; sold separately). By connecting any other expression pedals, you risk causing malfunction and/or damage to the unit.	p. 16
⑨	PEDAL HOLD jack	You can connect a pedal switch (DP series; sold separately) and use it as a hold pedal.	
⑩	MIDI IN, OUT connectors	For connecting a MIDI device.	
⑪	MIC [LEVEL] knob	Adjusts the input level of the MIC INPUT jack.	p. 8
⑫	MIC INPUT jack	Connect your microphone here.	
⑬	EXT INPUT jack	Connect your external audio player or audio device here.	
⑭	OUTPUT R, L/MONO jacks	These output the audio signal in stereo to your amp or mixer. If you're outputting in mono, connect only the L/MONO jack.	
⑮	PHONES jack	Connect your headphones (sold separately) to this jack.	
⑯	USB COMPUTER port	Use a commercially available USB 2.0 cable to connect this unit to your computer. You can synchronize it with a DAW on your computer via USB MIDI, and record the sound of the XPS-30 into your DAW via USB audio.	
⑰	USB MEMORY port	Connect a USB flash drive (sold separately) here. You can use a USB flash drive to play audio files or to back up data. * Use USB Flash Memory sold by Roland. We cannot guarantee operation if other products are used. * Never insert or remove the USB flash drives while this unit is turned on. Doing so may corrupt the unit's data or the data on the USB flash drives. * Carefully insert the USB flash drives all the way in—until it is firmly in place.	p. 9 p. 12 p. 17
⑱	DC IN jack	Connect the included AC adaptor here. * To prevent the inadvertent disruption of power to your unit (should the plug be pulled out accidentally), and to avoid applying undue stress to the jack, anchor the power cord using the cord hook, as shown in the illustration.	
⑲	[POWER] switch	This turns the power on/off.	p. 5
⑳	Ground terminal	Refer to "Ground Terminal" (p. 21).	

Installing Batteries

If eight commercially available AA nickel-metal hydride batteries are installed, you'll be able to play the XPS-30 without connecting the AC adaptor.

1. While pressing the tabs of the battery compartment cover on the bottom panel, remove the cover.
* When turning the unit over, be careful so as to protect the buttons and knobs from damage. Also, handle the unit carefully; do not drop it.

2. Insert the batteries into the battery compartment, taking care to observe the correct polarity.
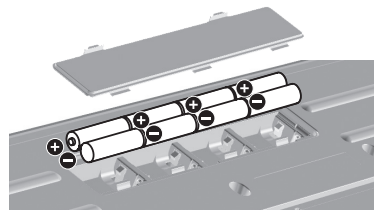
3. Securely close the battery compartment cover.

NOTE

If you handle batteries improperly, you risk explosion and fluid leakage. Make sure that you carefully observe all of the items related to batteries that are listed in "USING THE UNIT SAFELY" and "IMPORTANT NOTES" (leaflet "USING THE UNIT SAFELY" and Owner's manual (p. 21)).

When to replace the batteries (BATTERY indicator)

When the batteries run down, the BATTERY indicator will light or blink.
- The BATTERY indicator will light when the batteries run low.
- If you continue using the XPS-30, the indicator will blink; please replace the batteries.

NOTE
- If you continue use even though the indicator is blinking, the display will indicate "Battery Low!" and further operation will be impossible.
- The BATTERY indicator is only an approximation.

Overview

How the XPS-30 Is Organized

Controller section

The performance information generated when you press/release a key or press a hold pedal are transmitted to the sound generator section.
This section consists of a keyboard, pitch bend/modulation lever, the panel buttons and knobs, and pedals connected to the rear panel.

Sound Generator section

This section receives performance information sent from the controller section, and sounds a patch or performance accordingly.

Effects

MFX (Multi effects)	Provides 80 types of effect, such as distortion and flanger.
Chorus/Reverb	A chorus/reverb unit that can be used independently of the chorus/reverb effects of the MFX unit. Chorus can also be used as a delay.

* MFX and chorus/reverb can have different settings for each patch and performance.

Phrase Pad

These play the phrases that are assigned to pads [1]–[8].

Rhythm Pattern	The pads play dedicated rhythm patterns.
Pattern Sequencer	The pads record patterns of several measures, and play them back while you perform.
Audio Player	The pads play audio files from a USB flash drive.

Patch

A patch is a sound that you can perform. Each patch consists of up to four "tones," and you can create a wide variety of sounds by combining tones.

Drum Kit

A drum kit is a collection of percussion instrument sounds or sound effects. Each different key (note number) plays a different percussion instrument or sound effect.

Sample

These are sounds created by Sample Import (p. 9).

Performance

A performance lets you assign a different patch, drum kit, or sample to each of 16 parts, allowing you to use 16 different sounds simultaneously.
The following settings are also saved as performance settings.

SPLIT	Use different sounds for the right and left hands
DUAL	Layer two sounds
SUPER LAYER	Layer a single sound to create a richer feeling

When you select Split or Dual, the patches of part 1 and part 2 are used.

"**Patch mode**" is when you select and play a single patch (or drum kit or sample).
"**Performance mode**" is when you select and play a performance.
When using SPLIT/DUAL/SUPER LAYER, you'll always be in Performance mode (the [PATCH/PERFORM] button is lit).
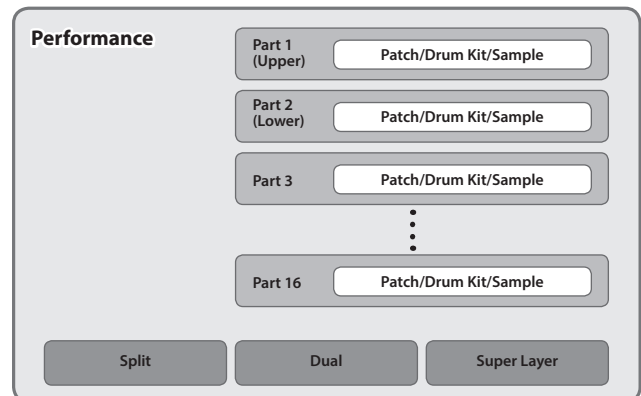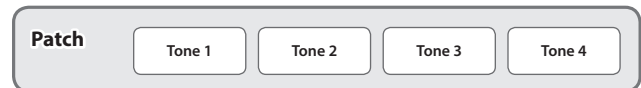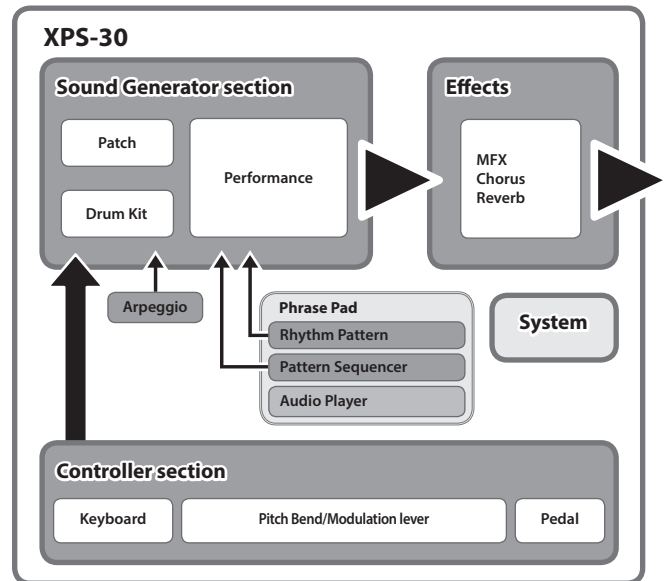
Basic Operation

Move the cursor

To change a selection or parameter setting that's shown in the screen, use the [▲] [▼] [◀] [▶] buttons to move the cursor to the value of the parameter that you want to change.
If you hold down a cursor button, the cursor continues to move.
If you hold down the cursor button of a certain direction and then press the cursor button of the opposite direction, the cursor moves faster.

Changing a value

To change the value that's highlighted by the cursor, use the value dial or the [–] [+] buttons.
- If you hold down the [SHIFT] button while performing this operation, the value will change more greatly.
- In case of [–] [+] buttons, If you hold down one button and press the other button, the value will change faster.

Entering numeric values

When the [NUMERIC] button is on (lit), you can use the [0]–[9] buttons to enter numeric values.
Press the [0]–[9] buttons to enter a numerical value, and then press the [ENTER] button.

[ENTER] button

Use this button to confirm a value or execute an operation.

[EXIT] button

Use this button to exit a screen or to cancel an operation without executing it.

[MENU] button

From the menu you can select detailed sound settings (editing), system settings, or utility functions.

Saving your settings

When you press the [WRITE] button, the WRITE MENU screen appears, allowing you to save a patch (drum kit) or performance.

Shortcut

By holding down the [SHIFT] button and pressing another button, you can move to the setting screen for the button you pressed.
For details, refer to "Shortcut List" (p. 24).

Playing the XPS-30

Turning On/Off the Power

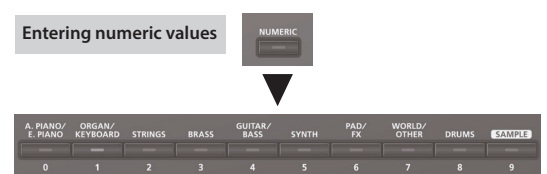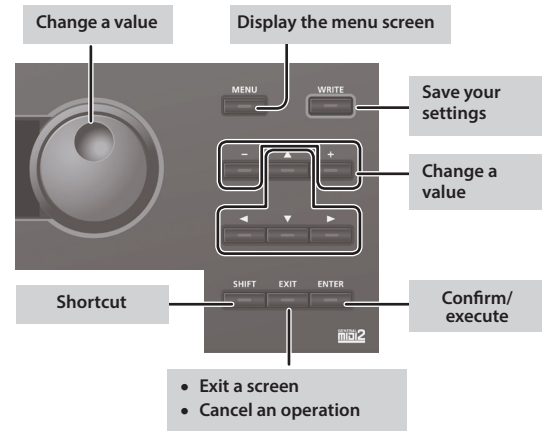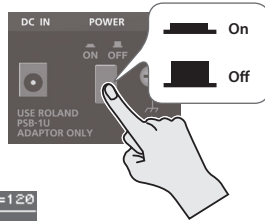Before turning the unit on/off, always be sure to turn the volume down. Even with the volume turned down, you might hear some sound when switching the unit on/off. However, this is normal and does not indicate a malfunction.

1. **Turn the power on in the following order: this unit → connected devices.**

* This unit is equipped with a protection circuit. A brief interval (a few seconds) after turning the unit on is required before it will operate normally.

A screen like the following appears.

PATCH MFX REV CHO E ® MIC REV ♩=120
PRST 0002 (PNO:AC.Piano)
Pf:002 88StageGrand
OCT LEVEL
STOP PREVIEW:[EXIT] 0 116
CUTOFF RESONANCE ATTACK RELEASE

* The explanations in this manual include illustrations that depict what should typically be shown by the display. Note, however, that your unit may incorporate a newer, enhanced version of the system (e.g., includes newer sounds), so what you actually see in the display may not always match what appears in the manual.

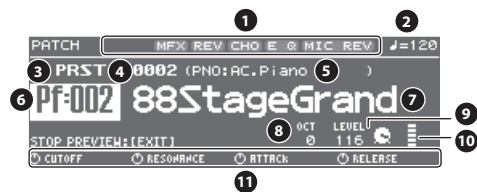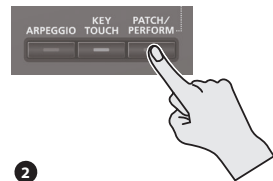**2.** **Turn the [MASTER VOLUME] knob to adjust the volume.**

Turning the Power Off

1. **Turn the power off in the following order: connected devices → this unit.**

Playing a Single Tone (Patch Mode)

1. **Make sure that the [PATCH/PERFORM] button is unlit.**
If the [PATCH/PERFORM] button is lit, press the [PATCH/PERFORM] button to make it go dark. The XPS-30 is in Patch mode, and the PATCH screen appears.

No.	Explanation	No.	Explanation
①	Effect on (lit)/off (unlit)	⑦	Patch name
②	Tempo	⑧	Octave Shift setting
③	Patch bank	⑨	Patch level
④	Bank number	⑩	Level meter
⑤	Sub category	⑪	Parameters that can currently be adjusted by the control knobs
⑥	Category number		

2. **Press a category button ([A. PIANO/E. PIANO]–[SAMPLE]) to select a category.**

Category	Explanation
A. PIANO/E. PIANO	Piano
ORGAN/KEYBOARD	Organ, Keyboard
STRINGS	Strings
BRASS	Brass, Woodwinds
GUITAR/BASS	Guitar, Bass
SYNTH	Synthesizer
PAD/FX	Pads, Sound effects
WORLD/OTHER	Ethnic instruments, other
DRUMS	Rhythm set
SAMPLE	Sample (imported audio files)

Patches are organized into categories which are assigned to buttons. Each category is further divided into several sub-categories.

3. **Use the value dial to select a patch.**

MEMO

Patches whose category number is marked with an "S" (e.g., Pf: S01) are specially recommended sounds.

Selecting a bank

1. **Move the cursor to bank, and use the value dial to select a bank.**

Bank	Explanation
PRST (Preset)	These patches cannot be rewritten. The edited result is saved in the user bank.
EXP	This bank is for expansion sounds. A wide range of tones from the Axial sound library site can be added to this unit. For details, refer to the Axial site. http://axial.roland.com/
GM (GM2)	This bank is for GM2 sounds. These sounds cannot be edited.
USER	Patches, drum kits, or samples that you edit are saved in this bank. • User patches can be saved in numbers 501–756. • User drum kits can be saved in numbers R501–R508.

Performing Multiple Sounds Together (Performance Mode)

1. **Press the [PATCH/PERFORM] button to make it light.**
The XPS-30 is in Performance mode, and the PERFORM screen appears.

Performance bank/number

Split
PERFORM MFX1 ② ③ REV CHO E ® MIC REV ♩=120
PRST 001 Bass / Piano
Gt:055 LEVEL 90 Pf:002 LEVEL 97
Finger Bs 3 88StageGrand
LOWER C 4 UPPER

Dual
PERFORM MFX1 ② ③ REV CHO E ® MIC REV ♩=120
PRST 001 Bass / Piano
1 Pf: 88StageGrand
002
2 Gt: Finger Bs 3
055

Super Layer
PERFORM MFX1 ② ③ REV CHO E ® MIC REV ♩=120
PRST 001 Bass / Piano
Pf:002 88StageGrand
Layer:3 Detune: 0 LEVEL 97
CUTOFF RESONANCE ATTACK RELEASE

16-part mode
PERFORM MFX1 ② ③ REV CHO E ® MIC REV ♩=120
PRST 001 Bass / Piano
Part 1 Pf: 88StageGrand
002
OCTAVE -1
CUTOFF RESONANCE ATTACK RELEASE

2. **Move the cursor to bank, and use the value dial to select a bank.**

Bank	Explanation
PRST (Preset)	These performances cannot be rewritten. The edited result is saved in the user bank.
USER	Performances that you edit are saved in this bank. User performances can be saved in numbers 001–128.

3. **Move the cursor to performance number, and use the value dial to select a performance.**

* If you select a performance that is set to split, dual, or super layer, the corresponding button is lit.
* Within Performance mode, the state in which neither split, dual, nor super layer is selected is called "**16-part mode**"; this allows you to make more detailed settings. For details, refer to "Parameter Guide (English)" (PDF).

When you edit the settings of a patch or performance, an "*" symbol appears beside the name. If you want to keep the edited settings, perform the Write operation (p. 10).
When you save the setting, the "*" disappears.

Playing Different Tones with Your Right and Left Hands (SPLIT)

1. **Press the [SPLIT] button to make it light.**
The Split screen appears.

No.	Explanation
1	Effect on (lit)/off (unlit)
2	Tempo
3	Performance bank
4	Performance number/name
5	**Lower (Part 2)** · Category number · Patch name · Patch level · Level meter

No.	Explanation	
6	**Upper (Part 1)**	Category number
		Patch name
		Patch level
		Level meter
7	Split point	
8	☐ frame — Indicates the part whose patch will be switched	

Divided by the split point, the right-hand side of the keyboard plays the upper (part 1) patch, and the left-hand side plays the lower (part 2) patch.

Adjusting the volume

You can use the [UPPER] LEVEL slider and [LOWER] LEVEL slider to adjust the upper (part 1) and lower (part 2) volume (LEVEL). The "LEVEL" values in the screen change accordingly.

Exchanging the upper/lower patches

1. **Hold down the [SPLIT] button and press the [DUAL] button.**

Switching patches

1. **Press pad [1] or pad [2] to select the part whose patch you want to switch.**

Pad [1]	Upper (Part 1)
Pad [2]	Lower (Part 2)

2. **Use the value dial to switch patches.**
You can also select patches by pressing the [A. PIANO/E. PIANO]–[SAMPLE] buttons.

Changing the Split point

1. **Hold down the [SPLIT] button and press the key that you want to be the new split point.**
The key you press becomes the split point.
The split point key is included in the upper region.

Playing Two Layered Sounds (DUAL)

1. **Press the [DUAL] button to make it light.**
The Dual screen appears.

No.	Explanation
1	Effect on (lit)/off (unlit)
2	Tempo
3	Performance bank
4	Performance number/name
5	**Upper (Part 1)** · Category number · Patch name · Patch level · Level meter

No.	Explanation	
6	**Lower (Part 2)**	Category number
		Patch name
		Patch level
		Level meter
7	☐ frame — Indicates the part whose patch will be switched	

The upper (part 1) and lower (part 2) patches sound together.

Adjusting the volume

You can use the [UPPER] LEVEL slider and [LOWER] LEVEL slider to adjust the upper (part 1) and lower (part 2) volume (LEVEL). The "LEVEL" values in the screen change accordingly.

Exchanging the upper/lower patches

1. **Hold down the [SPLIT] button and press the [DUAL] button.**

Switching patches

1. **Press pad [1] or pad [2] to select the part whose patch you want to switch.**

Pad [1]	Upper (Part 1)
Pad [2]	Lower (Part 2)

2. **Use the value dial to switch patches.**
You can also select patches by pressing the [A. PIANO/E. PIANO]–[SAMPLE] buttons.

Thickening a Patch (SUPER LAYER)

You can overlay a patch several times, slightly shifting the pitches of each layer. This is called "detuning."
Using the "Super Layer" function, you can easily set the detuning and the number of times you overlay the patch (number of parts), to create more spacious or thicker tones.

1. **Select a patch.**

2. **Press the [SUPER LAYER] button to make it light.**
The Super Layer screen appears.

No.	Explanation
1	Effect on (lit)/off (unlit)
2	Tempo
3	Performance bank
4	Performance number/name
5	Category number/Patch name
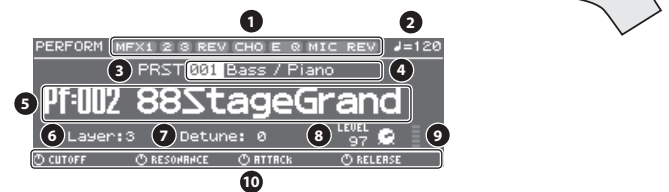
No.	Explanation	
6	**Layer**	Number of layered parts
7	**Detune**	Amount of pitch shift
8	Patch level	
9	Level meter	
10	Parameters that can currently be adjusted by the control knobs	

3. **Move the cursor to "Layer" or "Detune," and use the value dial to change the setting.**

Parameter	Value
Layer	2–5
Detune	0–30

Adjusting the volume

You can use the [UPPER] LEVEL or [LOWER] LEVEL sliders to adjust the volume (LEVEL). The "LEVEL" values in the screen change accordingly.

Changing the Key Touch (KEY TOUCH)

Sets the keyboard's touch.

1. Press the [KEY TOUCH] button.
The KEY TOUCH screen appears.
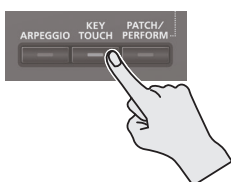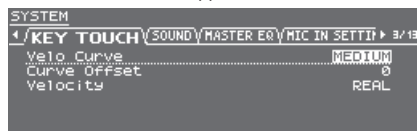
2. Move the cursor to "Velo Curve," and use the value dial to change the setting.

Value	Explanation
LIGHT	This sets the keyboard to a light touch. You can achieve fortissimo (ff) play with a less forceful touch than MEDIUM setting, so the keyboard feels lighter. This setting makes it easier for children, whose hands have less strength.
MEDIUM	This sets the keyboard to the standard touch.
HEAVY	This sets the keyboard to a heavy touch. You have to play the keyboard more forcefully than MEDIUM setting in order to play fortissimo (ff), so the keyboard touch feels heavier. This setting allows you to add more expression when playing dynamically.

MEMO

You can also make more detailed adjustments to the keyboard touch, or specify that all notes sound at a fixed volume regardless of your keyboard playing dynamics. For details, refer to system settings "KEY TOUCH" (p. 16).

Shifting the Key Range in Semitone Steps (Transpose)

1. Hold down the [TRANSPOSE] button, and press the OCTAVE [DOWN] or [UP] buttons.
If a value other than "C" is set, the [TRANSPOSE] button is lit.
To reset the value to "C," hold down the [TRANSPOSE] button and press the OCTAVE [DOWN] and [UP] buttons simultaneously.

Value	
Value	-5 (G)–0 (C)–+6 (F#)

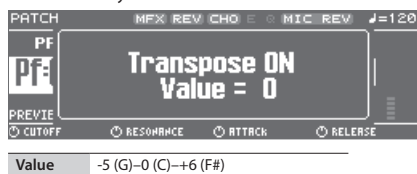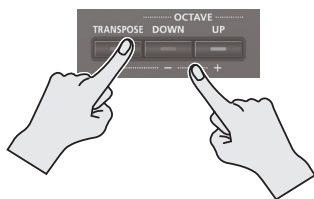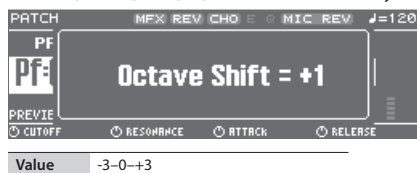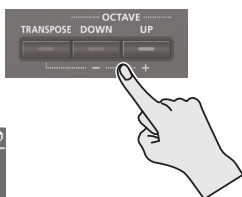## Changing the Keyboard's Pitch in One-Octave Steps (Octave Shift)

1. Press the OCTAVE [DOWN] or [UP] button.
If this setting is other than "0," OCTAVE [DOWN] or [UP] button will light.
You can reset this setting to "0" by pressing OCTAVE [DOWN] and [UP] buttons simultaneously.

Value	
Value	-3–0–+3

What's affected by the Octave Shift setting will depend on the current mode.

Patch mode
The octave of the selected patch will change. The setting cannot be saved.

Performance mode

Dual, Super Layer	The octave of all parts will change.
Split, 16-part mode	The octave of the currently selected part will change. You can set this independently for each part.

* You can save the Octave setting of each part by saving the performance.

Using the Control Knobs to Vary the Sound

You can use the Control knobs to control the sound in real time. You can control a total of 12 parameters, organized as three groups each containing four parameters.

If you select the parameters to be set for each part, the target affected by these modifications will depend on the current settings.

Patch mode

Drum Kit	Control knobs will apply to each individual key. When you turn one of these knobs, the currently selected key will be indicated (e.g., C4). To change the key to which the effect is to be applied, press a key and specify a new key name.

Performance mode

Dual, Super Layer	All parts
Split, 16-part mode	The currently selected part

* For some sounds, the knobs may not have an effect.

1. Press the [SELECT] button to select the group of parameters.

2. Use the control knobs to control the parameters.

Parameter	Explanation
CUTOFF	Adjusts the frequency (cutoff frequency) at which the filter begins to be applied.
RESONANCE	Boosts the sound in the vicinity of the cutoff frequency, adding a distinctive character to the sound.
ATTACK	Adjusts the time from when you press the key until the sound reaches the maximum level.
RELEASE	Adjusts the time from when you release the key until the sound is no longer heard.
MIC REVERB	Adjusts the reverb that's applied to the input sound from the MIC IN jack.
MFX CTRL	Controls MFX.
CHORUS/DELAY	Adjusts the amount of chorus or delay.
REVERB	Adjusts the amount of reverb.
ASSIGN 1–4	You can assign various parameters to these knobs and control them. For details on how to change the parameters that are assigned to the knobs, refer to "Parameter Guide (English)" (PDF).

Registering Favorite Sounds to a Button (FAVORITE)

"Favorites" store settings for frequently used patches and performances, allowing you to recall them by simply pressing a button.
Favorites store the number of the patch or performance.
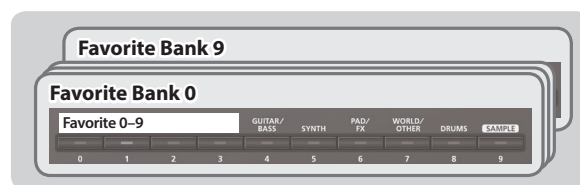
* Favorites 0–9 can be registered as a "favorite set"; you can register a total of ten such sets.
* Use the [0] to [9] buttons to register tones or switch to tones.

NOTE

If you've changed the sound or keyboard settings (split, dual, super layer), you must first save the changed settings before you can register them as a favorite.

Registering a Favorite

1. Select a patch or performance that you want to register.

2. Press the [BANK] button to make it light.

3. Press a [0]–[9] button to select the bank in which you want to register the favorite.

4. Hold down the [FAVORITE] button and press a [0]–[9] buttons to select the number in which the favorite will be registered.

Recalling a Favorite

1. **Press the [FAVORITE] button to make it light.**

2. **Press the [0]–[9] button to select a favorite.**

Switching Favorite Banks

1. **Press the [BANK] button to make it light.**
The button from [0] to [9] that corresponds to the currently selected bank blinks.

2. **Press the [0]–[9] button to select a bank.**

Viewing or Removing a Favorite

1. **Hold down the [SHIFT] button and press the [FAVORITE] button.**
The FAVORITE UTILITY screen appears.

```
FAVORITE UTILITY          [ENTER]:Remove
BANK0 BANK1 BANK2 BANK3 BANK4 BANK5 BAN ▶ 1/10
    TYPE      BANK    NUM.    NAME
0   PATCH     PRST    001:String Ens
1   PATCH     PRST    001:String Ens
2   PATCH     PRST    001:88StageGrand
3   PATCH     PRST    001:88StageGrand
4   PATCH     PRST    001:String Ens
```

You can perform the following operations in the FAVORITE UTILITY screen.

Controller	Explanation
[◀] [▶] buttons	Switch the favorite bank.
[▲] [▼] buttons	Select a favorite.
[ENTER] button	Removes the selected favorite. When a confirmation screen appears, press the [ENTER] button once again. If you decide not to remove it, press the [EXIT] button.

2. **Press the [EXIT] button to exit the FAVORITE UTILITY screen.**

Playing Arpeggios (ARPEGGIO)

The arpeggiator is a function that automatically produces an arpeggio based on the keys that you press.
* The arpeggio settings cannot be saved.

1. **Press the [ARPEGGIO] button to make it light.**
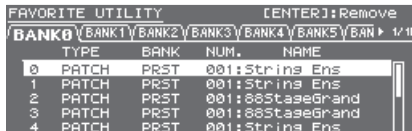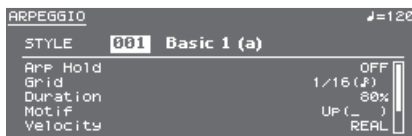The ARPEGGIO screen appears.

```
ARPEGGIO                        ♩=120
STYLE    001  Basic 1 (a)
Arp Hold                         OFF
Grid                          1/16 (♪)
Duration                         80%
Motif                         UP (_  )
Velocity                        REAL
```

2. **Play a chord on the keyboard.**
An arpeggio consisting of the notes you hold down starts playing.

> **MEMO**
> - If "Arp Hold" is "ON," the arpeggio continues playing even after you release the keyboard.
> - If you hold down the [SHIFT] button and press the [ARPEGGIO] button, the ARPEGGIO screen appears with Arp Hold turned on.

3. **To turn off this function, press the [ARPEGGIO] button once again to make it go dark.**

Select an Arpeggio Style

1. **Press the [ARPEGGIO] button to make it light.**
The ARPEGGIO screen appears.

2. **Move the cursor to "STYLE," and use the value dial to select a style.**

Value	001–128

Editing Arpeggios

1. **Press the [ARPEGGIO] button to make it light.**
The ARPEGGIO screen appears.

2. **Move the cursor to the item that you want to edit, and use the value dial to edit the setting.**

3. **Press the [EXIT] button to exit the ARPEGGIO screen.**

> **MEMO**
> For details on the parameters that you can edit in the ARPEGGIO screen, refer to "Parameter Guide (English)" (PDF).

Performing with Voice from a Mic

You can input a voice from a mic connected to the rear panel MIC IN jack, and perform using a voice.

Microphone
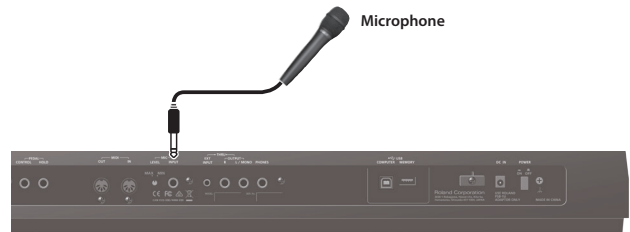
- To adjust the input volume from the mic, use the rear panel MIC [LEVEL] knob. Adjust the knob so that the sound from the mic is not distorted.
- To adjust the volume balance between the mic sound and your performance, use the top panel [MIC IN] level slider.

Using the Vocoder/Auto Pitch

A "vocoder" is an effect that is typically applied to a human voice. By sending a human voice through a vocoder, you can give it an unexpressive robot-like character. The pitch is controlled by playing the keyboard.

"Auto Pitch" sounds suppress pitch irregularity, producing a pitch-corrected sound. By applying a stair-step constraint to pitch change, this creates a mechanical effect.

- The preset bank (PRST) contains 10 vocoder settings and 10 auto-pitch settings.

1. **Press the [VOCODER/AUTO PITCH] button to make it light.**
The VOCODER/AUTO-PITCH screen appears.
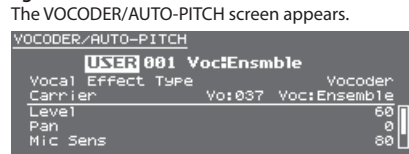
```
VOCODER/AUTO-PITCH
       USER  001  Voc:Ensmble
Vocal Effect Type           Vocoder
Carrier           Vo:037  Voc:Ensemble
Level                          60
Pan                            0
Mic Sens                       80
```

2. **Move the cursor to bank, and use the value dial to select a "PRST" or "USER."**

3. **Move the cursor to the number, and use the value dial to select a vocoder or auto-pitch setting.**

PRST	001–010	Vocoder settings
	011–020	Auto-pitch settings
USER	501–505	User bank

4. **While playing the keyboard, vocalize into the microphone.**
If you've selected an Auto Pitch, there's no need to play the keyboard.

5. **To turn off this function, press the [VOCODER/AUTO PITCH] button once again to make it go dark.**

> **MEMO**
> You can make detailed adjustments to the vocoder or auto-pitch settings. For details, refer to "Parameter Guide (English)" (PDF).

Importing a Sample and Playing It on the Keyboard (SAMPLE IMPORT)

Audio files that you've imported from a USB flash drive into the XPS-30 (referred to as "samples") can be assigned to the keyboard and played.
In Performance mode, you can assign up to 16 audio files (16 parts).

NOTE

For an audio file to be imported, it must be a WAV format, 44.1 kHz, 16 bit file. If any other file is selected, the display indicates "Incorrect File!" and the file cannot be imported.

Copy to a USB flash drive

WAV

Insert USB flash drive

Importing Audio Files (Sample)

1. Use the XPS-30 to format the USB flash drive (p. 17).

2. Power-off the XPS-30, and then remove the USB flash drive.

3. Using your computer, copy the desired audio files into the "IMPORT" folder.

   * Use only single-byte alphanumeric characters in the folder names and file names.

IMPORT folder

01.wav
02.wav
03.wav
04.wav
05.wav
06.wav
07.wav

4. Insert the USB flash drive into the XPS-30, and turn on the power.

5. Press the [SAMPLE IMPORT] button.
The SAMPLE MENU screen appears.

6. Move the cursor to "SAMPLE IMPORT," and press the [ENTER] button.
The SAMPLE IMPORT screen appears.

```
SAMPLE IMPORT

Import File : 01.wav
Original Key: C 4
Loop Switch : OFF
To          : USER 501 [501]

                        [IMPORT]
```

7. Make settings to specify how the file is imported.

Import File	Imported audio file
Original Key	Specifies the note number that plays the sample at the pitch at which it was imported.
Loop Switch	Turns loop playback on/off.
To:	Save-destination number of the sample. Sample is saved in the XPS-30's internal user memory, and is assigned a number starting with 501.

MEMO

- The sound is automatically assigned to the keyboard with the appropriate pitches, starting from two octaves above the Original Key and extending downward to the lowest note of the keyboard.
- You can change the loop point and original key of the sample later. For details, refer to "Parameter Guide (English)" (PDF).

8. Move the cursor to "IMPORT," and press the [ENTER] button.
The audio file is imported.

   * If user memory is full, the screen indicate "Memory Full!" and you can't import the audio file. In this case, you'll need to delete unnecessary samples.

9. Repeat steps 7–8 to import the desired files into the XPS-30.

MEMO

- An imported audio file can be used as a single patch by pressing the [SAMPLE] button.
- If the file size is large, the import may require several minutes.

NOTE

Never turn off the power while the screen indicates "Processing...."

Recalling a Sample

1. Press the [SAMPLE] button.

2. Use the value dial to select a patch.

   * The pitch cannot be changed if the pitch is more than two octaves above the specified Original Key.

Deleting Imported Samples

1. Press the [SAMPLE IMPORT] button.
The SAMPLE MENU screen appears.

2. Move the cursor to "SAMPLE DELETE," and press the [ENTER] button.
The SAMPLE DELETE screen appears.

3. Select the sample (patch) that you want to delete.

4. Move the cursor to "DELETE," and press the [ENTER] button.
A confirmation message appears.
If you decide to cancel, press the [EXIT] button.

5. Press the [ENTER] button to delete a sample.

MEMO

- Some or all notes of performances that use the deleted sample will no longer sound.
- It's a good idea to back up important data to a USB flash drive or to your computer (p. 18).

Editing Samples

1. Press the [SAMPLE IMPORT] button.
The SAMPLE MENU screen appears.

2. Move the cursor to "SAMPLE EDIT" and press the [ENTER] button.
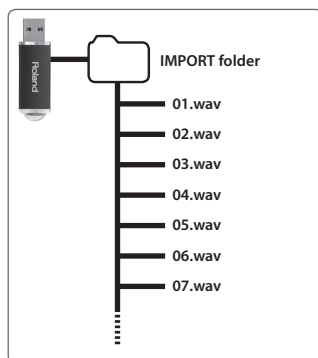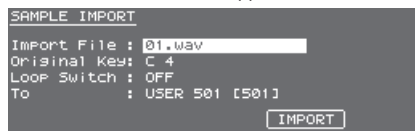The SAMPLE EDIT screen appears.

3. Move the cursor to tab, and use the [◄] [►] buttons to switch the pages.

4. Move the cursor to the parameter that you want to edit, and use the value dial to change the value.

MEMO

You can make detailed settings for the sample, such as the sample's loop point and original key. For details, refer to "Parameter Guide (English)" (PDF).

5. To save the edited settings, perform the operation "Saving Your Settings (Write)" (p. 10).

Editing Sounds

> **MEMO**
> For details on the parameters that you can edit, refer to "Parameter Guide (English)" (PDF).

Editing a Patch/Drum Kit

1. **Select a patch or drum kit that you want to edit.**

2. **Press the [SAMPLE IMPORT] button and [DAW CONTROL] button simultaneously.**
   The EDIT MENU screen appears.

   ```
   EDIT MENU                    [ENTER]
   PERFORMANCE EDIT    ▶PATCH EDIT
   PART EDIT            DRUM KIT EDIT
   EFFECTS EDIT         SAMPLE EDIT
   ```

3. **Move the cursor to "PATCH EDIT" or "DRUM KIT EDIT," and press the [ENTER] button.**
   The PATCH EDIT or DRUM KIT EDIT screen appears.

4. **Move the cursor to tab, and use the [◄] [►] buttons to switch the pages.**

5. **Move the cursor to the parameter that you want to edit, and use the value dial to change the value.**

6. **To save the edited settings, perform the operation "Saving Your Settings (Write)."**

Editing a Performance

1. **Press the [PATCH/PERFORM] button to make it light.**

2. **Select a performance that you want to edit.**

3. **Press the [SAMPLE IMPORT] button and [DAW CONTROL] button simultaneously.**
   The EDIT MENU screen appears.

4. **Move the cursor to "PERFORMANCE EDIT," and press the [ENTER] button.**
   The PERFORMANCE EDIT screen appears.

5. **Move the cursor to tab, and use the [◄] [►] buttons to switch the pages.**

6. **Move the cursor to the parameter that you want to edit, and use the value dial to change the value.**

7. **To save the edited settings, perform the operation "Saving Your Settings (Write)."**

Editing the Effects

You can make different effect settings independently for Patch mode and Performance mode.

Patch mode
You can use multi-effect (MFX), chorus, and reverb for each patch.

Performance mode
For each setting, you can use a maximum of three multi-effects (MFX1, MFX2, MFX3), one chorus, and one reverb.

Parts to which MFX can be applied

Split, Dual	MFX1 applied to Upper (Part 1), MFX2 applied to Lower (Part 2).
Super Layer	MFX1 can be applied to all parts.
16-part mode	MFX1–3 can be assigned.

1. **Press the [SAMPLE IMPORT] button and [DAW CONTROL] button simultaneously.**
   The EDIT MENU screen appears.

2. **Move the cursor to "EFFECTS EDIT," and press the [ENTER] button.**
   The EFFECTS EDIT screen appears.

3. **Move the cursor to the parameter that you want to edit, and use the value dial to change the value.**

4. **To save the edited settings, perform the operation "Saving Your Settings (Write)."**

   > **MEMO**
   > When you edit the effect settings, an "*" is shown by the patch/performance name. When you save the patch or performance, the "*" disappears.

Saving Your Settings (Write)

If ou turn the power off or select another tone, the changed settings are lost. If you want to keep the changes you made, perform the Write operation.

> **NOTE**
> When you save, the data that was previously in the save-destination is overwritten.

1. **Press the [WRITE] button to make it light.**
   The WRITE MENU screen appears.

   ```
   WRITE MENU                   [ENTER]
       PERFORMANCE WRITE
       PATCH WRITE (Part 01)
   ```

   - In Patch mode, you can long-press the [WRITE] button to access the name input screen.
   - Depending on the state before you pressed the button, either PATCH WRITE or PERFORMANCE WRITE is automatically selected.

   > **NOTE**
   > In Performance mode, if an "*" symbol is shown for both Patch and Performance, first save the patch and then save the performance. Be aware that if you save the performance first, the edited patch data is lost.

2. **Press the [ENTER] button.**
   The name input screen appears.

   ```
   PATCH NAME
   PRST:001
             8StageGrand
   1/12
   ```

3. **Assign a name to the data that you're saving.**

Operation	Explanation
[◄] [►] buttons	Move the cursor.
Value dial, [–] [+] buttons	Select the character.
[▼] [▲] buttons	Switch between uppercase and lowercase.

   ### Inserting/ Deleting Characters

   1. **While entering a name, press the [MENU] button.**
      The NAME MENU window appears. The window closes if you press the button once again.

   2. **Move the cursor to "INSERT" or "DELETE," and press the [ENTER] button.**

Function	Explanation
INSERT	Press the [ENTER] button to insert a space (blank) at the cursor location.
DELETE	Press the [ENTER] button to delete the character at the cursor location; subsequent characters will be moved forward to fill the gap.

4. **When you've specified the name, press the [ENTER] button.**

5. **Use the value dial to specify the save-destination.**

6. **Press the [ENTER] button.**
   A confirmation message appears.
   If you decide to cancel, press the [EXIT] button.

7. **Press the [ENTER] button to save the settings.**

   > **NOTE**
   > Never turn off the power while the screen indicates "Writing...."
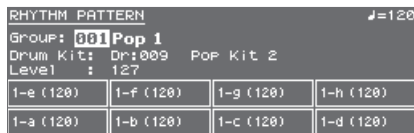
Playing Rhythm Patterns

A rhythm pattern is a fixed phrase played by rhythm instruments such as drums or percussion. The XPS-30 can play back rhythm patterns assigned to pads [1]–[8] while you use the keyboard to perform along with the rhythm patterns.
A rhythm pattern consists of eight "variations," and the eight variations are collective called a "rhythm pattern group."
When you select a rhythm pattern group, the variations are automatically assigned to pads [1]–[8].
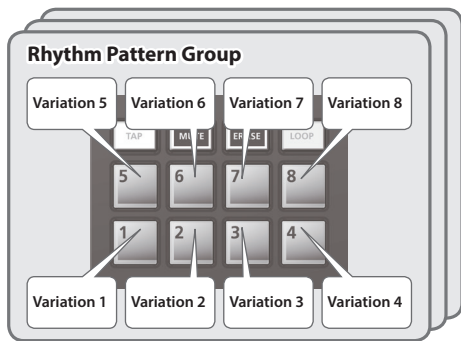
Selecting and Playing a Rhythm Pattern

1. Press the [RHYTHM PATTERN] button to make it light.
The RHYTHM PATTERN screen appears.

2. Make settings for the rhythm pattern.

Parameter	Value	Explanation
Group		Selects the rhythm pattern group. Changing the rhythm pattern group will also change the rhythm patterns that are assigned to pads [1]–[8]. * You can move the cursor to this parameter, press the [ENTER] button, and select a rhythm pattern from the RHYTHM PATTERN GROUP LIST screen. * For more about rhythm pattern groups, refer to "Parameter Guide (English)" (PDF).
	001–030	
Drum Kit		Selects the drum kit that is used to play the rhythm patterns. Switching the rhythm pattern group will switch the drum kit that is assigned by the rhythm pattern group, but you can use this parameter to select a different drum kit if you want. * You can move the cursor to this parameter, press the [ENTER] button, and select a drum kit from the DRUM KIT LIST screen.
	Dr: 001–	
Level		Specifies the volume of the rhythm pattern.
	1–127	

NOTE

The rhythm pattern settings cannot be saved.

3. Press the pad [1]–[8] buttons to play rhythm patterns.
The pattern assigned to the button you pressed plays, and the pad blinks.
Press the pad once again to stop (the pad is lit).

Other Operations

Controller	Explanation
[▶/■] button	Plays the variation selected by the pad you pressed. Press this button once again to stop.
[TAP] button	Specifies the tempo as the interval at which this button is repeatedly pressed.
[TEMPO] button	Changes the tempo.
[PHRASE PAD] LEVEL slider	Adjusts the volume of the rhythm pattern.

Changing the Tempo

1. Press the [TEMPO] button
The TEMPO screen appears.

2. Use the value dial to adjust the tempo.

3. Press the [EXIT] button to return to the previous screen.

MEMO

In the TEMPO screen you can also edit the following parameters.
- Metronome (p. 17) on/off
- Tempo Lock (p. 17) on/off

Playing Audio Files (Audio Player)

Audio files saved on a USB flash drive can be assigned to pads [1]–[8] and played back.

Audio files that can be played

| MP3	
Format	MPEG-1 audio layer 3
Sampling Frequency	44.1 kHz
Bit Rate	32, 40, 48, 56, 64, 80, 96, 112, 128, 160, 192, 224, 256, 320 kbps, VBR (Variable Bit Rate)
WAV/AIFF	
Sampling Frequency	44.1 kHz
Bit	8, 16, 24-bit

NOTE

Two or more audio files can't be played simultaneously.

Assigning Audio Files to Pads and Playing Them

MEMO

If there are audio files in the "SONG LIST" folder of the USB flash drive when you turn on the power, they will automatically be assigned to the pads.

1. Format your USB flash drive on the XPS-30 (p. 17).

2. Power-off the XPS-30, and disconnect the USB flash drive.

3. Using your computer, create a folder inside the "SONG LIST" folder.

* Use only single-byte alphanumeric characters in folder names.

4. Copy the desired audio files into the folder that you created.

5. Connect the USB flash drive to the XPS-30, and turn on the power.
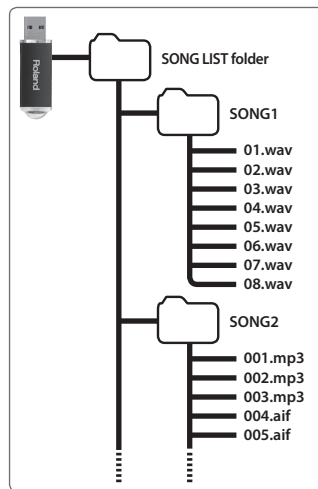
6. Press the [AUDIO] button.

The AUDIO PLAYER screen appears.
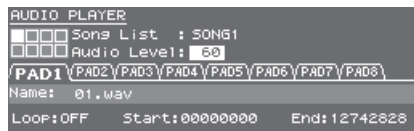
7. Make settings for the audio player.

| Parameter	Value/Explanation
Song List	Displays the folders that are in the SONG LIST folder of the USB flash drive. * Move the cursor to this parameter, and press the [ENTER] button to see the SONG LIST screen which lists the folders.
Audio Level	Specifies the volume of the audio files. * The Level setting is lost when you turn off the power. If you want the setting to be remembered even after the power is turned off, specify the desired value in the system setting "Audio Level" (p. 16).
	0–127
PAD1–8	
Name	Shows the audio files that are assigned to the pads.
Loop	Turns loop playback on/off.
	OFF, ON
Start	Specifies the start position for loop playback.
	0–(available position range)
End	Specifies the end position for loop playback.
	(available position range)–end

NOTE

Loop settings can't be made for an MP3 file. If you want to make loop settings, use your computer to convert the file to a WAV or AIFF file before you import it.

8. Press the [ENTER] button.

The audio files in the selected folder are automatically assigned to the pads in descending order. For example if you choose the SONG1 folder, the files are assigned as shown in the illustration.

MEMO

The files inside the folder are shown in alpha-numeric order, and the first eight files are assigned.
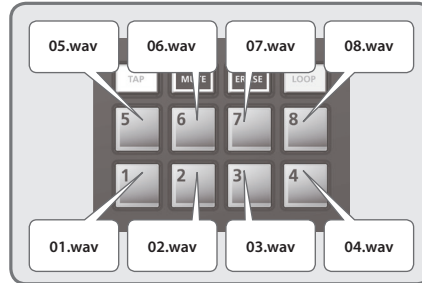
9. Press one of the Pad [1]–[8].

The pad you pressed blinks, and the assigned audio file plays.
Press the pad once again to stop playback (the pad is lit).

Audio Player Operations

Action	Operation/Explanation
Play back	Press one of the Pad [1]–[8].
Stop	Press a currently-playing pad. To resume playback from the location at which you stopped, hold down the [AUDIO] button and press the same pad.
Move to the beginning	Hold down the [SHIFT] button and press Pad [1].
Rewind	Hold down the [SHIFT] button and hold down Pad [2].
Fast-forward	Hold down the [SHIFT] button and hold down Pad [3].
Loop settings (*1)	Press the [LOOP] button. Looping is enabled for the currently selected pad. The [LOOP] button lights.
Loop a region of the file	**Setting the Start point:** While the file plays, hold down the [SHIFT] button and press the [LOOP] button. **Setting the End point:** Once again, hold down the [SHIFT] button and press the [LOOP] button. When the End Point is set, playback repeats over the Start–End region that you specified. If a file with a specified loop region is played from the beginning, it will play until the End point and then start looping over the loop region. * If, after specifying the loop region, you want to change the setting so that the entire file loops, hold down the [LOOP] button and press the pad whose setting you want to change.
Adjusting the Start point or End point (*1)	Move the cursor to "Start" or "End," and use the value dial to change the setting.
Playing the next pad	**To switch immediately:** Press one of the Pad [1]–[8]. **To switch after playback has ended:** Hold down the currently-playing pad, and press the pad that you want to play next.
Adjusting the volume of the Audio Player	Move the [PHRASE PAD] LEVEL slider.

*1: Loop settings for each audio file are automatically saved in the SONG LIST folder. If you move an audio file to a different folder, the loop settings will be preserved by moving the settings file as well.

Playing/Recording Patterns (PATTERN SEQUENCER)

The pattern sequencer is a function that lets you record your keyboard performance and knob movements, and then play them back repeatedly. The recorded data is called a "pattern," and you can record and save patterns of up to eight measures.

- A pattern consists of tracks 1–8, and recording occurs on the currently selected track.
- The patterns are organized into 32 preset patterns (PRST) and 128 user patterns (USER), and are saved in a "pattern bank."
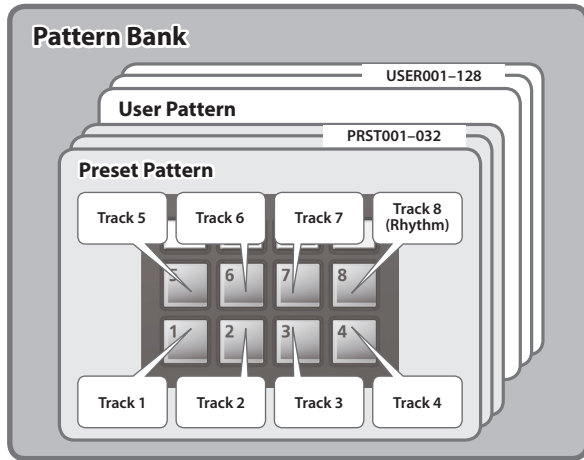
Playing Patterns

Playing the currently selected pattern

1. With the [PATTERN SEQUENCER] button lit, press the [▶/■] button.
Press the button once again to stop.

Selecting and playing a pattern

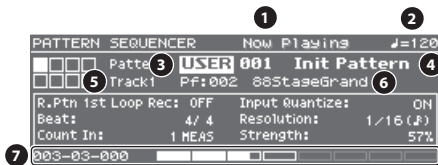**1. Press the [PATTERN SEQUENCER] button to make it light.**
The PATTERN SEQUENCER screen appears.

No.	Explanation	No.	Explanation
1	Status indication • Now Recording • Now Playing • Rec Standby • Stop	**7**	Playback/recording progress indication This indicates the playback/recording position as Measure: Beat: Tick units and as a bar graph.
2	Tempo		Number of measures (maximum 8)
3	Pattern bank (PRST/USER)		
4	Pattern number, Pattern name		**White exterior frame:** Measures specified by PATTERN LENGTH
5	Selected track		**Gray exterior frame:** Measures not specified by PATTERN LENGTH
6	Patch that is used to play/record the selected track Category number, Patch name		

2. Move the cursor to the pattern bank, and use the value dial to select a "PRST" or "USER."

3. Move the cursor to the pattern number, and use the value dial to select the pattern that you want to play.

> **MEMO**
> You can move the cursor to the pattern number, press the [ENTER] button, and select a pattern from the PATTERN LIST screen that appears.

4. Press the [▶/■] button to play the pattern.
Press the button once again to stop.

Muting a specific track (Track Mute)

Use this function to mute specific tracks when a pattern is playing.

1. Press the [MUTE] button to make it light.
Now the pads are in mute setting mode.

2. Press pads [1]–[8] to select the track(s) that you want to mute.
You can press multiple pads.
The pad you pressed blinks, and its track is muted.
To cancel muting, press the blinking pad.

3. Press the [MUTE] button to make it go dark.
The pad mute setting mode is cancelled.
* Track muting is maintained even after you cancel pad mute setting mode.

Basic Operations for the Pattern Sequencer

Operations for the pattern sequencer are valid only when you have pressed the [PATTERN SEQUENCER] button and the PATTERN SEQUENCER screen is shown.

Controller	Explanation
[▶/■] button	Plays/stops the pattern.
[I◄] button	Returns the pattern to the beginning.
[●] button	Creates a pattern by recording your keyboard performance and controller operations in real time.
[TAP] button	Sets the tempo to the interval at which you press this button repeatedly.
[MUTE] button	If this is on, you can use pads [1]–[8] to mute the specified track(s).
[ERASE] button	Erases a recorded pattern or a portion of the pattern.
[LOOP] button	• If this is on, the pattern loops between the specified measures. • If this is off, the pattern plays/records to the specified measure, and then stops.
Pads [1]–[8]	Selects tracks. You can use the keyboard to play or record the selected track.
[PATTERN LENGTH] button	Changes the number of measures in the pattern. You can create a pattern of up to eight measures.
[TEMPO] button	Changes the tempo.
[MIXER] button	Lets you specify the volume and pan of each track.

Recording Patterns

1. Press the [PATTERN SEQUENCER] button to make it light.
The PATTERN SEQUENCER screen appears.
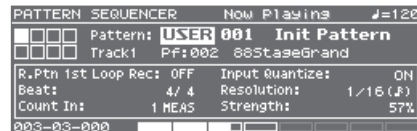
2. Select the user pattern that you want to record.

> **When making a new recording**

If you want to start recording from scratch, select the USER "Init Pattern" (factory setting) or use the PATTERN ERASE function (p. 14) to clear the contents of the pattern.

3. Press the [●] button.
The [●] button blinks, and the XPS-30 is in record-ready mode.

4. Make settings for the pattern that you want to record.

Parameter		Value/Explanation
R. Ptn 1st Loop Rec		Specifies how the rhythm pattern will be recorded. * This can be specified only if an empty pattern is selected.
	OFF	A rhythm pattern will not be recorded.
	ON	Only on the first cycle of recording, the performance of the selected rhythm pattern is recorded on track 8.
Beat		Specifies the time signature of the pattern. * This can be specified only if an empty pattern is selected.
		(1–32) / (2, 4, 8, 16)
Count In		Selects the way in which recording is started.
	OFF	Recording begins immediately when you press the [▶/■] button.
	1 MEAS	When you press the [▶/■] button, a count begins from one measure before the recording start location; recording begins when the recording start location is reached.
	2 MEAS	When you press the [▶/■] button, a count begins from two measures before the recording start location; recording begins when the recording start location is reached.
	WAIT NOTE	Recording begins when you press the [▶/■] button, or when you press a key or press the hold pedal.

Parameter	Value/Explanation	
Input Quantize	Specifies whether quantize will be applied during recording. * **Quantize:** Automatically corrects inaccuracies in the timing of your keyboard playing, so that the timing is more accurate.	
	OFF	Quantize is not applied during recording.
	ON	Quantize while recording.
Resolution	Specifies the note timing value at which quantization is applied.	
	1/32 (♪)–1/4 (♩)	
Strength	Specifies the degree to which your notes are moved to precise intervals of the note values specified by the Resolution setting.	
	0–100%	If this is set to "100%," the notes that you record are moved all the way to exact intervals of the specified Resolution. With lower percentages, less correction is applied. If this is set to "0%," the timing is not corrected at all.

5. **Make various settings as necessary.**

> **To change the number of measures in the pattern**

Refer to "Specifying the number of measures in the pattern (PATTERN LENGTH)" (p. 14).

> **When recording a rhythm pattern**

If R. Ptn 1st Loop Rec is ON, the rhythm pattern playback is recorded on the first cycle after recording starts.

1. **Press the [RHYTHM PATTERN] button.**

The RHYTHM PATTERN screen appears.

2. **Select a rhythm pattern group and drum kit.**

3. **Press the [EXIT] button to exit the RHYTHM PATTERN screen.**

> **Changing the recording tempo**

1. **Press the [TEMPO] button.**

The TEMPO screen appears.

2. **Use the value dial to specify a tempo at which you are comfortable recording.**

3. **Press the [EXIT] button to exit the TEMPO screen.**

* Tempo change data is not recorded.

> **MEMO**
>
> You can set the tempo by repeatedly pressing the [TAP] button at the desired interval.

> **To sound the metronome**

1. **Press the [TEMPO] button.**

The TEMPO screen appears.

2. **Move the cursor to "Metronome," and use the value dial to set "ON."**

3. **Use the value dial to specify a tempo at which you are comfortable recording.**

4. **Press the [EXIT] button to exit the TEMPO screen.**

> **MEMO**
>
> You can turn the metronome on/off by holding down the [SHIFT] button and press the [TEMPO] button.

6. **Use pads [1]–[8] to specify the recording track.**

The selected pad is lit.

Lit other than the recording track:	A track that already contains data
Unlit:	A track that does not contain data

> **To change the sound of the recording track**

1. **Press the Category button ([A. PIANO/E. PIANO]–[SAMPLE]) button.**

The PATCH LIST screen appears.

2. **Select a patch.**

You can also use the category buttons ([A. PIANO/E. PIANO]–[SAMPLE]) to make a selection.

3. **Press the [EXIT] button to exit the PATCH LIST screen.**

7. **Press the [▶/■] button to start recording.**

8. **Play the keyboard.**

Movements of the knobs and pitch bend/modulation are also recorded.

> **MEMO**
>
> - By holding down the [SHIFT] button and pressing the [LOOP] button you can turn LOOP REC on/off.
>
> | OFF | Record to the specified measure length, and then switch from recording to playback. |
> |---|---|
> | ON | Continue recording even after recording to the specified measure length. |
>
> - If the [LOOP] button is on and R. Ptn 1st Loop Rec is ON, the rhythm pattern is also recorded only for the first cycle. For the second and subsequent cycles, the rhythm pattern stops, and track 8 on which the rhythm pattern was recorded will play.
> - Recording adds to the previously recorded data, and layers new data. If you want to re-record, erase the data and record again.

9. **Press the [●] button.**

You return to pattern playback. If you press the [●] button once again, you return to recording mode.

10. **Press the [▶/■] button to stop the pattern.**

The pattern stops regardless of the recording/playback state.

Erasing a portion of the track data during recording/playback

1. **During recording or playback, press the [ERASE] button.**

As long as you continue holding down the button, the performance data of the selected track is erased from the pattern.

Erasing an entire pattern or track (PATTERN ERASE)

1. **Hold down the [SHIFT] button and press the [ERASE] button.**

The PATTERN ERASE screen appears.

2. **Select the track that you want to erase, and press the [ENTER] button.**

Value	Explanation
Track 1–8	The data of the specified track is erased.
SysEx	System exclusive messages are erased.
ALL	The data of all tracks are erased.

Specifying the number of measures in the pattern (PATTERN LENGTH)

1. **Press the [PATTERN LENGTH] button.**

The PATTERN LENGTH screen appears.

2. **Select the number of measures, and press the [ENTER] button.**

> **If the number of measures is increased**

The screen asks "With Copying?"

Operation	Explanation
"YES" or [ENTER] button	The recorded data is copied repeatedly to increase the number of measures.
"NO" or [EXIT] button	Only the number of measures is increased; the recorded data is unchanged.

> **If the number of measures is decreased**

The recorded data is unchanged; only the number of measures played back is changed.

Saving a Pattern

A pattern that you create will be lost if you select a different pattern or if you power-off the XPS-30.
When you've created a pattern that you like, you should save it.

1. While the PATTERN SEQUENCER screen is shown, press the [WRITE] button.
The PATTERN NAME screen appears.

```
PATTERN NAME        [ENTER]
USER:001  ↕
       H
       ▊nit Pattern
       J
1/12   ↓
```

2. Enter the pattern name.

> **MEMO**
>
> For more about entering a name, refer to "Saving Your Settings (Write)" (p. 10).

3. When you've specified the pattern name, press the [ENTER] button.
The PATTERN WRITE screen appears.

4. Use the value dial to select the save-destination.

> **NOTE**
>
> If you save to a number that already contains data, the pattern is overwritten and the previous data is erased.

5. Press the [ENTER] button.
A confirmation message appears.
If you decide to cancel, press the [EXIT] button.

6. Press the [ENTER] button to save the pattern.
Saving is complete when the screen indicates "Completed!"

> **NOTE**
>
> Never turn off the power while the screen indicates "Writing...."

Pattern Utility

1. While the PATTERN SEQUENCER screen is shown, press the [MENU] button.
The MENU screen appears.

2. Move the cursor to "PATTERN UTILITY," and press the [ENTER] button.
The PATTERN UTILITY screen appears.

> **MEMO**
>
> While the PATTERN SEQUENCER screen is shown, you can hold down the [SHIFT] button and press the [PATTERN SEQUENCER] button to access the PATTERN UTILITY screen.

3. Move the cursor to the function that you want to execute, and press the [ENTER] button.

Copying a Pattern (PATTERN COPY)

1. In the PATTERN UTILITY screen, select "PATTERN COPY" and press the [ENTER] button.
The PATTERN COPY screen appears.

2. Set the parameters.

Parameter	Value/Explanation	
Pattern bank	Selects the copy-source pattern bank.	
	PRST, USER	
Pattern number	Selects the copy-source pattern.	
	001–127	
Source Pattern Track	Selects the copy-source track.	
	TRACK1–8, ALL	
Destination Pattern Track	Selects the copy-destination track.	
	TRACK1–8, ALL	
Copy Target	Selects the content to be copied.	
	ALL	The pattern and sound settings are copied.
	SOUND ONLY	Only the sound settings are copied.
	PATTERN ONLY	Only the pattern is copied.

3. Press the [ENTER] button.
If you decide to cancel, press the [EXIT] button.

Initializing a Pattern (PATTERN INIT)

1. In the PATTERN UTILITY screen, select "PATTERN INIT" and press the [ENTER] button.
A confirmation message appears.
If you decide to cancel, press the [EXIT] button.

2. Press the [ENTER] button to initialize the pattern.

Importing Pattern Data from SMF (SMF IMPORT)

Imports the specified SMF into the temporary area.
- When you import, the current state of the temporary area is discarded.
- The SMF that you want to import must be saved in the IMPORT folder of the USB flash drive.

SMF data that can be imported:
- Only SMF format 0 is supported.
- Only the tracks (parts) used by the XPS-30 are imported.
- Up to eight measures of SMF data can be imported. Subsequent data is not imported.

1. In the PATTERN UTILITY screen, select "SMF IMPORT" and press the [ENTER] button.
The SMF IMPORT screen appears.

2. Select the SMF that you want to import.

> **MEMO**
>
> In the SMF IMPORT screen, you can press the [►/■] button to audition the selected SMF.

3. Press the [ENTER] button.
A confirmation message appears.
If you decide to cancel, press the [EXIT] button.

4. Press the [ENTER] button to import the SMF.

Exporting a Pattern to SMF (SMF EXPORT)

A pattern in the temporary area can be given a name and exported as SMF data.
- Preset patterns cannot be exported.
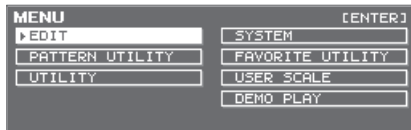- The exported SMF is saved in the "EXPORT" folder of the USB flash drive.

1. In the PATTERN UTILITY screen, select "SMF EXPORT" and press the [ENTER] button.
The SMF EXPORT screen appears.

2. Enter a file name.

3. Press the [ENTER] button.
A confirmation message appears.
If you decide to cancel, press the [EXIT] button.

4. Press the [ENTER] button to export the pattern.

Overall Settings for the XPS-30

Accessing the Menu Screens

1. Press the [MENU] button.

The MENU screen appears.

```
MENU              [ENTER]
▶ EDIT            SYSTEM
  PATTERN UTILITY FAVORITE UTILITY
  UTILITY         USER SCALE
                  DEMO PLAY
```

Menu	Explanation
EDIT	Displays a selection screen for items related to editing sounds. • PATCH EDIT (p. 10) • DRUM KIT EDIT (p. 10) • SAMPLE EDIT (p. 9) • PERFORMANCE EDIT (p. 10) • EFFECTS EDIT (p. 10) * For details, refer to "Parameter Guide (English)" (PDF).
PATTERN UTILITY	Access the settings screen for patterns (p. 15).
UTILITY	Access the utility menu (p. 17).
SYSTEM	Make settings of the entire XPS-30 (p. 16).
FAVORITE UTILITY	Access a screen where you can view or delete favorite registrations.
USER SCALE	Create a user scale. * For details, refer to "Parameter Guide (English)" (PDF).
DEMO PLAY	Access a demo song playback screen (p. 18).

2. Move the cursor to menu, and press the [ENTER] button.

   * If a further menu appears, repeat step 2.

3. Move the cursor to tab, and use the [◄] [►] buttons to switch the pages.

4. Move the cursor to the parameter that you want to edit, and use the value dial to change the value.

5. Press the [EXIT] button to exit the screen.

Making System Settings (SYSTEM)

Settings that are shared by the entire XPS-30 are called "system settings."

1. Press the [MENU] button.

The MENU screen appears.

2. Move the cursor to "SYSTEM," and press the [ENTER] button.

3. Move the cursor to tab, and use the [◄] [►] buttons to switch the pages.

4. Move the cursor to the parameter that you want to edit, and use the value dial to change the value.

5. Press the [EXIT] button to exit the screen.

MEMO

The parameters you edit are saved when you press the [WRITE] button in the SYSTEM screen, or when you exit the SYSTEM screen.

Parameter	Value/Explanation	
GENERAL		
LCD Contrast	**Adjusting the Display Contrast**	
	1–20	
LCD Brightness	**Adjusting the Display Brightness**	
	1–20	
Auto Off	**Enabling/Disabling the Auto-Off Function**	
	Specifies whether the unit will turn off automatically after a certain time has elapsed. If you don't want the unit to turn off automatically, choose "OFF" setting.	
	OFF, 30, 240 [min]	
Power Save Time	Amount of idle time that is to pass before the XPS-30 enters power-save mode. When the XPS-30 enters power-save mode, it will reduce its power consumption by turning off the display backlight and minimizing button illumination.	
	OFF, 1, 3, 5, 10, 15, 20, 30, 60 [min]	
Illumination	Specifies whether the buttons illuminate when they are waiting for an operation.	
	OFF, ON	
World Patch Order	Specifies the patch that is selected first when you press the [WORLD] button immediately after turning the power on.	
	BRAZIL, CHINA, INDIA, INDONESIA, ISRAEL, KOREA, PHILIPPINES, SOUTH AFRICA, THAILAND, TURKEY, VIET NAM, LATIN AMERICA, TAIWAN	
PAD COLOR		
Pad Brightness	Adjusts the brightness of pads [1]–[8].	
	1–127	
PAD COLOR	The illumination color of pads [1]–[8] can be specified for each function. * For details, refer to "Parameter Guide (English)" (PDF).	
	(OFF), 1–13	

Parameter	Value/Explanation	
KEY TOUCH		
Velo Curve	Sets the keyboard's touch (p. 7).	
	LIGHT, MEDIUM, HEAVY	
Curve Offset	Adjusts the Velo Curve. Lower values make the keyboard feel lighter. Higher values make the keyboard feel heavier.	
	-10–+9	
Velocity	Specifies the velocity transmitted when a key is played.	
	REAL	The transmitted velocity value will correspond to the force with which you strike the key.
	1-127	The transmitted velocity value will be fixed, regardless of the force with which you strike the key.
SOUND		
Master Tune	**Master Tuning**	
	Adjusts the overall tuning of the XPS-30. The display shows the frequency of the A4 note (center A).	
	415.3–466.2 [Hz]	
Master Key Shift	Shifts the XPS-30's overall pitch range in semitone steps.	
	-24–+24	
Master Level	Sets the XPS-30's overall volume.	
	0–127	
Output Gain	Adjusts the output gain from the XPS-30's output.	
	-12–+12 [dB]	
Audio Level	Specifies the volume when playing audio file from the Audio Player.	
	0–127	
MASTER EQ		
Master EQ Switch	Turn the master EQ (this is an equalizer that is applied to the overall sound of the entire XPS-30) on/off.	
	OFF, ON	
EQ Low Freq	Frequency of the low range.	
	200, 400 [Hz]	
EQ Low Gain	Gain of the low frequency range.	
	-15–+15 [dB]	
EQ Mid Freq	Frequency of the middle range.	
	200–8000 [Hz]	
EQ Mid Gain	Gain of the middle frequency range.	
	-15–+15 [dB]	
EQ Mid Q	Width of the middle frequency range. Set a higher value for Q to narrow the range to be affected.	
	0.5, 1.0, 2.0, 4.0, 8.0	
EQ High Freq	Frequency of the high range.	
	2000, 4000, 8000 [Hz]	
EQ High Gain	Gain of the high frequency range.	
	-15–+15 [dB]	
EQ Total Gain	Gain of the overall Master EQ.	
	-15–+15 [dB]	
MIC IN SETTINGS		
Mic In Level	Adjusts the input level of the MIC INPUT jack.	
	0–127	
Mic In Reverb Switch	**Applying Reverb to the Mic Input**	
	Specifies whether reverb is applied (ON) to the mic input or not applied (OFF).	
	OFF, ON	
Mic In Reverb Level	Adjust the amount of reverb that is applied to the sound of the microphone.	
	0–127	
Mic In Reverb Type	Select the type of reverb/delay that is applied to the sound of the microphone.	
	ROOM1, ROOM2, STAGE1, STAGE2, HALL1, HALL2, DELAY, PAN-DELAY	
Mic In Reverb Time	Adjusts the length of the reverberation (when Reverb Type is ROOM1–HALL2) or the delay time of the delay (when Reverb Type is DELAY or PAN-DELAY).	
	0–127	
Noise Suppressor Switch	Switches the noise suppressor on/off. The noise suppressor is a function that suppresses noise during periods of silence.	
	OFF, ON	
Noise Suppressor Threshold	Adjusts the volume at which noise suppression starts to be applied.	
	0–127	
Noise Suppressor Release	Adjusts the time from when noise suppression starts until the volume reaches 0.	
	0–127	
Mic Mode	Specifies the mic input mode.	
	ALL	Sound is input from the mic at all times.
	VOCAL FX	Sound is input from the mic only when the [VOCODER/AUTO PITCH] button is lit, or when the effect type (see "Parameter Guide (English)" (PDF)) is set to "79: Di VOCODER."
PEDAL		
Control Pedal Assign	**Assigning the Function of the Control Pedal**	
	Specifies the function of the pedal that is connected to the PEDAL CONTROL jack. * For details, refer to "Parameter Guide (English)" (PDF).	
Control Pedal Polarity	Selects the polarity of the pedal connected to the PEDAL CONTROL jack.	
	STANDARD, REVERSE	
Continuous Hold Pedal	If this is ON, the PEDAL HOLD jack will support half-pedaling.	
	OFF, ON	
Hold Pedal Polarity	Selects the polarity of the pedal connected to the PEDAL HOLD jack.	
	STANDARD, REVERSE	

Parameter	Value/Explanation		
KNOB			
Knob 1–4 Assign	**Assigning the Function of the Control Knobs** Specifies the function that is assigned to each knob when the parameter controlled by the control knobs is set to ASSIGN 1–4. * For details, refer to "Parameter Guide (English)" (PDF).		
SYNC/TEMPO			
Sync Mode	Specifies the synchronization message that the XPS-30 will use for operation.		
	MASTER	The XPS-30 will be the master. Choose this setting when using the XPS-30 by itself without synchronizing to another device.	
	SLAVE	The XPS-30 will be the slave. Choose this setting when you want the XPS-30 to synchronize to MIDI Clock messages received from another MIDI device.	
Clock Source	When the Sync Mode is "SLAVE," this setting specifies whether the XPS-30 will synchronize to synchronization messages from the MIDI IN connector or from the USB COMPUTER port.		
	MIDI, USB		
Startup Tempo	Specifies the tempo when the XPS-30 starts.		
	20–250		
Tempo Lock	When you switch performances or patterns, this specifies whether the tempo of the newly selected performance/pattern is used, or the current tempo is maintained.		
	OFF, ON (maintain)		
METRONOME			
Metronome Mode	Specifies how the metronome will be sounded.		
	OFF	No metronome is sounded.	
	PLAY-ONLY	The metronome sounds when a pattern is playing.	
	REC-ONLY	The metronome sounds when a pattern is being recorded.	
	PLAY&REC	The metronome sounds when a pattern is playing or being recorded.	
	ALWAYS	The metronome sounds at all times.	
Metronome Level	Adjusts the metronome volume.		
	0–10		
Metronome Sound	Selects the metronome sound.		
	TYPE1	Conventional metronome sound (first beat is a bell)	
	TYPE2	Click sound	
	TYPE3	Beep sound	
	TYPE4	Cowbell sound	
Metronome Accent Switch	Adds an accent to the metronome sound.		
	OFF, ON		
MIDI			
Local Switch	Determines whether the internal sound generator is disconnected (OFF) from the controller section (keyboard, pitch bend/modulation lever, buttons, sliders, pedal, and so on); or not disconnected (ON). Normally you'll leave this "ON." Choose the "OFF" setting if you want operations on the XPS-30 to only control DAW software on your computer.		
	OFF, ON		
Patch Rx/Tx Ch	In patch mode, specifies the MIDI message transmit/receive channel for the keyboard part.		
	1–16		
Performance Contorl Channel	Specifies the MIDI receive channel on which MIDI messages (program change/bank select) from an external MIDI device will be received by the XPS-30 to switch performances. Choose "OFF" setting if you don't want performances to be switched from a connected MIDI device.		
	1–16, OFF		
Transmit Program Change, Bank Select, Active Sensing	Specifies whether program change messages/bank select messages/active sensing messages will be transmitted (ON) or not transmitted (OFF).		
	OFF, ON		
Transmit Edit Data	Specifies whether changes you make in the settings of a patch or performance will be transmitted as system exclusive messages (ON), or will not be transmitted (OFF).		
	OFF, ON		
Receive Program Change, Bank Select	Specifies whether program change messages/bank select messages will be received (ON) or not received (OFF).		
	OFF, ON		
Soft Through	If this is "ON," incoming MIDI messages from the MIDI IN connector will be re-transmitted without change from the MIDI OUT connector.		
	OFF, ON		
USB Driver	Sets the USB driver. * This setting will take effect when you turn the power off, then on again.		
	GENERIC	Choose this if you want to use the generic USB driver provided by your computer's operating system.	
	VENDOR	Choose this if you want to use a USB driver downloaded from the Roland website. (*1)	
CONTROL			
	* For details, refer to "Parameter Guide (English)" (PDF).		
INFORMATION			
Version	View the software version.		
Expansion	Displays information about expansion sounds.		

*1:   **Download the Driver**
In order to use the XPS-30 with the "VENDOR" setting, you must download the driver from the following URL and install it on your computer.
For details on installation, refer to the following URL.
➡ **http://www.roland.com/support/**

Convenient Functions (UTILITY)

These functions let you back up the XPS-30's internal data to a USB flash drive, or to restore data from a USB flash drive into the XPS-30.
Other utility functions let you return the XPS-30 to its factory-set state, or initialize a USB flash drive.

1. **Press the [MENU] button.**
The MENU screen appears.

2. **Move the cursor to "UTILITY," and press the [ENTER] button.**
The UTILITY screen appears.

```
UTILITY                    [ENTER]
▶ BACKUP          FACTORY RESET
  RESTORE         FORMAT USB MEMORY
```

Menu	Explanation
BACKUP	Backs up user data to the USB flash drive. System and user setting (.SVD) and pattern (.BIN) files are created.
RESTORE	Restores data from the USB flash drive.
FACTORY RESET	Returns the XPS-30 to the factory-set condition.
FORMAT USB MEMORY	Initializes a USB flash drive.

3. **Move the cursor to the item that you want to execute, and press the [ENTER] button.**
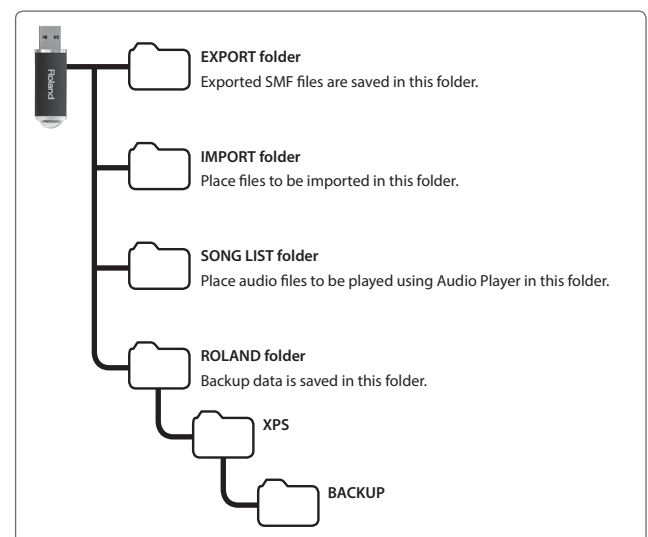
Initializing USB Flash Drive (FORMAT USB MEMORY)

NOTE
- If the USB Flash drive contains important data that you've created, be aware that all of this data will be lost when you execute this operation.
- Never turn off the power or remove the USB flash drives while the screen indicates "Processing...."

1. **In the UTILITY screen, move the cursor to "FORMAT USB MEMORY," and press the [ENTER] button.**
A confirmation message appears.
If you decide to cancel, press the [EXIT] button.

2. **Move the cursor to "OK," and press the [ENTER] button.**
When formatting is completed, the display indicates "Format Completed!"

The folder structure of a USB flash drive

EXPORT folder
Exported SMF files are saved in this folder.

IMPORT folder
Place files to be imported in this folder.

SONG LIST folder
Place audio files to be played using Audio Player in this folder.

ROLAND folder
Backup data is saved in this folder.

XPS

BACKUP

Saving XPS-30's Data to USB Flash Drive (BACKUP)

Here's how to backup user data to USB flash drive.

Types of data that can be saved

• User data for patches and performances	• User patterns
• Favorites	• System settings
• User data for vocoder/auto pitch	• User scale
• Samples	

NOTE

Never turn off the power or remove the USB flash drives while the screen indicates "Processing...."

1. In the UTILITY screen, move the cursor to "BACKUP," and press the [ENTER] button.
The BACKUP NAME screen appears.

```
BACKUP NAME (XPS-30.SVD)    [ENTER]
                W
              XPS-30
                Y
1/16            Z
```

2. Enter the file name.

MEMO

For more about entering a name, refer to "Saving Your Settings (Write)" (p. 10).

3. When you've specified the file name, press the [ENTER] button.
A confirmation message appears.
If you decide to cancel, press the [EXIT] button.

4. Move the cursor to "OK," and press the [ENTER] button.
When backup is completed, the display indicates "Backup Completed!"

Restoring Saved Data from USB Flash Drive Back into the XPS-30 (RESTORE)

Here's how to restore backed-up user data from USB flash drive into the XPS-30 (Restore).

NOTE

- When you execute the restore operation, all user data is rewritten. If the XPS-30 contains important data, back it up on a USB flash drive using a different name before you execute the restore operation.
- Never turn off the power or remove the USB flash drives while the screen indicates "Processing...."

1. In the UTILITY screen, move the cursor to "RESTORE," and press the [ENTER] button.
The RESTORE screen appears.

```
RESTORE  Please select a file.   [ENTER]
    >   XPS-30.SVD
```
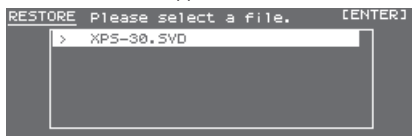
2. Move the cursor to the file that you want to restore.

Deleting or renaming a file

1. In the RESTORE screen, press the [MENU] button.
The FILE UTILITY window appears. The window closes if you press the button once again.

2. Move the cursor to "DELETE" or "RENAME," and press the [ENTER] button.

Function	Explanation
DELETE	When you press the [ENTER] button, the message "Are you sure?" appears. Move the cursor to "OK" and press the [ENTER] button. The selected file is deleted.
RENAME	When you press the [ENTER] button, the RENAME screen appears, allowing you to rename the selected file.

3. Press the [ENTER] button.
A confirmation message appears.
If you decide to cancel, press the [EXIT] button.

4. Move the cursor to "OK," and press the [ENTER] button.
When restore is completed, the display indicates "Completed. Please Shut down."

5. Turn the power of the XPS-30 off, then on again.

Returning to the Factory Settings (FACTORY RESET)

You can return all of the XPS-30's user settings to the state when the instrument was shipped from the factory (Factory Reset).

NOTE

- If the XPS-30's internal memory contains important data that you've created, be aware that all of this user data will be lost when you execute the factory reset operation. If you want to keep this data, save it to USB flash drive before you continue.
- Never turn off the power or remove the USB flash drive while the screen indicates "Processing...."

1. In the UTILITY screen, move the cursor to "FACTORY RESET," and press the [ENTER] button.
A confirmation message appears.
If you decide to cancel, press the [EXIT] button.

2. Move the cursor to "OK," and press the [ENTER] button.
When factory reset is completed, the display indicates "Completed. Please Shut down."

3. Turn the power of the XPS-30 off, then on again.

Playing the Demo Songs

1. Press the [MENU] button.
The MENU screen appears.

2. Move the cursor to "DEMO PLAY," and press the [ENTER] button.
The DEMO MENU screen appears.

3. Use the [◄] [►] buttons to select a demo song, and press the [ENTER] button.
Demo song playback starts.

* No data for the music that is played will be output from MIDI OUT connector and USB COMPUTER port.

Appendix

Troubleshooting

If the XPS-30 does not function in the way you expect, first check the following points. If this does not resolve the problem, consult your dealer or a nearby Roland service center.

Problem	Cause/Action	Page
The power does not turn on	Make sure that the XPS-30's AC adaptor is correctly connected to an AC outlet and to the rear panel power connector, and that the adaptor itself and AC power cord are connected correctly.	p. 3
	If you connect the AC adaptor and turn on the power when batteries are installed, the AC adaptor will be used preferentially. Even if batteries are installed, the power will not turn on unless the AC adaptor is connected to an AC outlet. If you're using batteries, disconnect the AC adaptor from the XPS-30. If batteries are installed, connecting or disconnecting the power cord from the outlet or connecting or disconnecting the DC plug of the AC adaptor while the XPS-30 is turned on will cause the power to turn off.	
There is no sound	Is the power for connected amps and speakers turned on?	
	Could you have lowered the volume of your connected equipment?	
	Is the [MASTER VOLUME] knob turned all the way down?	p. 5
	Have connections been made correctly?	p. 3
	Can you hear sound through headphones? If there is sound in the headphones, it is possible that the connection cables are broken, or that your amp/mixer has malfunctioned. Check your cables and amp/mixer system once again.	
	If you do not hear sound when you play the keyboard, check whether the Local Switch is turned OFF. Make sure that the Local Switch setting is turned on.	p. 17
	Could the level of the tone (patch) be too low? Check the level setting.	
	Could the level setting be too low? In the "SOUND" system settings, check the "Master Level" setting.	p. 16
	Could the keyboard switch be off? Turn the keyboard switch on. For details, refer to "Parameter Guide (English)" (PDF).	
	Could a part be muted? Turn mute off. For details, refer to "Parameter Guide (English)" (PDF).	
	Are the Effect settings correct? Check the Effect settings ON or OFF.	
	Could the volume have been lowered by a MIDI message (volume message or expression message) received from the computer or by operating the pedal?	
	Could the patch's tones be turned off? Turn the Tone Switch "ON." For details, refer to "Parameter Guide (English)" (PDF).	
A specific Part does not sound	Has the volume level of the part been lowered? Check the level of each part.	
	Could the [LEVEL] sliders be lowered?	p. 2
When I play the keyboard, notes do not stop	Is the pedal polarity reversed? In the "PEDAL" system settings, check the "Control Pedal Polarity" or "Hold Pedal Polarity" setting.	p. 16
Microphone sound is not output	Check the MIC [LEVEL] knob of the rear panel and [MIC IN] LEVEL slider.	p. 8
	Could the Mic In level be 0? In the "MIC IN SETTINGS" system settings, check the "Mic In Level" setting.	p. 16
	Could you be using a condenser microphone? The XPS-30 does not support condenser microphones.	

Error Messages

If an incorrect operation is performed, or if processing could not be performed as you specified, an error message appears.
Refer to the explanation for the error message that appears, and take the appropriate action.

Message	Meaning	Action	Page
Battery Low!	The battery has run down.	Replace the batteries, or use an AC adaptor.	p. 3
Incorrect File!	This is a file that the XPS-30 is unable to play/import.	Do not use this file.	
MIDI Buffer Full!	An unusually large amount of MIDI data was received, and could not be processed.	Reduce the amount of MIDI messages that are being transmitted.	
MIDI Offline!	The MIDI IN connection was broken.	Check that there is no problem with the MIDI cable connected to the XPS-30's MIDI IN, and that the MIDI cable was not disconnected.	
No More Favorites!	No more favorites have been registered.	Check the currently selected favorite number and the direction ("FAV-UP" or "FAV-DOWN") that's assigned to the pedal.	
Not Found!	The file was not found on the USB flash drive.	Make sure that the file exists on the USB flash drive.	
Now Playing!	Since the XPS-30 is playing, this operation cannot be executed.	Stop playback before you execute the operation.	
Now Recording!	Since the XPS-30 is recording, this operation cannot be executed.	Stop recording before you execute the operation.	
Pattern Full!	The maximum number of notes that can be recorded in one pattern has been exceeded; the pattern cannot be recorded any further.	Delete unneeded data from the pattern that you're recording.	p. 14
	This indication may appear if a large amount of data, such as movements of the Control knobs, is being recorded. No further pattern recording is possible.		
Read Error!	Failed to load data from USB flash drive.	Make sure that USB flash drive is correctly connected.	
	It may be that the file is damaged.	Do not use this file.	
	This file cannot be loaded since its format is incorrect.		
Rec Overflow!	Since a large amount of recorded data was input all at once, it could not be processed correctly.	Reduce the amount of recorded data.	p. 14
Sys Mem Damaged!	It is possible that the contents of system memory have been damaged.	Please execute a Factory Reset. If this does not resolve the problem, contact your dealer or a nearby Roland service center.	p. 18
USB Mem NotReady!	USB flash drive is not connected.	Connect USB flash drive.	
Memory Full!	Import is not possible because user memory is full.	Delete unneeded samples (patches).	p. 9
Write Error!	Failed to write data to USB flash drive.	Make sure that USB flash drive is correctly connected.	
	Data cannot be written because the USB flash drive has no more free space.	Delete unneeded files from the USB flash drive. Alternatively, use a different USB flash drive device, one that has more free space available.	
	The file or the USB flash drive itself is write protected.	Make sure that the file or the USB flash drive is not write protected.	

Main Specifications

Roland XPS-30: Synthesizer Keyboard (Conforms to General MIDI 2 System)

Keyboard	61 keys (with velocity)		
Power Supply	DC 9 V: AC adaptor or Ni-MH AA size rechargeable battery (AA, HR6) (sold separately) x 8		
Current draw	600 mA	• Battery life for continuous use (differs depending on the conditions of use) Rechargeable nickel metal hydride batteries: approximately 5 hours (When using batteries having a capacity of 1,900 mAh.) (approximately 4 hours if USB flash drive is connected) * Carbon-zinc or alkaline batteries cannot be used	
Dimensions	1,008 (W) x 300 (D) x 97 (H) mm 39-11/16 (W) x 11-13/16 (D) x 3-7/8 (H) inches		
Weight	5.3 kg / 11 lbs 12 oz		
Accessories	Owner's manual, Leaflet "USING THE UNIT SAFELY," AC adaptor, Power cord		
Options (sold separately)	Keyboard stand (*1): KS-18Z, KS-12		
	Pedal switch: DP series Expression pedal: EV-5 USB flash memory (*2)	*1: When using the KS-18Z, ensure that the height of the unit is one meter or lower. *2: Use USB flash memory (supports USB 2.0 Hi-Speed flash memory) sold by Roland. We cannot guarantee operation if other products are used.	

* In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

MEMO

For details on how to place this unit on a stand, refer to "Placing This Unit on a Stand" in "Parameter Guide (English)" (PDF).

USING THE UNIT SAFELY

⚠ WARNING

To completely turn off power to the unit, pull out the plug from the outlet

Even with the power switch turned off, this unit is not completely separated from its main source of power. When the power needs to be completely turned off, turn off the power switch on the unit, then pull out the plug from the outlet. For this reason, the outlet into which you choose to connect the power cord's plug should be one that is within easy reach and readily accessible.

Concerning the Auto Off function

The power to this unit will be turned off automatically after a predetermined amount of time has passed since it was last used for playing music, or its buttons or controls were operated (Auto Off function). If you do not want the power to be turned off automatically, disengage the Auto Off function (p. 16).

Use only the stand that is recommended

This unit should be used only with a stand that is recommended by Roland.

Do not place in a location that is unstable

When using the unit with a stand recommended by Roland, the stand must be carefully placed so it is level and sure to remain stable. If not using a stand, you still need to make sure that any location you choose for placing the unit provides a level surface that will properly support the unit, and keep it from wobbling.

⚠ WARNING

Precautions regarding placement of this unit on a stand

Be sure to follow the instructions in the "Parameter Guide (English)" (PDF) carefully when placing this unit on a stand.
If it is not set up properly, you risk creating an unstable situation which could lead to the unit falling or the stand toppling, and may result in injury.

Use only the supplied AC adaptor and the correct voltage

Be sure to use only the AC adaptor supplied with the unit. Also, make sure the line voltage at the installation matches the input voltage specified on the AC adaptor's body. Other AC adaptors may use a different polarity, or be designed for a different voltage, so their use could result in damage, malfunction, or electric shock.

Use only the supplied power cord

Use only the attached power cord. Also, the supplied power cord must not be used with any other device.

⚠ CAUTION

Use only the specified stand(s)

This unit is designed to be used in combination with specific stands (KS-18Z/KS-12) manufactured by Roland. If used in combination with other stands, you risk sustaining injuries as the result of this product dropping down or toppling over due to a lack of stability.

Evaluate safety issues before using stands

Even if you observe the cautions given in the owner's manual, certain types of handling may allow this product to fall from the stand, or cause the stand to overturn. Please be mindful of any safety issues before using this product.

Handle the ground terminal carefully

If you remove the screw from the ground terminal, be sure to replace it; don't leave it lying around where it could accidently be swallowed by small children. When refastening the screw, make that it is firmly fastened, so it won't come loose.

Take care not to get burned

Batteries may reach a high temperature; please be careful to avoid burning yourself.

IMPORTANT NOTES

Power Supply: Use of Batteries

- If the batteries run extremely low, the sound may distort, but this does not indicate a malfunction. If this occurs, please replace the batteries or use the included AC adaptor.

- If operating this unit on batteries, please use rechargeable Ni-MH batteries.

- If operating this unit on batteries, please disconnect the AC adaptor from this unit.

- Even if batteries are installed, the unit will turn off if you connect or disconnect the power cord from the AC outlet while the unit is turned on, or if you connect or disconnect the AC adaptor from the unit. When this occurs, unsaved data may be lost. You must turn off the power before you connect or disconnect the power cord or AC adaptor.

Placement

- Do not allow objects to remain on top of the keyboard. This can be the cause of malfunction, such as keys ceasing to produce sound.

- Depending on the material and temperature of the surface on which you place the unit, its rubber feet may discolor or mar the surface.

Care of the Keyboard

- Do not write on the keyboard with any pen or other implement, and do not stamp or place any marking on the instrument. Ink will seep into the surface lines and become unremovable.
- Do not affix stickers on the keyboard. You may be unable to remove stickers that use strong adhesives, and the adhesive may cause discoloration.
- To remove stubborn dirt, use a commercially available keyboard cleaner that does not contain abrasives. Start by wiping lightly. If the dirt does not come off, wipe using gradually increasing amounts of pressure while taking care not to scratch the keys.

Repairs and Data

- Before sending the unit away for repairs, be sure to make a backup of the data stored within it; or you may prefer to write down the needed information. Although we will do our utmost to preserve the data stored in your unit when we carry out repairs, in some cases, such as when the memory section is physically damaged, restoration of the stored content may be impossible. Roland assumes no liability concerning the restoration of any stored content that has been lost.

Additional Precautions

- Any data stored within the unit can be lost as the result of equipment failure, incorrect operation, etc. To protect yourself against the irretrievable loss of data, try to make a habit of creating regular backups of the data you've stored in the unit.

- Roland assumes no liability concerning the restoration of any stored content that has been lost.

- Never strike or apply strong pressure to the display.

- The sound of keys being struck and vibrations produced by playing an instrument can be transmitted through a floor or wall to an unexpected extent. Please take care not to cause annoyance to others nearby.

- Use only the specified expression pedal (EV-5; sold separately). By connecting any other expression pedals, you risk causing malfunction and/or damage to the unit.

- Continuous playing may cause dis-coloration of the pad, but this will not affect the pad's function.

- Do not use connection cables that contain a built-in resistor.

Using External Memories

- Please observe the following precautions when handling external memory devices. Also, make sure to carefully observe all the precautions that were supplied with the external memory device.
  - Do not remove the device while reading/writing is in progress.
  - To prevent damage from static electricity, discharge all static electricity from your person before handling the device.

Ground Terminal

- Depending on the circumstances of a particular setup, you may experience a discomforting sensation, or perceive that the surface feels gritty to the touch when you touch this device, microphones connected to it, or the metal portions of other objects. This is due to an infinitesimal electrical charge, which is absolutely harmless. However, if you are concerned about this, connect the ground terminal (p. 3) with an external ground. When the unit is grounded, a slight hum may occur, depending on the particulars of your installation. If you are unsure of the connection method, contact the nearest Roland Service Center, or an authorized Roland distributor, as listed on the "Information."

Unsuitable places for connection
- Water pipes (may result in shock or electrocution)
- Gas pipes (may result in fire or explosion)
- Telephone-line ground or lightning rod (may be dangerous in the event of lightning)

Intellectual Property Right

- It is forbidden by law to make an audio recording, video recording, copy or revision of a third party's copyrighted work (musical work, video work, broadcast, live performance, or other work), whether in whole or in part, and distribute, sell, lease, perform, or broadcast it without the permission of the copyright owner.

- Do not use this product for purposes that could infringe on a copyright held by a third party. We assume no responsibility whatsoever with regard to any infringements of third-party copyrights arising through your use of this product.

- The copyright of content in this product (the sound waveform data, style data, accompaniment patterns, phrase data, audio loops and image data) is reserved by Roland Corporation.

- Purchasers of this product are permitted to utilize said content (except song data such as Demo Songs) for the creating, performing, recording and distributing original musical works.

- Purchasers of this product are NOT permitted to extract said content in original or modified form, for the purpose of distributing recorded medium of said content or making them available on a computer network.

- MMP (Moore Microprocessor Portfolio) refers to a patent portfolio concerned with microprocessor architecture, which was developed by Technology Properties Limited (TPL). Roland has licensed this technology from the TPL Group.

- MPEG Layer-3 audio compression technology is licensed from Fraunhofer IIS Corporation and THOMSON Multimedia Corporation.

- ASIO is a trademark and software of Steinberg Media Technologies GmbH.

- Roland is registered trademarks or trademarks of Roland Corporation in the United States and/or other countries.

- Company names and product names appearing in this document are registered trademarks or trademarks of their respective owners.

MEMO

Shortcut List

Shortcut	Explanation
MODE	
[SAMPLE IMPORT] + [DAW CONTROL]	Displays the EDIT MENU screen.
Common section	
[SHIFT] + [SELECT]	All three SELECT indicators (◄) that indicate the control knob function will light, allowing you to use the four control knobs to adjust the volume of each part. Perform the same operation once again to return to the previous knob function. * For details, refer to "Parameter Guide (English)" (PDF).
[SHIFT] + [VOCODER/AUTO PITCH]	Displays the MIC IN SETTINGS screen. There you can specify the effect applied to the mic.
[SHIFT] + [−] [+]	Makes the value change in larger steps.
[SHIFT] + [►]	Moves between tabs in setting screens such as system or edit.
[SHIFT] + [◄]	
[SHIFT] + [NUMERIC]	Previews the sound of the currently selected part.
[SHIFT] + [FAVORITE]	Displays the FAVORITE UTILITY screen. (Check/Delete Favorite)
[SHIFT] + [0]	Displays the PATCH EDIT screen. When a drum kit is selected, displays the DRUM KIT EDIT screen.
[SHIFT] + [1]	In Performance mode, this allows you to make MFX settings for the currently selected part. (Effect Edit)
[SHIFT] + [2]	Allows you to make chorus settings. (Effect Edit)
[SHIFT] + [3]	Allows you to make reverb settings. (Effect Edit)
[SHIFT] + [9] ([SAMPLE])	Displays the SAMPLE EDIT screen.
[SHIFT] + [EXIT]	Turns off the display backlight.
[SHIFT] + [ENTER]	Turns on the display backlight.
KEYBOARD	
[SPLIT] + keyboard	Specifies the split point (if Split is on).
[SPLIT] + [DUAL]	In split/dual, exchanges the upper (part 1) and lower (part 2) patches.
[SHIFT] + [ARPEGGIO]	Displays the Arp Hold (OFF, ON) and ARPEGGIO screen. If the Arpeggio Switch is Off, the Arpeggio Switch is turned On.
[SHIFT] + [KEY TOUCH]	Fixes the key touch.
[KEY TOUCH] + [TRANSPOSE]	Displays the USER SCALE screen.
[SHIFT] + [PATCH/PERFORM]	Adjusts the volume of each part. (Part Edit)
PHRASE PAD (Rhythm Pattern/Audio Player)	
[SHIFT] + Pad [1]	Move to the beginning the rhythm pattern or the audio file selected by the pad.
[SHIFT] + Pad [2]	Rewinds the rhythm pattern or the audio file selected by the pad.
[SHIFT] + Pad [3]	Fast-forwards the rhythm pattern or the audio file selected by the pad.
[SHIFT] + [LOOP]	Specifies the loop point (Start and End) of the currently-playing audio file.
[SHIFT] + [LOWER] LEVEL	Adjusts the start point in the loop settings of the audio file.
[SHIFT] + [UPPER] LEVEL	Adjusts the end point in the loop settings of the audio file.
PHRASE PAD (Pattern Sequencer)	
[SHIFT] + [LOOP]	During pattern recording, when recording has reached the specified length of measures, this setting specifies whether to change from recording to playback (LOOP REC OFF) or to continue recording (LOOP REC ON).
[SHIFT] + [ERASE]	Displays the PATTERN ERASE screen.
[SHIFT] + [PATTERN SEQUENCER]	Displays the PATTERN UTILITY MENU screen.
[SHIFT] + [TEMPO]	Turns the metronome on/off.
[MUTE] + [ERASE]	Erases data other than notes using the realtime erase function of the pattern sequencer.