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Roland XPS-30 RED

Roland XPS-30 RED Expandable Synthesizer User Manual

Model: XPS-30 RED

1. Product Overview

The Roland XPS-30 RED Expandable Synthesizer is a versatile 61-key instrument designed for performing musicians. It builds upon the features of its predecessor, the XPS-10, by offering enhanced acoustic and electric piano sounds, expanded waveform sets via Roland's Axial website, and increased memory for user samples, including multi-sample import. The synthesizer also includes a built-in eight-track pattern sequencer for composition and a dedicated mic input with vocal effects for live performance.



Figure 1.1: The Roland XPS-30 RED Expandable Synthesizer shown with its dedicated carry bag.

2. Key Features

- **Maximum Polyphony:** 128 voices, allowing for rich and complex sound layering.
- **Parts:** 16 parts, enabling multi-timbral performance and sequencing.
- **USB Audio/MIDI and DAW Control:** Seamless integration with computer-based music production environments.
- **Mic Input with Vocal Effects:** Features dedicated Reverb, Vocoder, and Auto Pitch effects for vocal performances.
- **File Format Support:** Compatible with WAV, AIFF, and MP3 audio files.
- **Rhythm Pattern Presets:** 30 groups with 8 patterns each for rhythm accompaniment.
- **Display:** Graphic LCD with 256 x 80 dots for clear navigation and parameter display.

3. Unboxing and Included Components

Upon opening the packaging, ensure all components are present and undamaged. The following items are included with your Roland XPS-30 RED Synthesizer:

- Roland XPS-30 RED Expandable Synthesizer
- Owner's Manual
- Leaflet "USING THE UNIT SAFELY"
- AC Adaptor
- Power Cord
- Carry Bag (as indicated by the product title)



Figure 3.1: The included carry bag for the Roland XPS-30 RED Synthesizer, designed for portability and protection.

4. Setup

4.1 Power Connection

1. Connect the supplied AC adaptor to the DC IN jack on the rear panel of the XPS-30.
2. Plug the power cord into the AC adaptor, then into a standard AC outlet.
3. Ensure the power switch is in the OFF position before connecting.

4.2 Audio Connections

The XPS-30 offers various audio output options:

- **OUTPUT (L/MONO, R) Jacks:** Connect these to your amplifier, mixer, or audio interface using standard 1/4-inch phone cables. Use the L/MONO jack for mono output.
- **PHONES Jack:** Connect stereo headphones for private monitoring.

- **MIC INPUT Jack:** Connect a microphone (XLR or 1/4-inch) for vocal processing.



Figure 4.1: Rear panel connections of the Roland XPS-30, including power, audio outputs, and USB ports.

4.3 Pedal Connections

- **HOLD PEDAL Jack:** Connect a sustain pedal (e.g., Roland DP series) for sustaining notes.
- **CONTROL PEDAL Jack:** Connect an expression pedal (e.g., Roland EV-5) for real-time control over various parameters.

4.4 USB Connection

The XPS-30 features USB ports for computer connectivity:

- **USB COMPUTER Port (Type B):** Connect to your computer for MIDI communication and audio interface functionality.
- **USB MEMORY Port (Type A):** Connect a USB flash drive for data backup, sound expansion, and audio file playback.

5. Operating Instructions

5.1 Powering On/Off

1. To power on, press the [POWER] switch located on the rear panel.
2. To power off, press the [POWER] switch again. Ensure all data is saved before powering off.

5.2 Basic Sound Selection

The XPS-30 organizes sounds into various categories. Use the [CATEGORY] buttons and the data dial to browse and select sounds. The graphic LCD will display the currently selected sound name.



Figure 5.1: The control panel of the Roland XPS-30, featuring the LCD screen, data dial, and various control buttons.

5.3 Using the Phrase Pads

The Phrase Pads (1-8) can be used to trigger samples, loops, or rhythm patterns. Refer to the owner's manual for detailed instructions on assigning and managing content for the phrase pads.

5.4 Pattern Sequencer

The built-in eight-track pattern sequencer allows you to record and playback musical ideas. Access the sequencer mode and follow the on-screen prompts to record, edit, and arrange patterns.

5.5 Vocal Effects

When a microphone is connected to the MIC INPUT, you can apply dedicated vocal effects such as Reverb, Vocoder, and Auto Pitch. Adjust parameters using the dedicated controls or through the menu system.

6. Maintenance

6.1 Cleaning

- Wipe the unit with a soft, dry cloth.
- For stubborn dirt, use a slightly damp cloth and then wipe dry.
- Do not use abrasive cleaners, waxes, or solvents.

6.2 Storage

- Store the synthesizer in a cool, dry place away from direct sunlight and extreme temperatures.
- Use the provided carry bag for protection during transport and storage.

6.3 Firmware Updates

Periodically check the official Roland website for firmware updates to ensure optimal performance and access to new features. Follow the instructions provided with the firmware update package carefully.

7. Troubleshooting

Problem	Possible Cause	Solution
No sound output.	Volume is too low; cables are not connected properly; incorrect output selected.	Increase the MASTER VOLUME. Check all audio cable connections. Ensure the correct output (e.g., PHONES, OUTPUT L/R) is being monitored.
Unit does not power on.	Power cord or AC adaptor not connected correctly; power outlet issue.	Verify AC adaptor and power cord connections. Try a different power outlet.
USB device not recognized.	Incorrect USB port used; driver not installed (for computer connection); incompatible USB device.	Ensure the correct USB port (COMPUTER or MEMORY) is used. Install the latest Roland USB driver for your computer. Use a compatible USB flash drive.
Distorted sound.	Input/output levels are too high; faulty cable.	Adjust input/output levels to prevent clipping. Try replacing audio cables.

For further troubleshooting or issues not listed here, please consult the comprehensive Owner's Manual or contact Roland customer support.

8. Specifications

Feature	Detail
Model Name	XPS-30 RED
Brand	Roland
Keyboard	61 keys (with velocity)
Maximum Polyphony	128 voices
Parts	16 parts
Connector Type	USB
File Formats Supported	WAV, AIFF, MP3
Rhythm Pattern Presets	30 groups x 8 patterns
Display	Graphic LCD 256 x 80 dots
Product Dimensions (L x W x H)	19.69 x 7.87 x 7.87 inches
Item Weight	15.43 pounds (7000 Grams)
Color	Red
Manufacturer	Roland Corporation
UPC	761294517895
Date First Available	January 12, 2021

9. Warranty and Support

The Roland XPS-30 RED Expandable Synthesizer is covered by Roland's standard manufacturer's warranty. For detailed information regarding warranty terms, registration, and technical support, please refer to the official Roland website or the warranty card included with your product.

For direct support, visit the Roland support page or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

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