

Keyboard, Bass & Bellows

- **Right Hand:** 37 Keys (With Velocity Sensitivity)
- **Left Hand:** 120 Bass Buttons (With Velocity Sensitivity)
- **Bass & Chord Mode (Left-Hand Keyboard Note Layout):**
 - 2 Bass Rows
 - 3 Bass Rows A-7th
 - 3 Bass Rows A-5dim
 - 3 Bass Rows B-7th
 - 3 Bass Rows B-5dim
 - 3 Bass Rows Bx-7th
 - 3 Bass Rows Belgium
- **Free Bass Mode (Left-Hand Keyboard Note Layout):**
 - Minor 3rd
 - Bajan
 - Fifth
 - North Europe
 - Finnish
- **Bellows:** High-Resolution Pressure Sensor for the Detection of Bellows Pressure
- **Bellows Resistance Regulator:** Wheel with Fine Adjustment
- **Bellows Curve:**
 - Fixed Low
 - Fixed Med
 - Fixed High
 - X-Light
 - Light
 - Standard
 - Heavy
 - X-Heavy
 - Close
 - Open
 - Tango

- Traditional
- Jazz
- Classic
- Dynamic1
- Dynamic2

Sound Source

- **Max Polyphony:** 128 Voices
- **Tones:** 100 Accordion Sets
- **Each Accordion Set Includes (Number of Sounds that can be Assigned to the Register Buttons):**
 - **Right Hand Registers:** 14 Accordion Registers, 14 Orchestra Registers, 14 Organ Registers
 - **Left Hand Registers:** 7 Bass & Chord Registers, 7 Free Bass Registers, 7 Orchestra Bass Registers, 7 Orchestra Chord Registers, 7 Orchestra Free Bass Registers
- **Reed Footages:** 7 Treble, 5 Bass, 3 Chord, 2 Free Bass
- **Orchestral Sounds:** 162

** Orchestral sounds can also be used with orchestral bass sounds, orchestral chord sounds, and orchestral free bass sounds.*

- **Organ Sounds (Virtual Tone Wheel):**
 - 32 Pre-sets for Treble
 - Orchestra Chord and Orchestra Free Bass Sections
 - 16 Pre-sets for Orchestra Bass Section
- **Drum Sets:** 3
- **User Programs (98):** 7 User Program Bank x 14 Registers

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
- **Switching Reed Sound Wave:** By Bellows Acceleration, by Note Repetition Speed
- **Bellows Opening/Closing Sound Change:** By Bellows Opening/Closing Detection

Musette Tuning

- **Micro-Tuning Pre-sets (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:** 8 Types

** Includes delay type.*

- **Chorus:** 8 Types

** Includes delay type.*

- **Rotary for Organ Sound:** Slow/Fast
- **gCassottoh Simulation:** Yes
- **4 Band EQ for Internal Speakers:** Yes

Panel Controls

- **Knob controls & Registers:**
 - Volume
 - Balance

- Reverb
- Chorus
- Right Hand Register Buttons 7 x 2

** Use the A/B button to switch between sounds assigned to the register buttons.*

- **Left Hand Register Buttons: 7**
- **Navigation Switches:**
 - Menu/Write
 - Exit/No
 - Enter/Yes
 - Cursor </>
 - Value -/+ (Set Down/Up)
- **Other Switches:**
 - **Right Hand Parts Switches:** Accordion, Orchestra, Organ
 - **Left Hand Parts Switches:** Drums
 - Orch Bass
 - Orch Chrd/F.Bass
 - F.Bass
 - Bass&Chrd
 - User Program
 - Song List
 - Play/Pause
 - Rec
 - Power
- **Additional Switches:** 6 User Assignable Function Switches on Last Row of Bass Buttons

Operation Mode

- **Right Hand Keyboard Mode:** Layer(Zone), High, Low
- **Octave Shift:** -3, 0, +3 for Orchestra

**This setting can be saved individually for each set.*

- **Right Hand:** -1, 0, +1 for Treble, Orchestra, Organ

**This setting can be saved individually for each user program.*

- **Orchestra Chord Guitar Mode:** Gtr Table1, Gtr Table2, Gtr Table3

- **Sound Edit:** Yes

** The dedicated editor allows full editing.*

- **Bass to Treble:** Yes
- **Part Mute:**
 - Accordion
 - Orchestra
 - 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 Rows
 - Chord/Orchestra Chord Rows
- **Audio Player and Audio REC:**
 - MP3/WAV File Playback from a USB Flash Drive
 - WAV File Recording to a USB Flash Drive
- **Speakers On/Off:** Yes
- **Left-Hand Button Keyboard Layer:** Yes

Other

- **Display:** Custom LCD (8 Characters + 16 Segments x 4)
- **Rated Power Output:** 2 x 11 W
- **Speakers:** 2 x 10 cm, 1 x Tweeter
- **Wave Expansion:** 4 Internal Areas (8 MB Each) to Load New Sounds

** When shipped from the factory, sounds are pre-installed in two areas.*

- **Power Supply:** AC Adaptor, Batteries (AA Type Rechargeable Ni-MH x 10)

** Expected battery life under continuous use: 5 hours' speaker ON mode, 9 hours' speaker OFF mode*

- **Current Draw:** 2000 mA
- **On-board Connectors:**
 - **OUTPUT Jacks L/Mono (Treble), R/Mono (Bass):** 1/4h Phone Type

- **PHONES Jack:** Stereo 1/4h Phone Type
- **INPUT Jack:** Stereo Miniature Phone Type
- MIDI (IN or OUT) Connectors
- USB MEMORY Port
- USB COMPUTER Port (USB Hi-Speed MIDI Support)
- DC IN jack

**Use a USB cable and a USB port on your computer that supports Hi-Speed USB.*

- **Dimensions (W x D x H):**
 - 481 x 270 x 430 mm
 - 18-15/16 x 10-11/16 x 16-15/16 inches
- **Weight (Without Straps and Batteries):**
 - 8.9 kg
 - 19 lbs
 - 10 oz
- **Accessories:**
 - AC Adaptor
 - Power Cord (for Connecting the AC Adaptor)
 - Owner's Manual
 - Reference Caps for the Bass Buttons
 - Straps
 - Accordion Cover
 - Attachment Strip
- **Optional Accessories (Sold Separately):**
 - USB Flash memory
 - Soft case for accordion (BAG-FR-3)
 - Headphones
 - MIDI foot controller (FC-300)