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2013 New FEURICH Silencer Information

1. New FEURICH Silencer Composition

1) Control Unit - **New**
2) Main Unit – **New**
3) I/O module – **New** (Option)
4) Key Sensor Rail – **New**
5) Pedal Sensors – **New**
6) Mute Bar & Lever
7) Headphones and Accessories

Main Unit

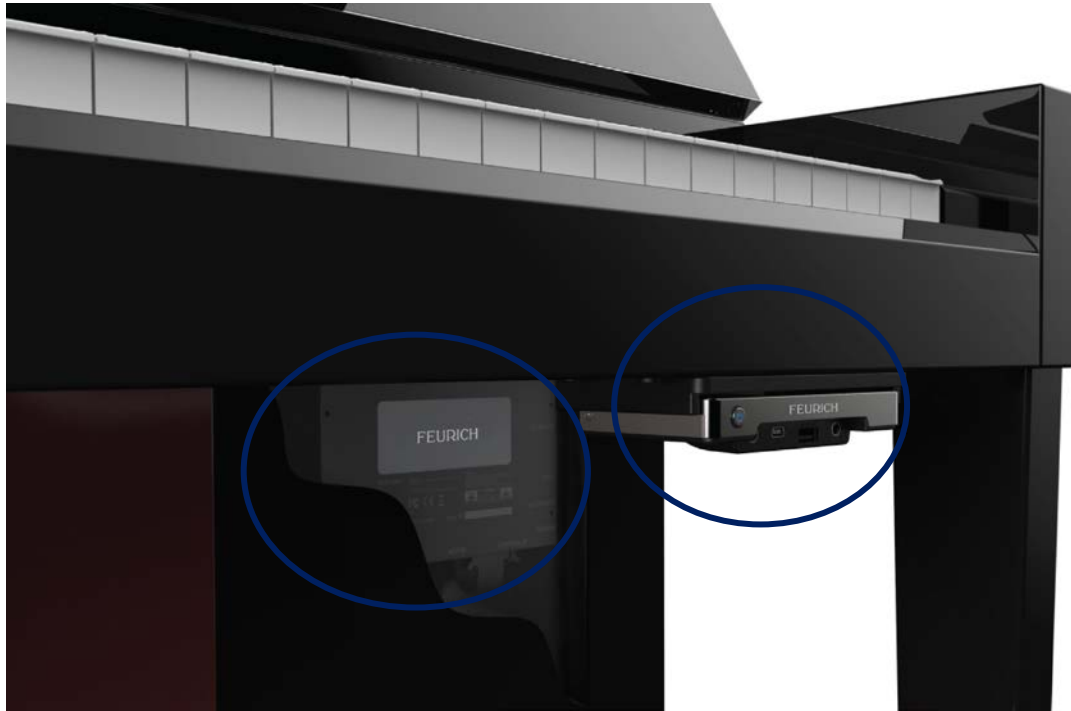**FEURICH Premium (for Upright & Grand)**   **Control Unit**   **FEURICH Basic (for Upright)**

Control Unit (Bottom View)

MIDI I/O Module(Option)

2. Installation of Main Unit & Control Unit

3. Why do I need FEURICH Silencer System?

1) Interlayer Noise Resolution

Our specially designed "**Real Touch Silencer System**" enables your pianos to be completely silent in it's acoustic sound, thus reproducing an original FEURICH Piano sound through provided headphones.
This enables you to enjoy playing your piano not only at late hours, but also in any environment that might compromise your music dedication!

2) Various Functions of FEURICH Premium Silencer System

Moreover, you would be so happy with various functions provided by the FEURICH Premium Silencer System for your FUN!

1) Sound Selecting and Editing with 17 Presets + 16 Usersets + 128 GM Sounds
2) Metronome – Tempo, Beat, Volume
3) Effect – Reverb, Chorus, Transpose, Pitch, Velocity Curve.
4) 4 Tracks Recoring and Playing – using USB Memory is also available
5) 80 Demonstration Songs
6) Piano Education and Practice with 218 Songs
7) Built In MIDI Interface.
8) Connecting to External Audio Equipment and other General MIDI devices.

Hence, you are able to have **your own orchestra** with various editing and playing, using amplified speakers.

SEIT 1851

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4. What's New and Different?

1) **Control Unit** - Separated from the Main Unit
  Feature : Slim & Small : Control Unit - 121 x 18 x 67 mm (W x H x D)
  Sliding - "Push Latch" type
  Touch Button - Illumination Button Type
  Modern Design
  Effect : Minimum exposure, weight lightening & modern atmosphere
  Functionality, Safety, Convenience, Visibility
  Serviceability by easy operation

2) **Main Unit** - Separated from the Control Unit
  Feature : Installation inside the Piano
  Simple organization and arrangement of the Cables
  Effect : Safe keeping the important section
  Clean keeping from outside environment

3) **MIDI I/O Module** (Option)
  Feature : Separated from Control/Main Unit
  Effect : For professional MIDI users
   - Easing the burden of finance and usage for un-user

4) Improvement of **Q Key Sensor**'s degree of precession
  Feature : Extremely fastr scanning
  Effect : Improve expressiveness, Strong reaction of repeated note playing
  Reduce the latency

5) Improved **Key Touch Reaction**
  Feature : Upright Piano's Trill Play is possible by the System Menu control.
  Effect : Grand Piano Trill reaction from Upright Piano

6) Improved **PCB**
  Feature : 4 layer PCB.
  Effect : Reduce "White Noise" and size miniaturization

7) Upgraded **Pedal Sensors**
  Feature : New Linear Optical Sensor
  Effect : Half pedal function available
  (The current soundboard cannot back up this function.
   So, we are developing new soundboard now for future FEURICH project)

8) **Built-In Clock** (for Premium Line, Option : Battery Case for unplugged using)
  Feature : Memorizing the Recording Date and Time
  Effect : Easy Access and sorting of the recording songs

9) **USB Port**
  Feature : Connecting to USB Stick / Computer
  Effect : Compatibility with external memory/device

10) **MIDI Interface**
  Feature : Built-In MIDI Interface
  Effect : No Need to have external MIDI Interface

11) **USB Host** (for Premium Line)
  Feature : Connecting to USB Stick
  Effect : Using big storage space for recording and playback

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5. New FEURICH Silencer Specification

Item		Description	
		FEURICH Basic	FEURICH Premium
Silent Mechanism		Universal Mute Rail by Manual Lever	
Sensor Keyboard		Reflector Type Photo Sensor System	
Velocity		127 Level	
Touch Response		5 Curves	
Sensitivity of each Keys		Individual Adjustment Range from 000 to 256	
Sensor Pedal		Sustain, Soft (Grand : + Sostenuto)	
Sounds		17 Pre-Set, 128 GM Sounds	17 Pre-Set + 16 User-Set, 128 GM Sounds
Sounds Memory		384 Mb	
Polyphony		128 Poly	
Transpose		+-24 Semitone	
Effect	Reverb Type	8	
	Reverb Depth	000 ~ 127	
	Chorus Type	8	
	Chorus Depth	000 ~ 127	
Pitch	Default	440 Hz	
	Variation Range	438 ~ 445 Hz (1 Hz)	
Metro nome	Tempo	25 ~ 250	
	Beat	21 Type	
	Volume	0 ~ 9	
Demonstration Song		10 Songs	80 Songs (Sonatina 1,2,3),
			Download more from Website in the future.
Record and Playback		2 Tracks (Approx. 40,000 Notes Each)	4 Tracks (Approx. 40,000 Notes Each)
Display		3 Digit Numeric LED	128 x 64 LCD Display
Headphone Jack		1/8" x 2 Jacks	
USB MIDI INTERFACE		Built in MIDI INTERFACE (Connecting to Computer)	
USB Host		N/A	Connecting to USB Memory
MIDI Port		Input / Out / Thru (Extra Option : MIDI I/O Module)	
Audio		In/Out (Stereo)	
Power Supply x 2 (Control & Nain Unit)		Input : AC 100 ~ 240V, Output : DC 12V, 1~3A	
		(Connect to just 'ONE' DC Jack from Control OR Main Unit)	
Dimension of Control Unit		121 x 18 x 67 mm (W x H x D)	
Education Mode		N/A	216 Songs
			Download more from Website in the future.
			(Bayer 106 + Czerny 30 + Sonatina 80)
Grand Piano Installation		N/A	Available
Remark			

* FEURICH Premium for Grand Piano : Sustain, Sostenuto and Soft Pedal sensors
* Above specifications are subject to change without notice.

2013, Mar. 19.