

FR-3s/-3

V-Accordion

Compact is Beautiful!

Even the junior members of the V-Accordion family, the FR-3s and FR-3, provide all the features of a traditional accordion—and a lot more! Lightweight and portable, the FR-3s and FR-3 will be appreciated by budding accordion players and experienced entertainers alike for their portability and flexibility!



- 37-key piano-type treble keyboard/120 bass buttons
- 7 new Orchestral Chord/Orchestral Free Bass registers with completely new sounds
- Onboard MIDI socket
- Supplied with an adapter and a battery compartment (for optional AA-type batteries)
- Bellows resistance regulator

Realistic accordion simulation

The FR-3s/3 can simulate up to 10 different accordions, each including 10 Treble registers, 7 Bass/Chord registers, and 7 Free Bass registers (Free Bass and Bass/Chord are mutually exclusive). For these high-quality sounds, Roland sampled traditional acoustic accordions to provide an instrument that can emulate various accordion types, complete with their specific tuning characteristics. And although it is an electronic instrument, the FR-3s/3 faithfully responds to bellows movements and pressure for authentic expressiveness. Stronger inward and outward movements create a richer, fuller sound, while lighter movements make the sound softer and quieter. There's even a unique bellows resistance regulator that can be set to match the player's strength or preference. Increasing or decreasing the bellows resistance is a matter of selecting one of four positions using a conveniently located wheel.

Educational functions

The FR-3s/3 is ideal for students. And not just because it is the "smallest" accordion in the world to provide a Free Bass mode, but also because it boasts an adjustable metronome. Thanks to the instrument's MIDI functionality, students can even record their performance on their computer. Practising has never been easier or more efficient!

Orchestral sounds

The V-Accordion includes 10 orchestral sounds (including Trombone, Trumpet, Sax, Clarinet, Flute, Violin, etc.) that can be used together with the traditional accordion sounds in one of four selectable modes.

LED display and "interactive" Roland logo

The FR-3s/3 comes with a 3x7-segment LED for monitoring the current sound selections and setting a host of parameters. The illuminated Roland logo is interactive in that it changes color depending on the accordion Set and section (accordion or orchestra) you select. You can even choose your favorite color (from among 26 options), which may prove invaluable when you play in an accordion ensemble with several FR-3s/3 users.



Ins and Outs

The FR-3s/3 can be connected to various external devices (sequencer, arranger keyboards, etc.) using the onboard MIDI socket. Combined with a wireless system you connect to the external outputs, the FR-3s/3 can be used on the biggest stages while granting its player absolute freedom of movement. Both the FR-3s and the FR-3 also provide a headphone socket, while the FR-3s comes with a set of professional-quality neodymium speakers (hence the "s" in "FR-3s").



- The FR-3s/3 has a compartment for optional AA-type batteries (either one-way or rechargeable).



- The FR-3s is provided with an onboard digital amplifier and two speakers. The FR-3 doesn't have speakers and is therefore the lightest member of the V-Accordion family (but just as flexible as the FR-3).

FR-3s/-3 Specifications

■ **Keyboard** Right hand: Piano-type, 37 keys, velocity sensitive, Left hand: 120 bass buttons with velocity, Standard, Free Bass, Orchestral Bass, Orchestral Chord, Orchestral Free Bass ■ **Bellows** Real pneumatic detection of bellows pressure, high-resolution pressure sensor, bellows resistance regulator ■ **Sound source** Max polyphony: 64 voices, Wave ROM: 32 Mbytes Wave ROM ■ **Tones** 10 Accordion Sets, each one including: 12 Treble registers, 7 Bass registers, 7 Free Bass registers, 7 Orchestral Free Bass registers, 7 Orchestral Bass registers, 7 Orchestral Chord registers, 10 Orchestral sounds, Treble reed footages: 4, Bass reed footages: 5, Chord reed footages: 3, Free Bass footages: 2 ■ **PBM (Physical Behaviour 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, Reed waveform switching: By bellows acceleration, By note repetition speed ■ **Musette tuning** Micro tuning presets: 16: Off, Dry, Classic, F-Folk, American L/H, North Europe, German L/H, D-Folk L/H, Alpine, Italian L/H, French, Scottish ■ **Effects** Reverb: 8 types, Chorus:

8 types, "Cassotto" and "Sordina" simulation: Yes ■ **Panel controls** Knob controls: Volume, Treble/Bass balance, Reverb, Chorus ■ **Panel Switches** Treble Registers: 10 + Orchestra + Set, Bass Registers: 7, Metronome: On, Off, Other switches: Sordina Mellow/Bright, Power ■ **Operation Modes** Orchestra Mode: Solo, Dual, High, Low, Octave: Down, 0, Up for Treble and Orchestra ■ **Speakers (Only FR-3s)** 2 x 10cm speakers ■ **Other** Onboard connectors: Headphones Jack (Stereo), Output Jack: L/Mono(Treble), R/Mono(Bass), MIDI connector OUT/IN switchable, Power supply: External AC adapter (100V-240V universal), Battery (optional): AA type battery ■ **Dimensions** 483 (W) x 258.4 (D) x 428.13 (H) mm, 19-1/16 (W) x 10-3/16 (D) x 16-7/8 (H) inches ■ **Weight** FR-3: 7.1 kg, 15 lbs 11 oz (without straps and without optional battery), FR-3s: 8.1 kg, 17 lbs 14 oz (without straps and without optional battery) ■ **Supplied accessories** External AC adapter, Owner's manual, Accordion cloth, Straps, Bass reference caps

* The specifications are subject to change without notice.