Keyboard, Bass & Bellows

- **Right Hand:** 92 Buttons (With Velocity Sensitivity)
- **Left Hand:** 120 Bass Buttons (With Velocity Sensitivity)
- **Treble Mode (Right-Hand Keyboard Note Layout):**
    - C Griff Europe
    - C Griff 2
    - B Griff Bajan
    - C Griff Fin
    - D Griff 1
    - D Griff 2
- **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 (Accordion Set):** 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

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

PBM (Physical Behavior Modeling)

- **Noises:**
    - o Stopping-Reed Growl
    - o Closing Valve Noise
    - o Left Button Noise

- **Individual Reed Simulation:**
    - o Hysteresis Threshold
    - o Expression Curve
    - o Pressure-Variant Filter
    - o 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):**
    - o Off
    - o Dry
    - o Classic
    - o F-Folk
    - o American L/H
    - o North Europe
    - o German L/H
    - o D-Folk L/H
    - o Alpine
    - o Italian L/H
    - o French
    - o 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
- **Onboard 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)

- o 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):**
  - o 470 x 240 x 390 mm
  - o 18-9/16 x 9-1/2 x 15-3/8 inches
- **Weight (Without Straps and Batteries):**
  - o 8.6 kg
  - o 19 lbs
- **Accessories:**
  - o AC Adaptor
  - o Power Cord (for Connecting the AC Adaptor)
  - o Owner's Manual
  - o Reference Caps for Right-Hand Button Keyboard
  - o Reference Caps for the Bass Buttons
  - o Straps
  - o Accordion Cover
  - o Attachment Strip
- **Optional Accessories (Sold Separately):**
  - o USB Flash Memory
  - o Soft Case for Accordion (BAG-FR-3)
  - o Headphones
  - o MIDI Foot Controller (FC-300)