



Mark I Patching

- **Very highest standards of durability and longevity**
- **Modular or non-modular form**
- **Patch up to 12, 16 , 32 circuits**
- **V.24, X.21, V.35 interface support**
- **Patch cord contacts are gold plated**
- **'Normal-through' connection without the use of any switches, cords, or plugs**
- **Cross-patching is easily accomplished**

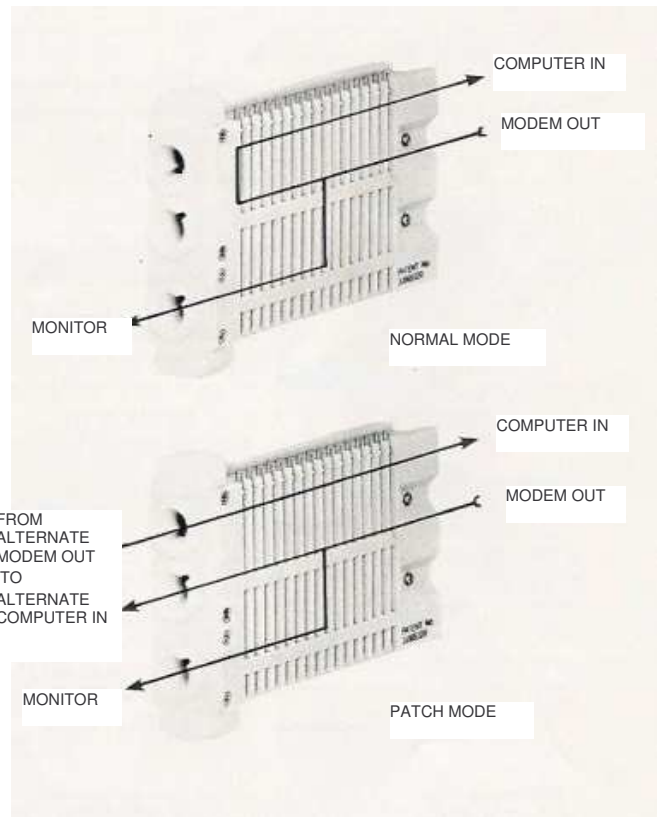
The Dynetcom Mark I patching products demonstrates the very highest standards of durability and longevity. These products are eminently suitable for the very harshest environments having typically been sold and installed to military communications departments around the world. Wherever there is a requirement for the very highest quality patching equipment Dynetcom's Mark I product is the correct solution. Using the unique round barrel patch jack the equipment is available in either modular or non-modular configurations. Several patching options are available, including basic patching, electrical interface monitoring, audible and visual alarming on carrier signal down.

The Dynapatch® concept incorporates all desirable patching features into the jack itself. With this, the Dynetcom Mark I patented DynaPatch® jack is specifically suited for digital patching, as it eliminates problems associated with attempts to insert and separate physical interface connectors whose pins are not designed to be repeatedly inserted and separated.

The Dynapatch® Mark I concept provides 'normal through' connections without the use of any switches, cords, or plugs. When a requirement for cross patching arises, such as for equipment substitution and the re-routing of traffic, the normal through connection needs to be broken. A patch cord is quickly and easily inserted in the appropriate jack where the entire computer port interface is brought through the patch cord to a second jack and applied directly to the modem.

Dynapatch® jacks and patch cords may be mated thousands of times without damage to contact surfaces.

The Dynapatch® jacks allow on-line bridging for monitor/test without circuit interruption.



Communication solutions from

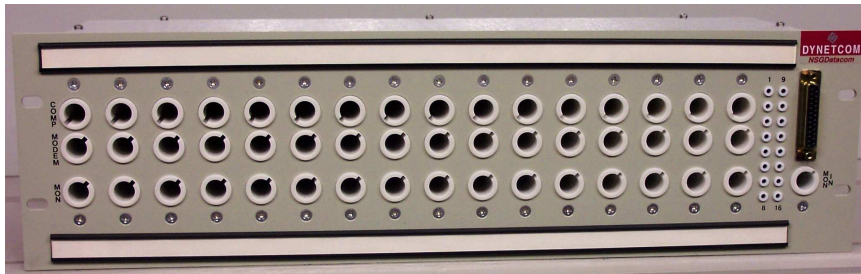
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Non-interrupting jacks plus a test and monitor access position with a V.24 or V.35 connector and individual circuit test points or LED's are provided on most modules. These facilities permit monitoring/testing of the circuits (or individual leads) with an oscilloscope, bit error rate tester, printer, or other device. Also, circuits may be patched directly to Dynetcom Diagnostic equipment (the Dynapatch product range) for complete on-line or off-line channel analysis, exercise and simulation. Some Dynapatch modules provide continuous monitoring with LED indicators to show individual channel status and (at the monitor position) the status of control signal "handshake" inter-change.

To ensure against contamination on the contact, area the patch cord contacts are gold plated and have a patented self-wiping action. It is these features that enable Dynetcom to promise unsurpassed quality, and enable us to offer a lifetime guarantee for all patches in our product lines. It should come as no surprise that in very many computer centers worldwide there are now large installations of Dynapatch® jacks which have given completely problem free service for decades, ever since they were installed.



Mark1 Patch
Model 153-012-16
16 channels, 16 circuits

Also available Model 153-12M-16 with individual channel monitoring

Product Specifications

Patching 19" Rack Mount

- Modular or non-modular versions of patching available
- Up to 16 channels; 12, 16 circuits
- Up to 14 channels; 32 circuits
- V.24, X.21, and V.35 interface support
- Data patching with on-line monitor access and individual channel monitoring
- Carrier signal down alarm
- 8 L.E.D. interface monitor breakout

Patching Equipment Options

The following standard options are available on appropriate models:

Special wiring: other than the standard wiring listed for 12,16 and 32 circuit versions

Color change: the front panel can be painted to match customers' requirements

Silk screening: of alternative front or rear panel inscriptions, for the addition of company logotypes or legends in other languages other than English

Variable Delay Option: in models containing individual channel monitoring consisting of a potentiometer which varies the time before the carrier fail alarm is activated.

Installation

- All Dynatech DynaPatch models have rear panel male (for modems) and female (for terminals) 25-pin CCITT V.24 connectors. V.35 units are available with either Amp or Winchester connectors. Also X.21 available with male and female DB15 connectors
- Dynatech standard pin configuration will be supplied unless otherwise instructed.
- DPC patch cords are available in 12,16 and 32 circuits versions. Also, available with a DPC patch on one end and an interface connector on the other end.

NSGDatacom

www.nsgdata.com

3863 Centerview Drive
Chantilly, VA, 20151-3232 USA
Phone: +(1) 703 793 2000
Fax: +(1) 703 793 2001

7435 New Technology Way
Frederick, MD, 21703 USA
Phone: +(1) 301 662 5926
Fax: +(1) 301 694 6279

The Brackens, London Road
Ascot, Berkshire SL5 8BE, UK
Phone: +(44) 1344 893 000
Fax: +(44) 1344 891 990