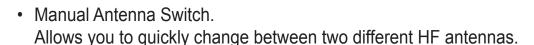
## PUT A LITTLE KICK IN YOUR QRP

## TEN-TEC'S NEW 100 WATT SOLID STATE LINEAR GIVES YOUR QRP RIG MORE MUSCLE



160-6 Meter (Ham Bands Only)

- Model 418 160-6 Meter Solid State Linear Amplifier.
- 100 Watts of output power with just five watts of drive.
   Extra power when you need it.
- Bypass Mode available with the flip of a switch.



- Automatic or Manual Band Selection for worry free operation.
- Output Power and SWR are displayed on a large easy to read LCD Panel.
- · Color adjustable LCD backlight display.
- Automatic Sensing of Six Meter input. No need to switch to a six meter antenna. When a Six Meter signal is sensed the Six Meter Antenna port is automatically selected.

Find out more

www.tentec.com

BUY FACTORY DIRECT





## **SPECIFICATIONS**

- Amplifier typical gain 13db
- RF input: 1 to 20 watts
- Operating Voltage: 13.8 volts +/- 15%
- Frequency Range: 160 through 6 meters (ham bands only)
- RF output Power: 100 Watts, +/- 1 dB with 5 watts drive
- Operating Modes: AM, FM, AFSK, PSK, SSB, CW
- Duty Cycle: 50% (TX/RX) 100 watts output. 100% for CW and SSB
- Front Panel Display: Customer FSTN monochrome LCD
- · Display Back Light: 6 LEDs, more than 200 colors
- Cooling: 2 internal fans, temperature controlled
- Harmonic & Spurious Outputs: 50dBc Typical @ 100 Watts HF, -60dBc Typical 6 Meters
- Third Order Intermod: 30dB below peak
- Dimensions (H x W x D): 3.625" x 6.5" x 7.6" (excluding feet and connectors)
- · Weight: 5.4 lbs
- · DC Power Connector: Power Poles
- Fuse (back panel): 25 Amp, Automotive Blade Style
- Key Jack: 1/8" Stereo Tip-Key In Ring-Key Out
- ACC Din Connector: 8 Pin DIN Key In, Clock/Data/Enable, Ground
- Construction: Molded Plastic bezel, Aluminum chassis, front & rear panels & textured painted steel covers
- Antenna Impedance: 50 ohms nominal
- Automatic fault for: Antenna mismatch (output power > 50 watts), Over current, Over temperature, and high input power
- Works with most antennas (SWR less than 3:1)
- Easy plug and play operation with Ten-Tec model 539 QRP radio
- Separate antenna connector provided for automatic switch to six meter antenna
- Works with most QRP radios
- RF connectors: 1 RF input, 3 RF outputs (two HF & One 6 meter)
- Amplifier keyed form direct connection to foot switch, hand switch, or straight key. Key Out from amplifier is provided to key radio.

