

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.
- Manual Antenna Switch. Allows you to quickly change between two different HF antennas.
- 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
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1185 Dolly Parton Pkwy., Sevierville, TN 37862 • Sales (800) 833-7373 • sales@tentec.com • Office (865) 453-7172 • Fax (865) 428-4483
Service: (865) 428-0364 • service@tentec.com • M-F 8 AM - 5 PM (Eastern Time). We accept Visa, MC, American Express and Discover.

84064

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.

