Demo Song list

1 (Concert Piano):	Un Sospiro/F.Liszt
2 (Jazz Piano):	Danny Boy/Irish Folk Song
3 (Ballad Piano):	Etude Op.2 No.1/A.Scriabin
4 (E. Piano1):	Jam Session/N. Nishi
5 (E. Piano2):	In Memory/M.Geisel
6 (Harpsichord):	Invention No.8/J.S.Bach
7 (P. Organ):	Toccata in D Minor/J.S.Bach
8 (E. Organ):	KORG Orignal

Troubleshooting

If you perceive any unexpected behavior from your Korg B1/B1SP Digital Piano, please see if this guide addresses your concern. If not, or if the problem persists, contact your nearest Korg distributor.

The Instrument turns off

The B1/B1SP is equipped with an automatic off feature; if the keyboard has not been touched for over 30 minutes, the instrument will turn itself off. To use the B1/B1SP, press the power button again to turn it on.

The Sound is interrupted

The instrument sounds in the B1/B1SP are created by recording individual samples made from the actual instruments, processing them, and combining them to achieve the desired sound. Depending on the detail and complexity of the sound, one, two, or even three samples may be combined to create each note. The number of samples used will affect the overall polyphony of the B1/B1SP. For example, the E. Piano 1 sound only uses one sample per note played, so the overall polyphony is 120. Most sounds use two samples perf note played, so the available polyphony is 60 notes. With complex and detailed sounds like Concert Piano and Ballad Piano, more samples are required to create an authentic sound, and the polyphony will top out at 40 notes. Even with only 10 fingers to play notes, the notes being held using the damper pedal will also consume polyphony. In extreme cases, this could result in the sound appearing to be interrupted as a sustained note drops out, etc.

The pitch or tone of the piano sounds incorrect in some key regions

The B1/B1SP's piano sounds replicate the sound of an actual piano as faithfully as possible. This means that in some regions of the keyboard, you may sense that the overtones seem stronger, or that the tone or pitch seems wrong. This reflects the acoustic nature of the original instrument being sampled, and is not a malfunction.

Specifications

Keyboard

NH Keyboard: 88 note (A0–C8)

Maximum polyphony

120 notes /60 notes/40 notes

Sounds

8 sounds

Connectors

PHONES (Headphone/Line Out), PEDAL

Amp output

9 W × 2

Speakers

Oval (10 cm x 5 cm) x 2

Power supply

DC 12 V

Power Consumption

3 W

Weight (excluding music stand)

B1:	11.8 kg / 26.01 lbs.
B1SP:	21 kg / 46.30 lbs.

Dimensions (W x D x H)

(including projections, but excluding music stand)

B1:	1312 × 336 × 117 mm / 51.65 × 13.23 × 4.61"
B1SP:	1312 × 336 × 750 mm / 51.65 × 13.23 × 29.53"

Included items

B1:	AC adapter (◇━◇), Music stand, Damper pedal
B1SP:	AC adapter (◇━◇), Music stand, Damper pedal, Stand (for use with B1SP only) with pedal unit

B1 options (sold separately)

Stand STB1, Pedal unit *PU-2

* PU-2 is connects to the PEDAL connector together with the supplied damper pedal

• Specifications and appearance are subject to change without notice for improvement.

> While holding down the METRONOME button, Press the POWER button to turn the B1/B1SP on and to enter the Partner mode. For details, download the "B1 Partner Mode Instructions" from the following website:
>
> http://www.korg.com/

Precautions

Location

Using the unit in the following locations can result in a malfunction.
• In direct sunlight
• Locations of extreme temperature or humidity
• Excessively dusty or dirty locations
• Locations of excessive vibration
• Close to magnetic fields

Power supply

Please connect the designated AC adapter to an AC outlet of the correct voltage. Do not connect it to an AC outlet of voltage other than that for which your unit is intended.

Interference with other electrical devices

Radios and televisions placed nearby may experience reception interference. Operate this unit at a suitable distance from radios and televisions.

Handling

To avoid breakage, do not apply excessive force to the switches or controls.

Care

If the exterior becomes dirty, wipe it with a clean, dry cloth. Do not use liquid cleaners such as benzene or thinner, or cleaning compounds or flammable polishes.

Keep this manual

After reading this manual, please keep it for later reference.

Keeping foreign matter out of your equipment

Never set any container with liquid in it near this equipment. If liquid gets into the equipment, it could cause a breakdown, fire, or electrical shock.
Be careful not to let metal objects get into the equipment. If something does slip into the equipment, unplug the AC adapter from the wall outlet. Then contact your nearest Korg dealer or the store where the equipment was purchased.

* All product names and company names are the trademarks or registered trademarks of their respective owners.
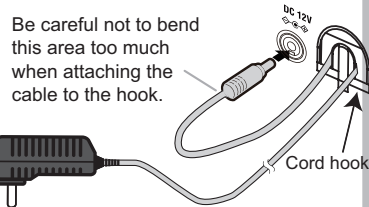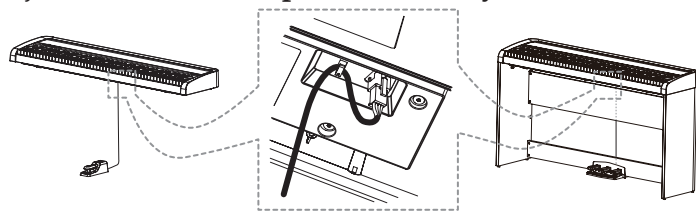
Getting Started

The B1SP includes a stand with pedal unit, for use only with the B1SP.
Follow the steps below after putting the stand together.

1 Insert the DC plug of the supplied AC adapter into the DC 12V jack on the rear panel of the instrument.

Loop the AC adapter cord around the cord hook to prevent the plug from being accidentally removed from the DC 12V jack. When un-hooking the cord from the hook, do not pull on the cord or use excessive force

Be careful not to bend this area too much when attaching the cable to the hook.

Cord hook

2. For the B1, connect the connector of the supplied damper pedal to the PEDAL jack on the bottom panel of the keyboard. For the B1SP, connect the connector of the stand's pedal unit to the PEDAL jack on the bottom panel of the keyboard.

3. Insert the supplied AC adapter into an AC outlet.

4. Turn the B1/B1SP Digital Piano on.
Press the Power button to turn the instrument on; the Power LED will light up. For now, leave the piano on.
When you are done playing, press the Power button again to turn the instrument off; the Power LED will go dark.
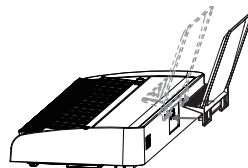
Power button

Power LED

5. Set the Volume level.
While playing, adjust the Volume to an appropriate level. The VOL-UME knob controls the output level of both the built-in speakers and the headphone jack.
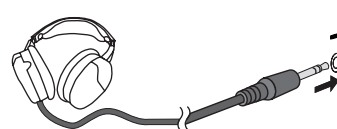
Softer   Louder

MIN   MAX

■ **Installing the Music Stand**
Slide the tab ends of the music stand into the mounting holes toward back of the instrument.
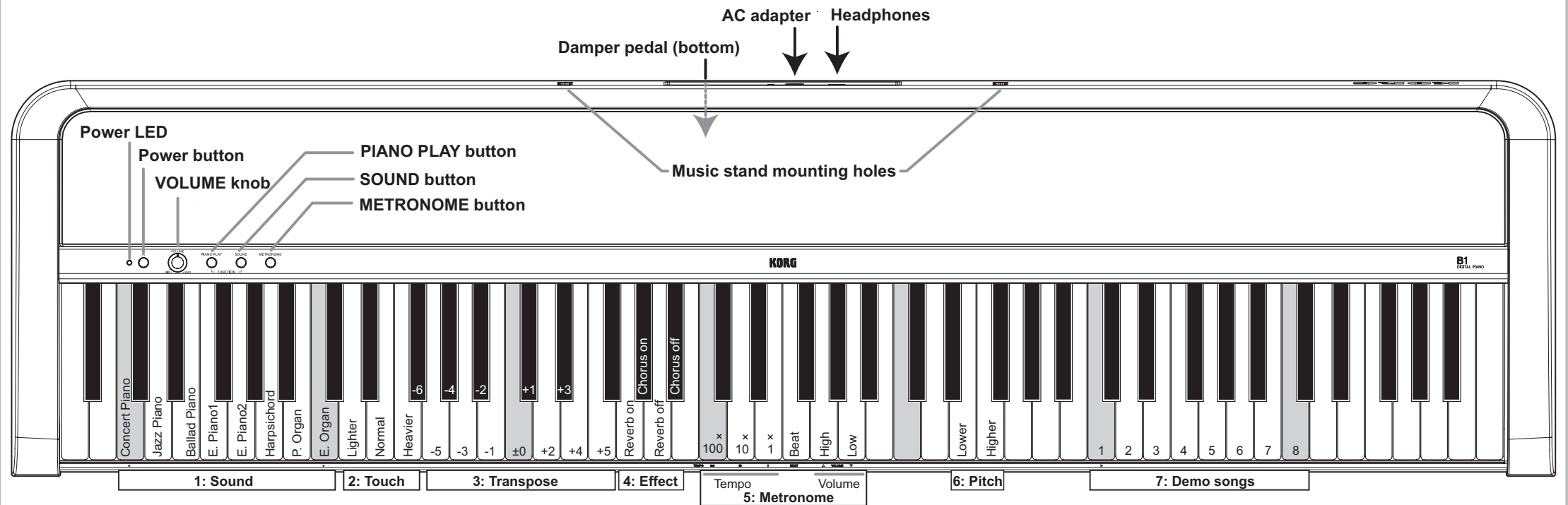
■ **Using the Headphone /Output Jack**
For private practice, plug your headphones into the PHONES jack located on the rear panel. Connecting the headphones will mute the internal speakers.

• This stereo 1/8" PHONES jack can also be used as an audio output to connect the B1/B1SP Digital Piano to powered speakers or other audio devices.

To protect your hearing, do not listen to loud, high-volume sounds for a long period of time through headphones.

Feature Guide

AC adapter   Headphones

Damper pedal (bottom)

Power LED
Power button
VOLUME knob

PIANO PLAY button
SOUND button
METRONOME button

Music stand mounting holes

KORG   B1

Concert Piano | Jazz Piano | Ballad Piano | E. Piano1 | E. Piano2 | Harpsichord | P. Organ | E. Organ | Lighter | Normal | Heavier | -6 | -4 | -2 | +1 | +3 | Reverb on | Chorus on | Chorus off

-5 | -3 | -1 | ±0 | +2 | +4 | +5 | Reverb off | ×100 | ×10 | ×1 | Beat | High | Low | Lower | Higher | 1 2 3 4 5 6 7 8

1: Sound   2: Touch   3: Transpose   4: Effect   Tempo   Volume   6: Pitch   7: Demo songs
5: Metronome

Selecting Sounds
The B1/B1SP provides 8 keyboard instrument sounds.
At power-up, the default sound is Concert Piano.

○ Press the SOUND button to cycle through the preset sounds. Each press will advance to the next sound, in the following order:

Concert Piano → Jazz Piano → Ballad Piano → E. Piano1 → E. Piano2 → Harpsichord → P. Organ → E. Organ
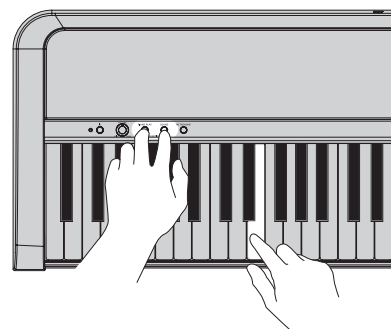
After E. Organ, the sound will return to Concert Piano and the cycle will repeat.

○ Press the PIANO PLAY button to return to the Concert Piano sound at any time.

○ Sounds can also be chosen directly as described in the Advanced Features.

Accessing Advanced Features
To access the Advanced Features, simply hold down both the PIANO PLAY and SOUND buttons while pressing the correct key on the keyboard to select the corresponding parameter. Use the large illustration above as a guide. These parameters are divided into 7 sections.

Do not attempt to play the piano while holding down the PIANO PLAY and SOUND buttons, or unintended changes may occur.

1: Choose a Sound
Each of the 8 preset sounds is assigned to a specific key, as shown above.

2: Adjust the Touch
The dynamic response of the keyboard can be adjusted to match the performer's playing technique. Players with a lighter touch can achieve a wider range of expression by choosing the Lighter setting. Player's with a heavy touch should select the Heavier setting.

The power-on default setting is Normal.

3: Transpose to any Key
The B1/B1SP can be easily transposed in semitone steps to play in any key. The range is up 5 semitones or down 6 semitones. Use ±0 (No Transposition) to turn the transpose feature off.

The power-on default setting is ±0.

4: Control the Reverb and Chorus Effects
Reverb and Chorus effects add ambience and motion to the sound. Each Preset sound has been created with the optimal effect settings, yet you can turn each effect on or off to suit your own taste.

5: Set the Metronome
The metronome provides the player with a rhythmic guide that is ideal for practice and performance. The METRONOME button on the top panel to turn the metronome on and off; the Advanced Features provide access to the Tempo, Beat (Time Signature), and Volume parameters.

Tempo
The Tempo (♩) can be set from 40 to 240 using the corresponding x100, x10, and x1 keys. Values outside this range will be ignored.

For Example: To set the Tempo to (♩) = 85, press the ×10 key eight times and the ×1 key five times; to set the Tempo to (♩) = 140, press the ×100 key once and the ×10 four times.

Releasing the PIANO PLAY and SOUND buttons applies the setting.

Beat (Time Signature)
The Beat function provides an accent on the first beat of the measure. Pressing the corresponding Beat key will advance through the Beat options in a cycle:
2/4 → 3/4 → 4/4 → 6/4 → None → 2/4 → ...

Volume
Pressing the Low key reduces the metronome volume; pressing the High key raises it. The metronome volume range can be set from 1 to 13.

The power-on default settings are Tempo (♩) = 120; Beat = None; Volume = 10.

6: Fine-Tune the Pitch
The power-on default setting is A4 = 440 Hz (Hertz). This value can be adjusted in 0.5 Hz steps down to 427.5 Hz or up to 452.5 Hz by repeatedly pressing the corresponding Higher or Lower keys. Simultaneously press the corresponding Higher and Lower keys to return to the default A4 = 440 Hz setting.

7: Play the Demo Songs
Each of the 8 demo songs uses one of the 8 preset sounds. Select a song using one of the 8 corresponding keys. The song will begin to play immediately. After the selected song has finished, the remaining songs will play, in order, and the whole cycle will repeat until stopped.

To stop the demo song playback, simultaneously press and release the PIANO PLAY and SOUND buttons.