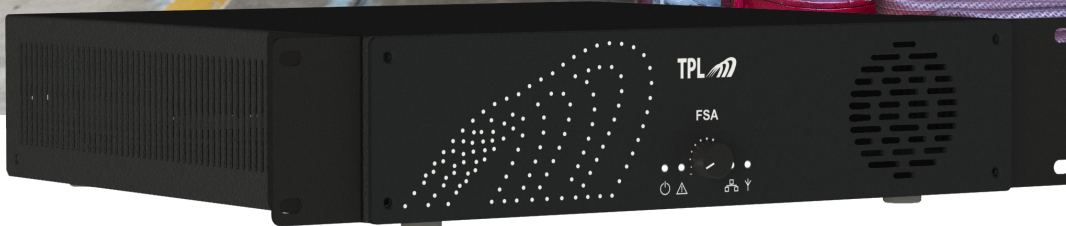




# FSA P25 Fire Station Alerting



The FSA P25 is a cost effective , standalone, Fire Station Alerting platform that allows seamless transition from analog alerting to P25, IP, 3/4 G LTE (FirstNet capable) and POCSAG Digital Text Messaging.

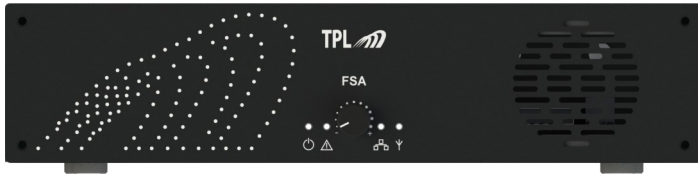
With 8, heavy duty, relay outputs the FSA P25 , upon receipt of programmed activations, can be used to turn off appliances , open garage doors, turn on lights and or sirens.

Additionally, the FSA P25 can monitor multiple systems (e.g., P25 + Analog) and only activate its Relays upon detection of programmed codes.

Its flexible Hardware and Software architecture allows for ease for in-field re-configuration and upgrade as applications change.

#### The **FSA P25** supports:

- Phase I and II P25 Trunking Environments
- P25 Conventional Control
- 2-Tone and DTMF, Analog Control
- POCSAG digital
- 3G/4G LTE (FirstNet Capable)
- 8, Heavy Duty, Relay Closures
- 4 Inputs
- 600 Ohm Audio Output
- Field Programmable
- Software Upgradeable
- Stainless Steel Enclosure
- Desktop, Rack Mount, or Wall Mount



## SPECIFICATIONS

### Electrical

DC Input Voltage Range: 9 - 48V nominal  
 8 Relay Outputs:  
 - AC: 16A @ 250VAC  
 - DC: 8A @ 24VDC  
 4 Dry Contact Inputs  
 Board Connectors: RS485, Ethernet RJ45, USB-C, Antennas, 600 ohms Audio Output

### Receivers

P25 Conventional and P25 Trunking Phase I & II.  
 Frequency Range: VHF/UHF(P25C only)/ 763 - 776 MHz / 851 - 870 MHz  
 Sensitivity: better than -116dBm / -119dBm typical  
 Rejection: 70dB  
 Selectivity: >60dB  
 Spurious: >70dB  
 Operating Temperature: -22 to +158 Fahrenheit  
 Antenna Impedance: 50 Ohms

#### Optional:

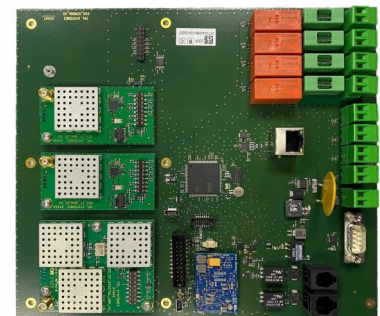
Analog Voice + 2Tone/ DTMF: 136 - 174 MHz / 441 - 470 MHz  
 POCSAG Digital: 136 - 174 MHz / 434 - 470 MHz  
 - Channel spacing: 6,25kHz/12,5kHz/25kHz  
 - Baud rate: 512, 1200 or 2400

#### Option: 3G/4G LTE Module:

Category: Cat-1 Frequency Bands:  
 B2, B4, B5, B12, B13, B14, B25, B26, B66, B71  
 Data Speed: Peak Download Rate 10Mbps  
 Peak Upload Rate 5Mbps  
 Planned Carrier: AT&T, Sprint, T-Mobile, Verizon  
 Regulatory : FCC, GCF, IC, PTCRB

### Stainless Steel Enclosure

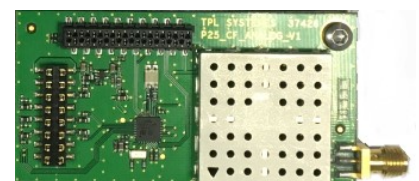
Dimensions: rack 19" 2U  
Weight: Complete box wired around 11 lbs  
 Wall mount, Rack Mount or Desktop table foot



**FSA Motherboard**



**Optional: 3G/4G LTE Module**



**Optional: Analog Board  
 2Tone/DTMF or Pocsag Digital  
 VHF or UHF**