



## MPT 1327 Channel Controller

Specially designed for MPT1327 applications, TSC Channel cards are rugged, reliable, and fast. The TSC Channel card performs the major MPT1327 trunking functions. It can operate on its own as a single channel MPT1327 repeater. No other processors whatsoever are necessary.

### Features..

- Full-featured applications from a single-site to over 800 sites.
- Flash Programmable.
- Ultra compact 4 controllers in a single 1U 19" tray.
- No need for extra test equipment to check and set channel card levels.
- Soft Configuration includes built-in audio waveform monitoring to measure FFSK and Line amplitude, frequency, and distortion.

### High-speed communication..

Channel cards communicate with one another via a very resilient high-speed bi-directional serial bus. This simple 2-wire connection can be up to 100 metres long, useful if several racking cabinets are to be connected (on a large system) where the cabinets cannot be mounted close to one another.

### Rugged, Reliable Solutions..





To align and maintain a Fylde SuperTrunk III system, you just need a standard radio test set and a laptop PC running the Fylde Field Programmer software.

## Programming the channel is so simple and accurate..

Connect a programming lead from a laptop to the front panel mounted TSC programming socket and the channel will gracefully enter programming mode.

- Connect radio test set to the repeater in the normal way.
- Use Field Programmer to set FFSK output deviation.
- Use Field Programmer to set FFSK input level AND monitor waveform on built-in digi-scope.
- Use Field Programmer to set Speech path deviation and monitor looped-back waveform on digi-scope.
- TSC channel automatically re-enters service upon removal of the programming lead.

## MPT1327 System Example

