

Q124 Multiples

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The Q124 Multiples module provides the additional connection points that are sometimes necessary when one signal must control several different modules. Three groups of 4 jacks are available with 2 groups capable of being connected together creating an 8-jack group. Connectors are wired together, not mixed.

Specifications

Panel Size: Single width 2.125"w x 8.75"h.

Power: None.

Controls and Connections

Connectors

Three groups of 4 jacks – each connected together (not mixed).

Connect Switch

Connects the top group and middle group to form an 8-jack group.

Calibration and Testing

No calibration is required for this module.

1. Move the switch to the non-connect position (down).
2. Place a 1khz 10v PP signal into one of the jacks in a group.
3. Verify that the signal is present at the other jacks in the group.
4. Do this test on each of the 3 groups.
5. Verify that a signal applied to the top group is NOT present in the middle group.
6. Move the switch to the 'connect' position and verify that a signal applied to a jack in the top group IS present in the middle group.

Usage and Patch Tips

Use when a signal must be delivered to several different places. One example of use is to route the pitch signal from the keyboard controller to several oscillators and to route the gate signal to several envelope generators. In this case, use the top section for the pitch signal and turn on the 'connect' switch if you need to patch it to more than 3 other modules. Patch the gate into the bottom section then patch to envelope generators and sequencers.

Several Q124 modules can be patched together to construct a large multiple.

Do not connect more than one output signal to a section at a time. The Q124 can not be used to combine (mix) signals – use a mixer for that function.

