

# Petrus Ypma Silent System – User manual

## Introduction

With silent practice mode, you can simply plug in your headphones, switch the lever, and play your piano without disturbing anyone. And with two headphone jacks, you can conveniently include a listener or play a duet.

When the Silent mode is turned on, the hammerheads are intercepted before they can touch the piano strings. Then, when you press the keys, optical sensors detect the hammer movement to generate sounds that you can listen to through headphones. Additionally, you can use the digital piano with MIDI-compatible devices. Even in silent mode, the piano still feels and plays traditionally for a consistent experience.

## Features

The Petrus Ypma Silent System provides intelligent teaching, intelligent accompaniment, and access to various piano learning applications through Bluetooth.

With 129 built-in sounds, you'll enjoy the rich sound of a Schimmel acoustic piano, and a wide array of instruments, such as harpsichord, organ, flute, saxophone, electric guitar, and many more. Plus, you can choose from 7 different reverb effects to recreate the acoustics of a recital room to a concert hall.

The built-in metronome adds to the learning experience, while the Intelligent Interactive Connection function allows for connection through the USB-MIDI connector to applications such as GarageBand, Piano Adventures Player, and others.

## Controls

### Right Side

- ① Power button: Turns the system on and off.

### Front Panel

- ① Record button: Starts and stops the recording of your playing.
- ② Play button: Plays back the recording you have made.
- ③ Set button: Selects function. A short press will make options appear on the display screen, such as the current function and specifications. Another short press of this button switches to the next function. For more information, refer to the function list.
- ④ Volume Control Knob: Turning this knob will adjust the output sound level. Pressing it turns the Volume Control Knob into a function selector. Tapping the knob enables the metronome function.

## Left Side

- ① SD slot: Allows you to record your keyboard performances to a flash memory microSD card.
- ② Stereo Headphone Jacks: To connect the included headphones. Please note: To prevent hearing loss, do not excessively increase the volume when using headphones.

## Back Panel

- ① USB-MIDI: Connects your Petrus Ypma Silent System to your computer for use with applications such as GarageBand, Piano Adventures Player, and others.
- ② PEDAL: Pedal sensor cable interface.
- ③ AUTO PLAY: Jack for Auto Play System.
- ④ KEY SENSOR: Jack for data cable of keyboard sensor.
- ⑤ DC 12V: Input for the included power supply.

## Silence Handle

Move this handle to turn on or off the Silence Function.

## Function list

To navigate through the 12 different settings, press the “**set**” button. To adjust any setting, press the set button for options.

The following are the menu settings in order of appearance as you rotate the dial.

**Timbre option:** 129 types to choose from (see the timbre chart).

**Preferred Timbre:** From the 129 types you can choose 10 as your preferred timbres.

**MetroSW:** Switch the Metronome on and off.

**MetroVOL:** Set the Metronome volume from 0 to 100.

**MetroTempo:** Set the Metronome Tempo from 30 to 240 BPM.

**Beat Type:** Set the meter for the metronome: 1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 3/8, 6/8, 9/8 and 12/8.

**Transpose:** You can transpose from -12 to +12 semitones.

**ReverbSW:** Switch the Reverb on and off.

**ReverbTP:** You can choose between Room1 (no reverb), Room2, Room3, Hall1, Hall2, Plate, Delay, and Pan delay.

**ReverbDP:** Set the reverb depth from 0 to 127 level.

**Auto chord:** Switch the auto chord on and off.

**Language:** Set the control box to either English or Chinese.

## Warranty Information

If your Petrus Ypma Silent System experiences performance issues within the warranty period of two years from the date of purchase, and the problems are not caused by human actions, you are entitled to three options: repair, replacement, or compensation for the faulty product.

To request warranty service, contact the dealer from whom you purchased the product, providing the product along with the warranty card.

Certain situations fall outside the scope of the warranty, including but not limited to:

1. Lack of the warranty card or expiration of the service validity period.
2. Damage that is caused by uncontrollable events like fires, floods, or lightning strikes.
3. Product damage due to improper use, maintenance, or storage, as outlined in the user manual.
4. Damage resulting from unauthorized disassembly and repair by service personnel.
5. Normal discoloration, wear, and tear during product usage.

In such cases, seek solutions from relevant responsible parties or opt for paid services. The warranty period is two years effective only after the warranty card is stamped by the dealer. Any alterations to the warranty card render it invalid.

For more detailed information please scan this QR code.

## Specifications

**Key Sensor:** Noncontact continuous detection optical infrared sensor, automatically self-adjusting based on environmental factors such as temperature and light, 10 layers of sampling.

**Pedal Sensors:** Damper pedal: continuous detection sensor Shift pedal: ON/OFF detection sensor.

**Mechanism:** Hammer shank stopper operated by silencing lever.

**Action:** Quick Escape mechanism

**Control Interface:** Pedal, Key Response

**Screen:** 0.96-inch OLED Monochrome

**Touch Level:** 127 levels, 512 sampling points, to recognize the playing velocity more precisely.

**Tone Generation:** High-quality samples recorded from Schimmel Konzert Acoustic Piano

**Piano Sound Capacity:** 8 Gbit

**Bluetooth:** Always on, complies with Bluetooth Low Energy MIDI Specification, connects to software on mobile devices.

**Recording/Storage:** Record your piano playing for playback via an integrated microSD-card slot or standard 16GB internal storage.

**Polyphony (max):** 189

**Recording:** Available, Support connection with software for recording and playback

**Data Interface:** USB-MIDI for connection to computers and mobile devices

**Reverb:** 7 types, Room 1 (none) Room2, Room3, Hall1, Hall2, Plate, Delay, Pan delay.

**Software Connection:** Available to connect with standard MIDI Protocol Software through Bluetooth and wired methods, Independently developed hand-type score software, with functions such as error correction, scoring, following, and appreciation.

**Tuning:** +0.6, Unit: cent, a1: 440 Hz

**Pedals:** Sustain, Soft, Sostenuto

**Sustaining Duration:** 13, c1≥6.5S

**Metronome:** Volume, type, and speed can be adjusted by pressing the Volume Control Knob or by pushing the Set button three times to enter the metronome settings. 10 kinds: 1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 3/8, 6/8, 9/8, 12/8

**Collection Timbre:** For convenience, 10 referred timbres can be preset from the 129 timbre types

**Instrument Timbres 129 Types: (chart)**

1 Grand Piano	42 Viola	83 Calliope Lead
2 Brite Piano	43 Cello	84 Chiff Lead
3 E-Grand	44 Contrabass	85 Charan Lead
4 Honky Tonk	45 Tremolo Strings	86 Voice Lead
5 E-Piano	46 Pizzicato Strings	87 Fifths Lead
6 E-Piano 2	47 Harp	88 Bass Lead
7 Harpsichord	48 Timpani	89 New Age
8 Clavichord	49 Strings	90 Warm Pad
9 Celesta	50 Strings 2	91 Poly Synth
10 Glockenspiel	51 Synth Strings	92 Choir Pad
11 Music Box	52 Synth Strings 2	93 Bowed Pad
12 Vibraphone	53 Choir Aah 61 French Horn	94 Metal Pad
13 Marimba	54 Voice Ooh	95 Halo Pad
14 Xylophone	55 Synth Voice	96 Sweep Pad
15 Tubular Bells	56 Orchestra Hit	97 FX Rain
16 Dulcimer	57 Trumpet	98 Soundtrack
17 Drawbar Organ	58 Trombone	99 Crystal
18 Perc Organ	59 Tuba	100 Atmosphere
19 Rock Organ	60 Muted Trumpet	101 Bright
20 Church Organ	61 French Horn	102 Goblins
21 Reed Organ	62 Brass	103 Echoes
22 Accordion	63 Synth Brass	104 Sci-Fi
23 Harmonica	64 Synth Brass 2	105 Sitar
24 Tango Accordion	65 Soprano Sax 2	106 Banjo
25 Nylon Guitar	66 Alto Sax	107 Shamisen
26 Steel Guitar	67 Tenor Sax	108 Koto
27 Jazz Guitar	68 Baritone Sax	109 Kalimba
28 Clean Guitar	69 Oboe	110 Bagpipe
29 Muted Guitar	70 English Horn	111 Fiddle
30 Overdrive Guitar	71 Bassoon	112 Shanai
31 Distortion Guitar	72 Clarinet	113 Tinklebell
32 Guitar Harmony	73 Piccolo	114 Agogo
33 Acoustic Bass	74 Flute	115 Steel Drums
34 Finger Bass	75 Recorder	116 Wood Block
35 Pick Bass	76 Pan Flute	117 Taiko Drum
36 Fretless Bass	77 Bottle	118 Melo Tom
37 Slap Bass	78 Shakuhachi	119 Synth Drum
38 Slap Bass 2	79 Whistle	120 Reverse Cymbal
39 Synth Bass	80 Ocarina	121 Fret Noise
40 Synth Bass 2	81 Square Lead	122 Breathe Noise
41 Violin	82 Saw Lead	123 Seashore

124 Tweet  
125 Telephone

126 Helicopter  
127 Applause

128 Gunshot  
129 Standard Drum Kit

**Headphone Jack:** Two

**Headphone:** Standard, Professional Headphones

**Transpose:** Available,  $\pm 12$  semitones

**System Languages:** Switchable from English to Chinese by pressing the Set button continuously 12 times to enter the language setting or by rotating the Volume Control Knob to choose the language

**Power Supply:** 12V1A

**Warning:**

For safety and licensing reasons it is not allowed to convert and/or modify this product as it could result in dangers, such as electric shocks, fire, short circuits, etc.

Do not leave packaging material unattended: this could become a dangerous toy for children.

Do not touch the device with wet hands.

Use the device in dry indoor areas only.

Do not immerse the device in water.

Do not open the device's case.

Only use the original provided power supply.

This product is largely maintenance-free. Maintenance, adaption, and repair works may only be performed by qualified technicians or a specialist workshop.

Never use this device with too high sound volume levels. This can lead to permanent hearing impairments. The louder the sound, the faster your hearing will be damaged. Should you lose your hearing or if you notice a ringing in your ear, you should visit a doctor as quickly as possible.

Remove headphones before leaving the instrument and hang them so the cord cannot cause someone to be tripped.

Should you have any questions that are not being answered in this User Guide, please contact your dealer.

At the time of printing all information contained in this manual is believed to be correct.

Pearl River Pianos reserves the right to change or modify these specifications without notice or obligation to update existing units.

Maintenance costs caused by misuse or damage are not covered by the manufacturer's warranty and any costs incurred must be borne by the product's owner.

Should this product not be repairable, or its operating life has expired for any other reason, please observe all local, state, and federal regulations that are related to the disposal of products containing lead, batteries, plastics, etc.

Clean the product with a soft, clean, dry, and lint-free cloth.

For the removal of heavy soiling, the cloth can be moistened (almost dry) with lukewarm water.

Do not use solvent-based cleaning products as the case could be damaged.

Please keep this User Guide in a safe place.