



# Product Specification Sheet

APS204

Rev. 2 - 08/01



#1350 (UHF)  
#1351 (VHF)

## #1350 / #1351 Transmitter

The #1350 is a small radio paging transceiver designed specifically to transmit short bursts of digitally coded data direct to AstraPage pocket (pagers) receivers. The unit is mounted in and controlled by the #1330 transmitter termination unit. It provides fast solid state switching and direct FM modulation for accurate high speed data capability. The unit includes receiver circuitry to monitor the radio frequency prior to transmitting. The #1350 (UHF standard) will operate on the AstraPage radio paging system.

### FEATURES

- Compact and durable
- Full 5 watts RF output
- High speed data transmissions
- Solid state switching
- Pocsag FM modulation
- UHF or VHF crystal controlled
- Built-in receiver circuitry
- Automatic frequency monitoring
- Extreme stability & reliability
- FCC type acceptance

### ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The Transmitter shall be Alpha Communications®/Stento model #1350 / #1351 or approved equivalent. The transmitter shall be housed in nickel plated steel housing and shall be approximately 5.00" H x 3.00" W x 1.00" D. The transmitter shall have high speed data transmissions with automatic frequency monitoring. The required antenna is BNC type and input is by a 9 pin "D" connector. The required power shall be 10 - 12 VDC. The #1350 transmitter shall mount inside #1330 termination unit.

The #1350 shall operate on the AstraPage radio paging system.

Contractor shall observe all local and national electrical and building codes.

### SPECIFICATIONS

- Housing:** Nickel plated steel
- Dimensions:** 5.00" H x 3.00" W x 1.00" D
- Frequency:** #1350: UHF 450-470 Mhz (standard)  
#1351: VHF 150-170 Mhz (special)
- Channel:** Single channel with 25 KHz spacing
- Data Rate:** Set at 1200 BPS baud rate
- Output:** 5 watts nominal, adjustable to 2 watts
- Power:** Requires 10-12 V DC, 750 ma
- Stability:** Frequency stability is to .0005 %
- Connectors:** Antenna is BNC type, input is by 9-pin "D" connector
- Emission:** Spurious & harmonic emission is less than -60dB
- Sensitivity:** Receiver @ 12 dB Sinad is 0.35 uV
- Mounting:** Mounts inside #1330 termination unit
- Approvals:** FCC part 15, & FCC Type Acceptance to part 90

*Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.*