

RP-SM304A Installation Instructions for the Korg BX-3 and CX-3 Organs

Your Parastream® RP-SM304A product comes with an adapter socket that allows it to fully seat into the high-profile sockets on some KLM-244 boards. Whether or not you need it is covered in the instructions that follow.

- ❑ Turn off the organ.
- ❑ Observe static handling precautions. Wear non-synthetic clothing, and/or use a grounded wrist strap.
- ❑ Carefully remove the bad SM304A IC from its socket on the KLM-244 PC board.
- ❑ Inspect the socket on the KLM-244 board. If it is a low-profile socket, or the height of the plastic side part is less than ¼ inch (6.5mm), skip the next step.
- ❑ Remove the RP-SM304A from its conductive foam, insert the adapter into the foam, and press the RP-SM304A firmly into the adapter.
- ❑ Insert the RP-SM304A into the vacant socket on the KLM-244 PC board. Make sure the large white tab on the RP-SM304A is pointing toward the back of the organ (pin 1). Seat the part firmly and fully into the socket. If you cannot get the part to seat firmly, go to the previous step.
- ❑ Sometimes a bad SM304A can cause the 10Ω resistor R64 on the KLM-244 PC board to burn. Inspect and replace if necessary. If it needs replacing, you will usually hear popping static sound in the organ's output.
- ❑ Power up the organ and test all of the keys for proper function.

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