

SYNTAUR

Replacement Keyboard Battery

Installation Instructions

Important: To install this battery, it must be soldered to a circuit board. Please understand that **if the battery gets too hot from the soldering process, it can explode**. It is recommended that you use some type of heat sink when performing this operation. If you are not comfortable with soldering, we recommend taking the battery to a service center for installation.

Please be aware also that when the old battery is removed, **all user data will be lost**, and the keyboard will revert back to its factory defaults. Before beginning this operation, make sure you have saved any internal sounds, presets, and sequencer data that you want to keep. (If your battery has already gone dead, you may have lost this data already.)

Step 1 Save any data you wish to keep, such as internal sound programs, presets, and sequencer data. These will be lost once the battery is removed.

Step 1 Unplug the power cord and all cables from the keyboard or rack. **DO NOT PROCEED** with the installation while the unit is plugged in.

Step 2 Open the keyboard or rack, and locate the battery. It will look like the replacement battery you have purchased, and will be soldered to a circuit board.

You have two options with Steps 3-5. The first column is easiest, as it probably does not require removal of the circuit board. The second column is the more "professional" method.

Step 3 The easiest procedure is to simply snip the leads of the old battery, leaving as much of the lead in place on the circuit board as possible.

Step 4 Position the new battery in place, **making sure that the polarity is correct**. Most circuit boards will be labeled for + and - leads.

Step 5 Place an alligator clip or some other metal clip to one of the new battery leads; this will act as a heat sink and protect the battery from getting too hot. Then, solder that battery lead to the old lead remaining on the circuit board; keep the soldering iron on the battery lead the least amount of time possible to make a good solder joint.

Step 3 Remove the circuit board containing the battery from the keyboard, and desolder the old battery. Place an alligator clip or other metal clip to each battery lead as it is desoldered; this will act as a heat sink and protect the battery from getting too hot.

Step 4 Position the new battery in the holes on the board, **making sure that the polarity is correct**. Most circuit boards will be labeled for + and - leads.

Step 5 Place the alligator clip on one of the battery leads. Solder that battery lead to the circuit board, keeping the soldering iron on the battery lead the least amount of time possible to make a good solder joint.

Step 6 Move the heat sink clip to the opposite lead, and repeat the soldering procedure.

Step 7 Close the keyboard back up.

Step 8 Power the keyboard up, and make sure that any "Low Battery" message no longer appears.

Step 9 Reload any sound, preset and sequencer data back into the keyboard.

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