

FR-8x Piano type

V-Accordion



Virtual Tone Wheel



mp3

USB
MEMORY



The Ultimate Fusion of Technology and Tradition

With the incredible new FR-8x, Roland has perfected the synergy between traditional accordion playability and modern digital power. The latest flagship piano-type V-Accordion is jam-packed with features and enhancements developed with input from the world's top players, bringing a previously unattained level of expression and versatility to every accordionist. Innovative Dynamic Bellows Behavior technology delivers the true bellows response of an acoustic accordion, while the expanded sound set, four powerful multi-effects, an onboard looper, and much more offer a treasure chest of tools for dynamic musical exploration. Seamlessly fusing top-level technology with familiar acoustic tradition, the FR-8x V-Accordion ushers in a new era of creative freedom for players everywhere.



- Flagship piano-type V-Accordion, filled with many enhancements requested by pro accordionists
- Newly developed Dynamic Bellows Behavior technology emulates the true bellows response of an acoustic accordion in every register
- Simple and convenient onboard battery charging with an AC adapter
- A large selection of accordion sounds from around the world, plus 180 orchestra and percussion sounds and world-class Virtual Tone Wheel organs
- Four powerful multi-effects engines (MFX), with dedicated MFX for Accordion, Orchestra 1, Orchestra 2, and Orchestra Chord sections.
- All-new user interface, featuring a large, easy-to-read color display, intuitive panel layout, and three programmable chin switches for hands-free control of a variety of functions
- 1400 user program memories allow players to save custom setups for every performing situation
- Onboard looper for creating instant backing accompaniment
- Recording and audio playback via convenient USB memory; USB host port for connecting to computers
- Available in red and black finishes

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True Acoustic Response with Dynamic Bellows Behavior

Newly developed for the FR-8x, Dynamic Bellows Behavior technology represents a real breakthrough for digital accordionists. In an acoustic accordion, sounds are produced by reeds that vibrate with airflow generated by the movement of the bellows; the resistance of the bellows constantly varies, depending on how many reeds are selected and how many notes are played at once. In the FR-8x, Dynamic Bellows Behavior automatically adjusts the air transfer in the bellows in real time based on the selected register and the number of notes played, accurately replicating the familiar and comfortable bellows feel of an acoustic accordion. Dynamic Bellows Behavior can be easily disabled for players that prefer the bellows feel of previous V-Accordions.

Redesigned Interface with Color Display and Intuitive Panel Layout

The FR-8x features a completely redesigned user interface that's more powerful and easier to use than ever before. A large, recessed color display makes it simple to see and edit various parameters, while the revamped panel layout provides fast, intuitive operation via many dedicated buttons and knobs. Three all-new programmable chin switches let you control a variety of functions such as changing registers, selecting user programs, and more, all without lifting your hands off the keyboards. Additionally, 1400 user program memories provide ample storage for custom settings, with quick fingertip recall in every performing situation.

All-in-One Operation and Onboard Battery Charging

The FR-8x is a totally self-contained instrument, complete with a rechargeable onboard battery and built-in stereo amplification system. Battery charging is accomplished simply by connecting the included AC adapter directly to the FR-8x, and you can play without interruption during the charging process. In addition, all device connections are now located right on the instrument, including MIDI, USB, and audio jacks for connecting to an external amplification or recording system.

Gallery



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Expanded Collection of World-Class Sounds

In addition to a full selection of authentic accordion sounds from around the world, the FR-8x is equipped with over 180 orchestra and percussion sounds, giving you the power to expand your music into unexplored territory. Included are traditional instruments such as strings and brass, plus electric and acoustic guitars, choir, church organ, harp, ethnic sounds, synthesizers, and a wide range of drum kits. With the Virtual Tone Wheel sound engine, you can play amazing organ sounds using Treble (upper), Chord (lower) and Bass (pedal) sections, with harmonic bar controls to personalize your organ sounds for any musical style. Four internal memory areas (8 MB each) are provided for loading new sounds from the Roland sound library.

Zones, Layers, and Drums

With the FR-8x, more layering and zone setup options are possible in the right-hand keyboard modes than ever before. Whole, Zone, High, and Low modes are provided, giving you the ability to play up to four different tones at once. Left-hand keyboard modes now include layering options as well. The programmable Drum function takes accordion performance to a fun new dimension, letting you play percussion sounds manually with the Bass & Chord buttons.

Powerful Multi-Effects and Onboard Looper

Explore all-new sonic textures with the FR-8x's four independent multi-effects engines (MFX), which provide dedicated processing for the Accordion, Orchestra 1, Orchestra 2, and Orchestra Chord sections. Each engine has 84 different effects types, offering a wide range of enhancement from subtle to dramatic. With the onboard looper, you can instantly record and overdub accordion performances using the FR-8x's enormous selection of sounds, creating impressive, on-the-spot backing accompaniment for improvisation.

Gallery





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USB Song Playback, Recording, and More

The handy MP3/WAV song player lets you play along with pre-recorded musical tracks for practice and live backing via optional USB memory. Just plug your USB stick into the convenient front-panel plug, then select and play songs with dedicated, easy-to-reach controls. And with the touch of a button, your accordion performances can be recorded directly to USB memory as well, perfect for archiving, evaluation, and education. Via the USB host port on the side panel, you can connect the FR-8x to your computer for data storage, customization of V-Accordion sound sets, and easy-to-install software updates.



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FR-8x Specifications

[Keyboard, Bass & Bellows]

- Right Hand

41 keys piano type with velocity sensitive and aftertouch

- Left Hand

120 bass buttons velocity sensitive. Standard, Free Bass mode, Orch. Bass, Orch. Chord, Orch. Free Bass.

- Bass & Chord Mode

2 Bs Rows, 3 Bs Rows A-7th, 3 Bs Rows A-5dim, 3 Bs Rows B-7th, 3 Bs Rows B-5dim, 3 Bs Rows Bx-7th, 3 Bs Rows Belgium

- Free Bass Mode

Minor 3rd, Bajan, Fifth, North Europe, Finnish

- Bellows

Advanced "Dynamic Bellows Behavior" technology to manage the behavior of bellows.

- Bellows Resistance

On, Off, -63 to 0 to +64

- Bellows Curve

Fixed Low, Fixed Med, Fixed High, X-Light, Light, Standard, Heavy, X-Heavy

[Sound Source]

- Max Polyphony

128 voices

- Tones (Accordion Set)

100 Accordion Sets, each one including: 14 Treble Registers, 7 Bass/Chord registers, 7 Free Bass registers, 7 Orchestra Free Bass registers, 7 Orchestra Bass registers, 7 Orchestra Chord registers, 180 Orchestral sounds (28 real time + others selectable by MENU), 18 Drum Sets

- Reed Footages

7 Treble, 5 Bass, 3 Chord, 2 Free Bass

- Additional Sounds

Uploadable from USB memory and saved on internal memory

[Orchestral Sounds]

180: 28 real time (14x2) the others selectable by MENU

[Organ Sounds (Virtual Tone Wheel)]

32 presets for Treble, Chord and Free Bass sections, 16 presets x Bass section.

Up to 28 Harmonic Bar combinations customizable, can be controlled and shaped by bellows.

[Orchestral Bass Sounds]

180: 7 real time, the others selectable by MENU

[Orchestral Chord Sounds]

180: 7 real time, the others selectable by MENU

[Orchestral Free Bass Sounds]

180: 7 real time, the others selectable by MENU

[Drum Sets]

18

[User Programs]

1400: 100 User Program Bank x 14 registers

[APBM (Advanced Physical Behavior Modeling)]

- Noises

Stopping-reed growl, Closing valve noise, Left button noise

- Individual Reed Simulation

Hysteresis threshold, Expression curve, Pressure variant filter, Pressure variant pitch deviation

- Switching Reed Sound Wave

By bellows acceleration

By note repetition speed

- Bellows Opening/Closing Sound Change

By bellows opening/closing detection

- Bellows Behavior

Dynamic Bellows Behavior technology for a perfect simulation of the bellows behavior in an acoustic accordion

[Musette Tuning]

- Micro-Tuning Presets

16 Types: Off, Dry, Classic, F-Folk, American L/H, North Europe, German L/H, D-Folk L/H, Alpine, Italian L/H, French, Scottish

- Fine Tuning Reed Footages 8- / 8+

-100 to 0 to +100

[Effects]

- Reverb/Chorus/Delay

8 types, 8 types, 10 types

- MFX Multi Effects

MFX x 4 (84 types) for: Accordion, Orchestra 1, Orchestra 2, Orch Chord/Orch Free Bass

- Rotary for Organ Sound

Slow/Fast with Vibrato, Chorus, Overdrive and VK-Rotary

- "Cassotto" Simulation

Yes

[Panel Controls]

- Knob Controls & Registers

Volume, Balance, Reverb Chorus, Delay, Effect (assignable knob), 14 x Accordion/Orchestra1/Orchestra2/Organ

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- Encoder

Data Edit with Enter

- Navigation Switches

Up, Down, Menu/Write, Exit/Jump

- Other Switches

Set Up, Set Down, Orch 1 On/Off, Orch 2 On/Off, Organ On/Off, Accordion On/Off, Orch Bass On/Off, Orch Chord/Free Bass On/Off, Free Bass On/Off, Bass&Chord On/Off, Drums On/Off, Bass to Treble On/Off, User Program On/Off, Song List On/Off, Power On/Off, Charge On/Off, Loop/Wave/MP3 player: Loop, Reset/Stop, Play/Pause, Audio Rec

- Chin Switches

3 programmable chin switches

- Additional Switches

6 user assignable function switches on last row of bass buttons

[Operation Mode]

- Accordion, Orchest1/Organ, Orchest2, Drum

Zone, High, Low

- Octave

-1, 0, +1 for Treble, -3, 0, +3 for Orchest1, Orchest2

- Drum Shift

-36 to 0 to +36

- Orchestra Chord Guitar Mode

Gtr Table1, Gtr Table2, Gtr Table3

- Sound Edit

Orchest1, Orchest2, Orch Bass, Orch Chord, Orch Free Bass

- Bass to Treble

On/Off

- Part Mute

Accordion, Orchest 1, Orchest 2, Organ, Bass&Chord, Free Bass, Orch Bass, Orch Chord, Orch Free Bass

- Bass & Chord with Drum/Percussion Sounds

Programmable drum/percussion sounds for Bass/Orch Bass 2 rows, Chord/Orchestra Chord 4 rows.

- Audio Player and Audio REC

MP3/Wave player from USB memory and REC on USB

- Audio Loop

REC (with Overdub function) and Play

- Speakers Off

On/Off adjustable via Menu parameter

- Editing and Write

Full parameters for each section - New Graphic User Interface

[MIDI Functions]

- Ext. Seq. Playback (MIDI IN) or USB Computer

Accordion, Bass&Chord, Orchest1, Orchest2, Organ, Orch Bass, Orch Chord, Orch Free Bass, ALL (Local Off function)

- Start/Stop MIDI TX

Send Start/Stop by pushing Alpha dial

[Others]

- Display Colour

LCD 2,4" 320 x 240 pixel

- Rated Power Output

2 x 25W RMS

- Speakers

2 x 9 cm neodymium speakers
2 tweeters

- Wave Expansion

4 internal areas (8Mb each) to load new sounds

- Power Supply

Supplied AC adaptor PSB-14U, rechargeable Ni-MH battery pack 24V-4500mAh

Expected battery life under continuous use: 8-hours speaker ON mode, 11-hours speaker OFF mode

- Onboard Connectors

OUTPUT jacks L/Mono (Treble), R/Mono (Bass): 1/4" phone type, PHONES jack: 1/4" phone type, MIDI OUT connector, MIDI IN connector, USB MEMORY connector type A, USB COMPUTER connector type B, DC IN connector (use Roland PSB-14U AC adaptor only)

- Accessories

PSB-14U AC Adaptor, Power cord (for connecting the AC adaptor), rechargeable Ni-MH battery pack 24V-4500mAh, Owner's Manual, Reference caps for the bass buttons, Straps, Accordion Cloth, accordion soft bag

- Options (sold separately)

USB flash memory (M-UF-series), Headphones RH-200, RH-300, rechargeable Ni-MH battery pack 24V-4500mAh, external pedal footswitch

- Colour Variation

Black, Red

[Size and Weight]

- Size

415 (H) x 543 (W) x 280 (D) mm

16-3/8 (H) x 21-7/16 (W) x 11-1/16 (D) inches

- Weight

12.1 Kg, 26 lbs 11 oz without straps

All specifications and appearances are subject to change.