

Specifications
NexGen Audio Processor
Model ODQ-3

- Inputs & Outputs are RF Filtered.
- Line level balanced input and output.
- Built in mic pre amp for direct mic input (Condenser or Dynamic)
- Jumper provided on board to bias mic input so condenser microphone can be used.
- Input and output phase switches on rear panel for quick setup and loud modulation.
- Built in 5 kc bandwidth limit filter---Switchable in or out with board jumper.
- Smooth 40 db of compression possible without pumping or ducking.
- Tri band audio processing with separate compressors for each band.
- Equalization can be tailored to your requirements using internal adjustments.
- Headphone jack on rear panel lets you monitor eq adjustments before putting on air.
- Active peak limiter prevents over modulation of negative peaks (Positive Peaks If Required).
- Negative cycle loading circuit further protects negative peak excursions plus protection for modulation transformer.
- Design produces high average modulation regardless of proximity to microphone.
- Can produce 125% positive peak modulation for extra loudness when conditions are poor.
- Front panel LED indicators for input level to the Asymmetrical Limiter.
- Unbalanced input and output provided (Mic and Line).
- Mic output: for feeding mic input to ham transmitter.
- Non complicated front panel controls for audio input and output. All other adjustments are on the printed circuit board within.
- Output: +30 dbm capable on balanced output.
- Power supplied by 24 volt adapter.