

Quality

The Dynapatch products are manufactured using rigorous quality control procedures at every stage of the process. The use of extensive automated component insertion and test techniques ensure error-free operation.

Reliability

Dynapatch products are subject to rigorous design constraints which ensure that the product works for years with the highest level of reliability.

Warranty

The patching jacks are guaranteed against defects in material and workmanship for the life of the original installation.

All other components and equipment are guaranteed against defects in material and workmanship for 13 months from original shipment, except for fuses, batteries, and bulbs, which are warranted only to be operational when shipped from the factory.



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X.21 Tech-Control Products



Communication solutions from

NSGDatacom

extend. evolve. innovate.

Dynetcom X.21 Tech-Control Products

Originally developed under the name Cooke Engineering, Dynetcom's Tech-Control products have provided data management and access solutions for more than four decades. From our earliest products designed specifically for the US Defense Department to our more recent developments, our products are built for excellent quality and high reliability. This is supported by a lifetime warranty on the patching jacks.

The Dynapatch, Dynaswitch, Test & Monitoring, and Enterprise Availability System (EAS) products offer cost effective patching, switching, monitoring, alarming, and testing of data network communications solutions for a wide variety of applications.

Dynapatch Mark I

- Gold plated patch contacts
- No exposed contacts or latching mechanisms
- Hard wire between patch jack and connector in an enclosed chassis
- High density patch fields
- Integral cable management
- Dynapatch lifetime guarantee



Dynapatch Mark II

- Bifurcated Beryllium-Cu and gold plated patch contacts
- No exposed contacts or latching mechanisms
- Dynapatch lifetime guarantee
- Will pass signals up to 2Mhz
- Fully modular
- Fiber optic high intensity LED interface monitoring
- Audible and visual interface alarming
- Test and monitor access to circuits
- High density patch fields
- Integral cable management
- Standard and Enhanced Patch jack versions available, along with Monitor Access and T- Analyzer Jacks

Dynapatch Mark II Standard Version

- Patching and test/monitor access
- Slots for up to 18 Patch jacks per Rack adapter (slots 17 & 18 can be used for Test and Monitoring modules)
- Patch jacks, Test, and Monitoring modules available in tan, black, red, green, and gray
- Rack adapters available in Brown, Black, Red, and Green
- Monitoring module available in 90-120 VAC and 200-240 VAC



Dynapatch Mark II Enhanced Version

- Patching and test/monitor access
- Audible and visible alarming on interface events
- Variable alarm delay with auto reset
- Patch jacks, Test, and Monitoring modules available in gray or tan
- Slots for up to 16 Patch jacks per rack adapter (slot 17 is available for Test and Monitoring modules, slot 18 ships with Monitor/Alarm module installed)
- 7 LED monitors per patch jack
- 85-240 VAC auto ranging brick power supply
- Enclosed chassis with back panel with jackscrews for mounting cables, allowing removal of patch jack without disturbing interface connection (available in black or brown)



Dynapatch Mark II Monitor Access and T- Analyzer Jacks

- Slots for up to 18 monitor jacks per rack, and up to 16 T-Analyzer jacks per panel
- Jacks available in tan, black, and gray (monitor jack only)
- Rack adapters available in brown or black and adapter panels available in tan or black

Dynaswitch Mark II

- Bifurcated Beryllium-Cu and gold plated patch contacts
- Patch/Switch or Switch only modules available
- No exposed contacts or latching mechanisms
- Dynapatch lifetime guarantee
- Will pass signals up to 2Mhz
- Fully modular
- Fiber optic high intensity LED interface monitoring
- Audible and visual interface alarming
- Test and monitor access to circuits
- High density patch fields
- Integral cable management
- Local and Serial or IP Remote Control
- Standard, Standard W/LAS, Enhanced and Premier versions available
- Pre-Configured Paks (Assemblies) or individual parts offered
- Rack adapters available in brown or black
- Auto Ranging 90-240 VAC, Redundant Auto Ranging 90-240 VAC, or 48 VDC power supply available

Dynaswitch Mark II Standard Version

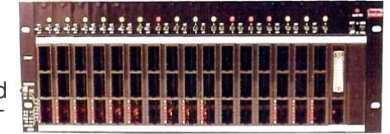
- Basic electro-mechanical A/B switching
- Patching and test/monitor access on Patch/Switch module
- Some Patch/Switch and Switch modules have lead LED monitoring and variable carrier alarm with a reset and off switch
- Slots for up to 16 Patch or Patch/Switch modules per Rack adapter
- Slot 17 for Test Access, Remote Control, or Remote Control Slave module
- Slot 18 for Master Alarm Control module which comes with Rack adapter
- Patch, Patch/Switch, Test Access, Remote Control, Remote Control Slave and Master Alarm Control modules are available in tan, black, or gray

Dynaswitch Mark II Standard Version with Line Activity Scanner Function (LAS)

Same characteristics as the Standard Version but also has Line Activity Scanner Function (LAS) providing a remote controlled alarm and monitoring facility plus a communications interface to a PC running either the DCC software program or through the MARC-12 Software

Dynaswitch Mark II Enhanced Version

- Same characteristics as the Standard Version, but each Patch/switch or Switch module also has LED monitoring of T, R, C, I, ST, and state of alarm conditions A1 and A2, with a reset and off switch



Dynaswitch Mark II Premier Version

- Same characteristics as the Enhanced Version but also has Line Activity Scanner Function (LAS) providing a remote controlled alarm and monitoring facility plus a communications interface to a PC running either the DCC software program or through the MARC-12 software

Test and Monitoring Equipment

LAMP-221

- Monitors interface leads T, R, C, I and S
- Self- powered from the interface leads, without distorting any data or interrupting the continuous through of the module being monitored
- Available tan or black



Enterprise Availability System (EAS)

- Patch and A/B Switch versions available
- Gold plated Beryllium-Cu and gold plated patch contacts
- No exposed contacts or latching mechanisms
- Dynapatch lifetime guarantee
- Fully modular
- Fiber optic high intensity LED interface monitoring
- Audible and visual interface alarming
- Test and monitor access to circuits
- High density patch fields
- Integral cable management
- Local and Serial Remote Control for electronic patching or A/B switching
- Pre-Configured Paks (Assemblies) or individual parts offered
- Rack adapters available in brown or black for Patch version and black only for A/B version
- Auto Ranging 90-240 VAC on both Patch and A/B
- 48 VDC power supply available on Patch version only
- Patch version Channel card offers two Busses; M Bus (Monitor) and T Bus (Test/Monitor)
- A/B version offers 3 different Channel Cards
 1. Zero Bus
 2. Single Bus M Bus (Monitor)
 3. Two Bus M Bus (Monitor) and T Bus (Test/Monitor)