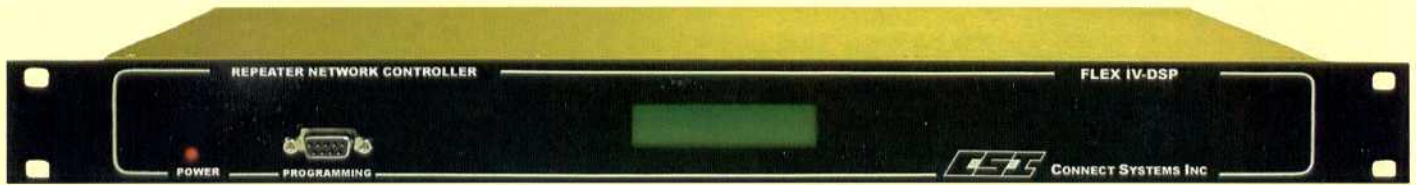


# FLEX IV-DSP

## WIDE AREA NETWORK SYSTEM CONTROLLERS



The FLEX IV-DSP controller is the world's first self contained radio control panel capable of managing LTR, DCS, CTCSS, P25, and other formats in a wide area network system.

It is designed as a singular 19" rack mount panel weighing five pounds and has been designed with highly reliable components, sophisticated software and the most modern assembly methods.

It allows communications via linking any number of repeater sites using an IP Network. It is capable of operating on LTR, CTCSS or DCS protocols simultaneously. Therefore it is capable of linking from any frequency or radio band to any other frequency or radio band.

Total interoperability is accomplished automatically. There is no apparent call set-up time due to voice store/send of the initial voice call. There is no voice clipping of the initiated message at the receive site. FLEX IV-DSP panels can directly connect to standard DSL lines at each site providing full time operational capability at low cost. Voice transmissions are full fidelity without dropouts or background noise.

Features include simulcast OR selective site access, built in ethernet connection and low current consumption making it ideal for solar panel equipped sites. FLEX IV-DSP easily interfaces to any radio or repeater. All necessary adjustments are concealed behind a removable front sub-panel. The front panel LCD display shows on-the-air activity of active users. FLEX IV-DSP is programmable via any PC over the Internet using CSI Windows-based software.

Design features for FLEX IV-DSP include:

- Foundational, digital communications platform
- Totally frequency/RF band transparent
- Use on any mix of current or future RF bands
- Networking software allows unlimited number of sites
- No call set-up time due to audio store/send of initial voice call
- No voice clipping of initiated message at the receive site
- Full time operational capability using low cost DSL link site to site
- Full fidelity voice transmissions without dropouts or background noise
- Simulcast OR selective site access
- Designed in a single rack-mount panel with built-in ethernet connection
- Low current consumption. Ideal for solar panel equipped sites.
- Easily interfaces to any radio or repeater
- Front sub-panel removal provides access to necessary adjustments
- Front panel LCD display shows on-the-air activity
- Emergency override to all sites (FLEX IV-DSP-P only)
- Dispatch from any phone/cell phone (FLEX IV-DSP-P only)
- Reverse ringing feature allows call to telephone from radio (FLEX IV-DSP-P only)



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