
It's a Fact...

The Boss SP-505 is a compact, all-in-one sampling workstation that allows you to create complete groove-based music. Features include:

- 40 preset and 100 user patterns
- 64 onboard preset samples
- 4-part pattern sequencer with Quantize feature
- 8-simultaneous sample polyphony
- Advanced Variphase™ technology
- Coaxial/optical digital inputs
- 26 onboard digital effects with re-sampling
- Imports .WAV/AIFF files via SmartMedia cards

Playing the Preset Patterns

The SP-505 contains 40 preset patterns. Use the following procedure to select and play a pattern:

1. Press the PTN button.
2. Turn the VALUE dial to select a pattern.
3. Press PLAY.
4. Press STOP when you're finished.

Selecting the Internal Sounds

The SP-505 has 64 onboard sounds. Use the following procedure to select the internal sounds:

1. Press the PAD BANK button.
2. Turn the VALUE dial to select one of the four Preset banks displayed onscreen.
3. Press the ENTER button.
4. Play Pads 1-16 to hear the sounds in this bank.

Using the Chop Function

The Chop function cuts loops into "slices" and places each slice on its own pad. Use the following procedure to chop a sample:

1. Select User Bank 1 as described earlier.
2. Press the CHOP button.
3. Press PAD 5.
4. Press F1 EXECUTE to display "Keep Power On! Processing Data..."

Note: The chopped sample plays back automatically. Each pad lights up when its slice plays to show you where the slices have been assigned.

5. Play the pads.
6. Press F1 to save your slices in the "Chop Bank," or press F2 twice to return to the main screen without saving.

Using BPM Adjust

You can change the speed—or beats-per-minute (BPM)—of a sampled phrase without changing its pitch. (This is also called "time-stretch.") Use the following procedure to adjust a sample's BPM:

1. Press PAD 4.
2. Press BPM ADJUST.
3. Turn the VALUE dial to speed up or slow down the sample.
4. Press F1 to return to the original BPM.
5. Press EXIT to return to the main screen.

Using BPM Sync

The BPM SYNC feature automatically synchronizes the speed of multiple sampled phrases.

1. Press PADS 1, 2, 3, and 4 in any order.
2. Press BPM SYNC.

Note: All four samples are re-triggered and synchronized to the same tempo

3. Turn the VALUE dial to simultaneously adjust the tempo of all of the samples.
4. Press EXIT to stop.

Using the Pitch Function

Most phrase samplers can't play a single sample at different pitches—the SP-505 can. Use the following procedure to create the 12 tones of a scale from a single sample:

1. Press PAD BANK.
2. Turn the VALUE dial to select Preset Bank 4.
3. Press ENTER.
4. Press PITCH, then press PAD 10.
5. Turn the VALUE dial to select SOLO L for the Pitch Mode parameter.
6. Press F1 EXECUTE.
7. Press F1 YES to display "Keep Power On! Processing Data..."

Note: The sample is now laid out across the pads just like an octave of a keyboard. (Pads 1, 4, and 8 are inactive.) As the SP-505 is processing the data, each pad lights and plays when its pad becomes active.

8. Play the PADS.

Sampling

Use the following procedure to sample from a connected CD/MD player or microphone:

1. Connect a microphone—or the CD/MD player's outputs—to the appropriate SP-505 inputs (refer to Page 40 of the SP-505 Owner's Manual).
2. Press PAD BANK.
3. Turn the VALUE dial to select User Bank 2.
4. Press ENTER.
5. Press SAMPLING.

Note: Any pad that doesn't already play a sample flashes.

6. Press the desired flashing pad.
7. Press SOURCE SELECT repeatedly to select the desired type of input. Choose either MIC or LINE so it lights.
8. Speak into the microphone or start playback of the CD/MD player.
9. Turn the RECORD LEVEL knob to adjust the level of the incoming signal.

Note: For best results, set the RECORD LEVEL knob so that the third bar from the top of the displayed meter lights occasionally.

10. Press SAMPLING to begin recording.
11. Press SAMPLING again to stop recording.
12. Play the PAD to listen to your new sample.