

# FR-3xb: V-Accordion®

## Music in Expansion in Compact Dimension

---

### Keyboard Bass & Bellows

#### Right hand

92 buttons, velocity sensitive

#### Left hand

120 velocity-sensitive bass buttons

#### Treble modes

C Griff Europe, C Griff 2, B Griff Bajan, B Griff Fin, D Griff 1, D Griff 2  
Modes: Standard, Free Bass, Orch.Bass, Orch.Chord, Orch. Free Bass  
Free Bass modes: Minor 3rd, Bajan, Fifth, N. Europe, Finnish

#### Bellows

New sensor for the detection of bellows pressure (high-resolution pressure sensor), Bellows resistance regulator: wheel with fine adjustment

### Sound Source

#### Tones

21 accordion Set + 4 User Set, each including: 14 Treble registers, 7 Bass registers, 7 Free Bass registers, 7 Orchestra Bass registers, 7 Orchestra Chord registers, 7 Orchestra Free Bass registers, 10 orchestral sounds, 10 organ sounds

#### Treble reed footages

4

#### Bass reed footages

5

#### Chord reed footages

3

#### Free Bass footages

2

#### Wave ROM

64MB of waveforms (8+8MB expansion sounds)

#### Max polyphony

128 voices

#### Orchestral Sounds

10: Trombone, Trumpet, T Sax, A Sax, Clarinet, Harmonica, Violin, Flute, El. PianoOrg, Strings

#### Orchestral Bass Sounds

7: Acoustic, Bowed, Fingered, Fretless, Picked, Tuba, Tuba Mix

#### Orchestral Free Bass Sounds

7: Trombone, Clarinet, Oboe, Flute, Perc. Organ, Ac. Guitar, Ac. Piano

#### Orchestral Chord Sounds

7: Trombone, Clarinet, Oboe, Flute, Perc. Organ, Ac. Guitar, Ac. Piano

#### Organ Sounds

10: Perc Jazz, Jazz Ballad, Distort Organ, Full Organ, Overdr Organ, Popular Organ, Light Jazz, Bossa, Latin, Light Latin

## **PBM (Physical Behaviour Modelling)**

### **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 sound wave 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, Rotary (Slow/Fast) for organ sounds, "Cassotto" and "Sordina" simulation

### **Panel controls**

#### **Knobs**

VOL, Treble/Bass BAL, Reverb, Chorus Panel Switches: 10 Treble registers + Set, 7 Bass registers, USER PROGRAM button, ORGAN/ORCHESTRA, SORDINA switch, POWER switch

### **Operation modes**

#### **ORCHESTRA/ORGAN modes**

Solo, Dual, High, Low

#### **Wave/MP3 player**

Play/Pause, Stop/Reset

#### **Bass to Treble**

On/Off

#### **Bass**

On/Off

#### **Octave**

Down, 0, Up (for Treble and Orchestra) 10 User Program memories

### **Others**

#### **Display**

LED, 3 x 7 segments

#### **Rated power output**

2 x 11W RMS

#### **Speakers**

2 x 10cm speakers (neodymium transducer magnets)

#### **Power supply**

Batteries (AA-type rechargeable Ni-MH x 10), Supplied PSB-7U adaptor: AC117V, 220V, 230V, 240V

### **Onboard Connectors**

OUTPUT sockets (L/Mono, R/Mono), PHONES socket USB memory port, MIDI OUT/IN socket (function adjustable via MIDI parameter), DC IN socket: for supplied Roland PSB-7U adaptor

### **Supplied accessories**

External AC adapter, Owner's Manual, Reference caps for the bass buttons, Reference caps for the treble buttons (FR-3x button type), Accordion cloth, Straps, Battery holder (pre-installed in compartment)

### **Options**

Accordion soft bag

### **Size and Weight**

#### **Width**

470 mm  
18-9/16 inches

#### **Depth**

240 mm  
9-1/2 inches

#### **Height**

390 mm  
15-3/8 inches

#### **Weight**

8.0 kg  
17 lbs. 11 oz.

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