
It's a Fact...

The SPD-20 Total Percussion Pad incorporates a massive all-new sound set along with new triggering options. Features include:

- 700 high-quality drum and percussion sounds, beat loops, vocal effects and sound effects
- 99 Programmable patches
- 8 velocity-sensitive rubber pads
- Built-in multi effects algorithms including reverb, delay, chorus, and flanger
- Four dual-trigger inputs for use with PD-5/7/9 pads as well as the new PD-100/120 V-Pads.
- The KD-7 kick drum trigger and FD-7 hi-hat foot controllers can also be used
- Inputs can also be triggered directly from acoustic drums without the need for an external preamp

Initializing

Use the following procedure to initialize the SPD-20 and restore the factory settings:

1. Power up while holding ALL/ENTER and the DOWN ARROW button.
2. Press ALL/ENTER.

Selecting Patches

Use the following procedure to select patches:

- 1) From the Play Mode, use the PATCH/VALUE buttons to select Patch 4. Play the pads.
- 2) Use the PATCH/VALUE buttons to try out the following patches:

1 Drums & Shaker	6 Brushes
2 Latin Set	7 Delay
3 Orchestral	8 Dance Chord
4 Groove	9 Indian
5 Amazon	10 Tex-Mex

Assigning a Sound to a Pad

Use the following procedure to assign one of the 700 sounds to a pad:

1. From the Play Mode, select a patch.
2. Press EDIT.
3. Strike the pad you wish to assign a sound.
4. Press LAYER so only Pad Bank A is blinking.
5. Press SELECT repeatedly to select the SOUND parameter group.

6. Use the UP and DOWN ARROW buttons to select INST.
7. Use the PATCH/VALUE buttons to select the instrument you wish to assign to the pad.
8. Press EDIT to return to Play Mode.

Layering Sounds

Each Patch includes two Pad Banks: A and B. By enabling the Layer Function, you can simultaneously play the sounds of both Pad Banks A and B. Most of the factory-preset patches use Layer. Use the following procedure to layer two sounds:

1. From the Play Mode, select a patch.
2. If both Pad Bank indicators are lit, press LAYER to turn Layer off (Bank indicator B will go out). Now play the pads to hear the Bank A sounds.
3. To hear the Bank B sounds, press the BANK A/B button and play the pads (the bank indicator will change to B).
4. To hear both A and B sounds layered together, press the LAYER button and play the pads (both bank indicators will light).

Connecting External Triggers

The SPD-20 is designed so that you can connect up to four external pads such as the Roland PD-5/7/9, PD-100/120 V-Pads, KD-7 Bass Drum Pad, FD-7 Hi-Hat Controller, or even acoustic drum triggers. Use the following procedure to specify the type of trigger being connected:

1. Connect the pad to one of the EXT INPUT jacks at the back of the unit.
2. Press EDIT to enter Edit Mode.
3. Press SELECT repeatedly to select System.
4. Use the DOWN ARROW to select Trig Type.
5. Strike the external pad and use the PATCH / VALUE (+ / -) buttons to select the pad type.

The following pad types are available: Roland pads (PD-5, PD-7, PD-9, PD-100, PD-120, KD-7), generic pads (P1, P2, K1, K2,) and acoustic drums (kik, snr, tom, flr).

Using a Footswitch

You can assign a footswitch such as the DP-2 or DP-6 to sustain a sound (such as a beat loop), or to step through patches. Use the following procedure to assign the pedal:

1. Plug the pedal into the FOOT SW jack on the rear panel of the SPD-20.
2. Depress and hold the pedal while turning the power on. The screen will display "Set Hold Pedal." The pedal will now act as a sustain pedal.
3. Repeat Step 2 to alternatively set the pedal to the Sustain or Patch Shift function.