

THE ULTIMATE 48 WAY PATCH PANEL!



- ↳ Two rows of 24 type A Jacks in 1U of rack space
- ↳ New enclosed Jack design keeps out dust and dirt
- ↳ Jack, RCA phono or direct solder rear connections
- ↳ Half and full normalising available on all channels
- ↳ Suitable for balanced/unbalanced and stereo signals
- ↳ Lacing Bar Kit available for extra rear cable support
- ↳ Neat and easy slide-in strips for socket designation
- ↳ Suitable for insert points without special leads
- ↳ Gold contact versions also available
- ↳ PCB parallel points for every Jack



When we introduced the original Isopatch back in 1983, we knew that it would be popular, but we didn't know that it would remain a best seller for so long. The new Isopatch retains the design strengths of its predecessor, but now has 48 Jacks that are of a new, fully-enclosed design. The new Jack design helps to keep out the contaminants that shorten contact life, they also have a smart chromed ring which gives an improved 'feel' when plugging and unplugging as well as looking pretty cool!

The new Isopatch still has all sockets mounted on two horizontal printed circuit boards (PCBs), rather than vertical cards that can sometimes pop out in use. This type of construction makes the Isopatch very solid and gives full access to most of the circuitry including parallel points and the special 'program pads' for normalising. The use of flexible jumper cables between top and bottom PCBs means that the Isopatch can be opened up for servicing if needed. Unlike many patch panels, the Isopatch offers half or full normalising on every channel, by simply soldering across special 'program pads' on the top PCB - No special tools are needed and there's nothing to take apart. In fact, if the Isopatch is already installed, you don't even have to unplug the rear connectors.

The Isopatch can be used for most types of audio signal including mono, stereo, balanced and unbalanced lines. It can also be used for mixer insert points without the need for special 'splitter' leads. Standard rear connector options are Jack, RCA phono and direct solder, but we can supply a combination of these to special order and for more demanding applications, gold contact versions are also available. Add to this a very slick labelling system for designation of the front sockets and you can see why we call the new Isopatch the Ultimate patch panel.



Rear Jacks



Rear RCAs



Rear Solder

The NEW Signex ISOPATCH



Compatible with most types of audio signal

Signal Type	Tip	Ring	Sleeve		
Mono (Unbalanced)	Signal		Ground	3 Pole Jack	2 Pole Jack
Mono (Balanced)	+ (Hot)	- (Cold)	Ground		
Stereo (Unbalanced) *	Left	Right	Ground		
Digital (SPDIF)	Signal		Ground		
Digital (AES/EBU)	+ (Hot)	- (Cold)	Ground		

* Left and right channel wiring may be reversed. Stereo signals are normally wired to separate Jacks for greater flexibility.

Note: Screen is always ground

Specifications

Front sockets 1/4" type A Jack sockets

Rear termination CPJ48J 1/4" type A Jack sockets
 CPJ48P RCA phono sockets
 CPJ48T Direct solder terminations

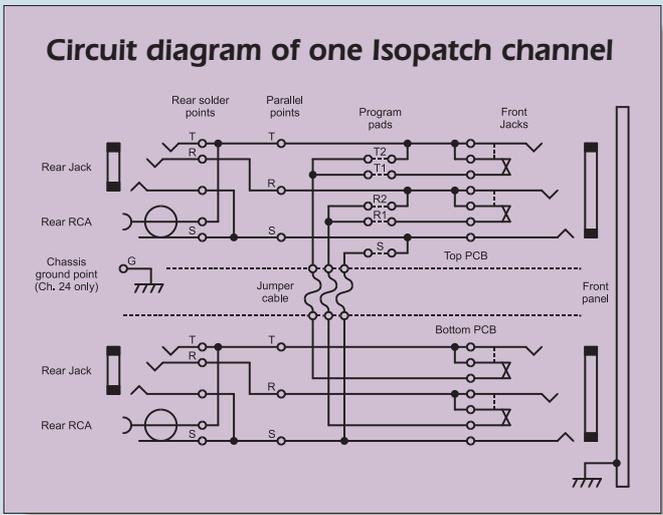
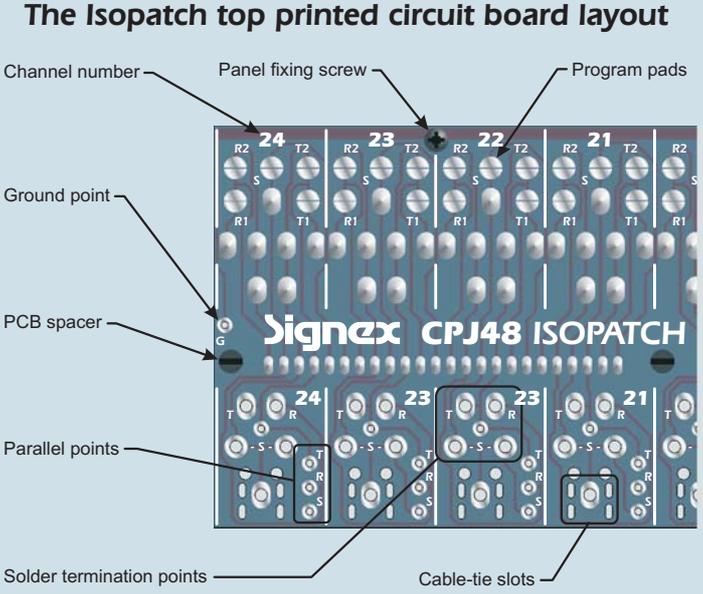
Normalising Half and Full normalising
 programmable on every channel

Switch contact resistance <30mΩ

Switch contact life >10,000 operations

Dimensions (mm) CPJ48J 483(W) x 45(H) x 81(D)
 CPJ48P 483(W) x 45(H) x 71(D)
 CPJ48T 483(W) x 45(H) x 70(D)
 Min. rack opening required: 442

Net weight CPJ48J 970g
 CPJ48P 890g
 CPJ48T 780g

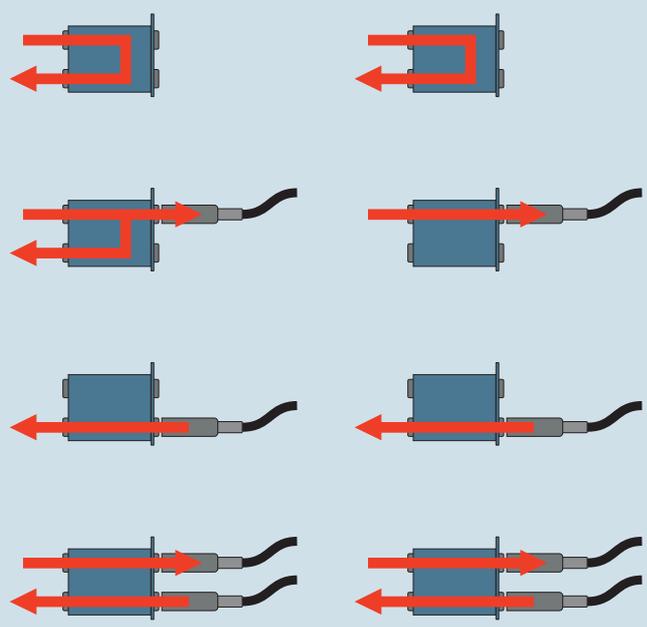


Easy normalising on every channel



Half normal

Full normal



Manufactured and distributed in the UK by:

