

Q107A-CK Conversion Kit

Mar 24, 2018

This kit converts the dual-wide Q107 filter module into a Q107A single-wide filter module.

The kit includes the single-wide Q107A panel, knobs, a jumper, and instructions.

You'll need small flat-head and phillips screwdrivers, and pliers. Nutdrivers help. No soldering required.

Q107



Q107A



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Instructions - See pictures on following pages

Remove the Q107 module

Disconnect AC power then unscrew the 2 screws along the top of the module and 2 screws along the bottom of the module that mount the module to the cabinet. Pull the module out and remove the DC power cable. If there is a Q162 Filter Aid module, then remove it also, keeping the two modules attached.

Remove the knobs

Use a small flat-head screwdriver to remove each knob from its pot. There is a small set screw hidden in a hole on the side of each knob. Turn the knob for access to the set screw.

Remove the circuit board

Remove 4 tiny black screws from the front of the module using a phillips-head screwdriver. The circuit board will lift off. You can leave all the wires attached or remove them and replace according to the circuit board drawing.

Transfer the components

Remove the pots and the jacks from the Q107 panel. The large nuts for jacks and pots can be removed carefully with pliers, deep socket wrenches, or nutdrivers. 7/16" and 1/2". Be careful not to slip and scratch the panel. Apply masking tape to the panel for protection if desired. Mount the components on the Q107A panel - their locations will be obvious from the front panel markings.

Note: If your Q107 module has open-frame jacks, then you'll need to purchase and use SwitchCraft-style jacks for the bottom row of 3 outputs since the open-frame jacks are too wide. Part Number QP-C16. Quantity 3.

Attach the circuit board

Using the 4 small phillips head screws, attach the circuit board to the Q107A panel. Bundle the wires around and under the standoffs as needed for a tidy installation.

Attach jumper

Since the adjustable input level pot is not used on the Q107A, we provide a jumper to attach to its connector. This has the effect of the pot being 100%.

Attach knobs

Double-check that each pot nut is tight. Turn all the pots by hand to the full-counter-clockwise position. Select the correct knob for each pot according to the module image. Slide the knob on to the pot shaft and turn the knob so the dot aligns with the far counter-clockwise position. Use a small flat-head screwdriver to fasten the knob. Turn the knob to make sure the dot aligns at full-clockwise and full-counter-clockwise positions.

Install the module

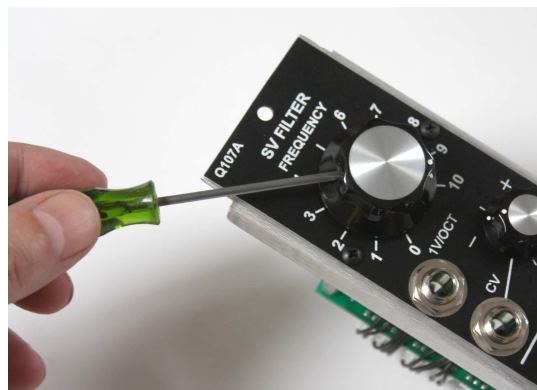
Double-check that everything is tight. With AC power removed from the system, attach the DC power cable to the Q107A module. There's a key that prevents the connector from being attached backwards. For detailed information about this, see the module installation video in the LEARN menu of the website.

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Kit components.



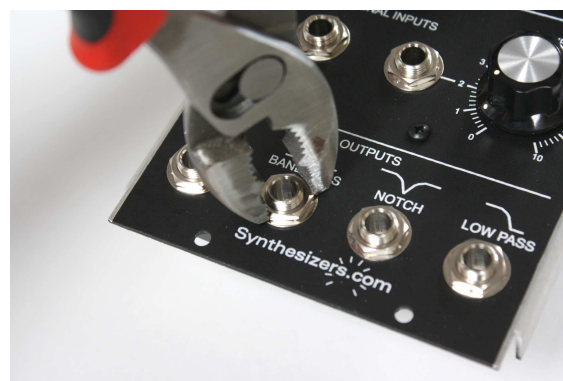
Knobs are removed and attached using a flat-head screwdriver on the knob's set-screw.



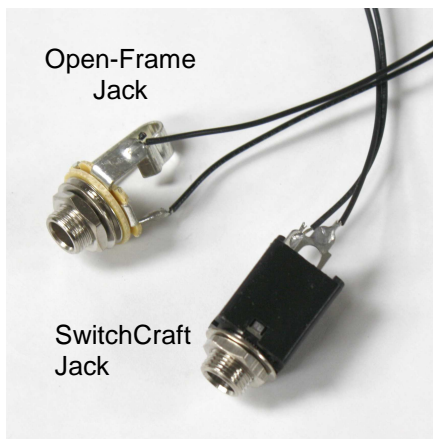
Four small phillips-head screws attach the circuit board to the front panel.



Use pliers or nutdrivers to remove the jacks and pots. Transfer them one-by-one to the Q107A panel.



If your Q107 module has open-frame jacks, then you'll need to purchase and use SwitchCraft-style jacks for the bottom row of 3 outputs since the open-frame jacks are too wide. Part #: QP-C16, quantity 3.

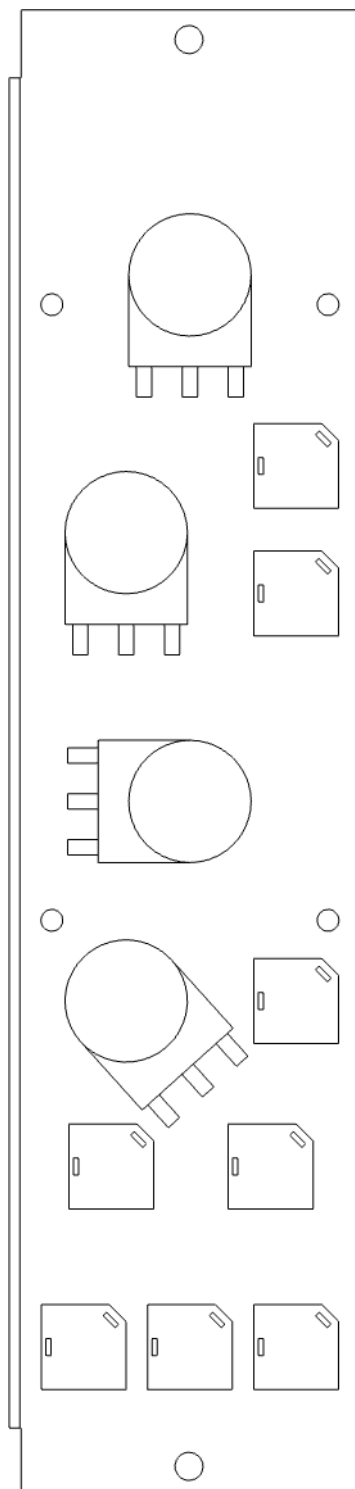


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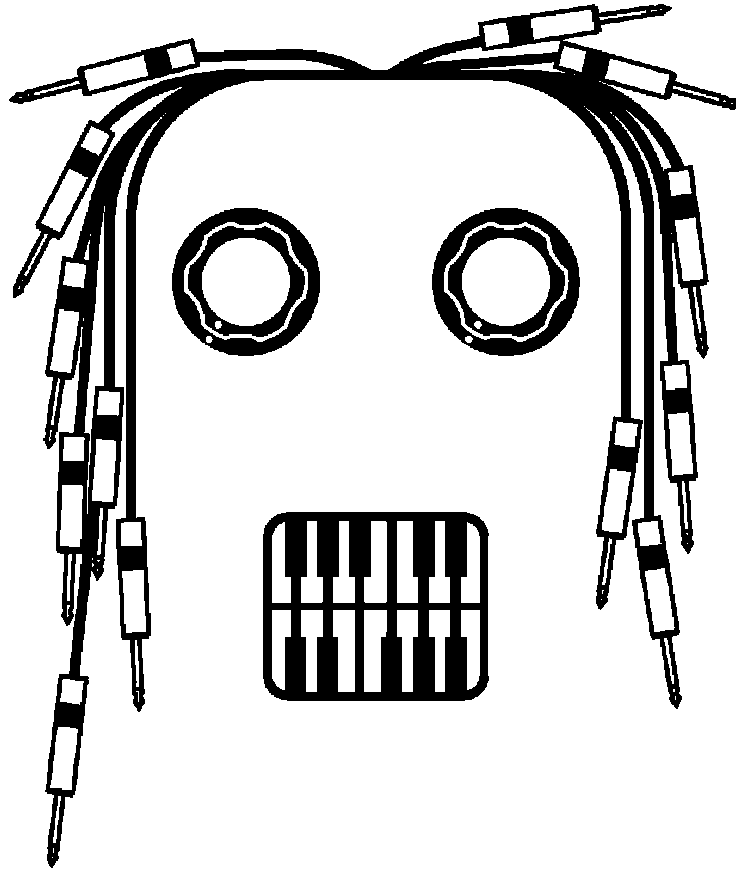
Q107A
back
view

Q107A Part Orientation

Use this drawing as a guide to orient the parts. Check that parts do not touch other nearby parts or the metal spacers as this can cause damage to the circuitry.



Patcher Jack



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