

## Model : T1002

### 700 channel Twin UHF diversity receiver

The Turbo Professional Series represents a massive leap forward in both specification and design.

The T1002 twin diversity receiver is designed to operate with the T1004 belt-pack and T1005 (Dynamic) & T1006 (Condenser) handheld transmitters.

#### Product Features

- Two radio microphone receivers in a 1U 19" chassis
- True diversity operation
- 700 selectable channels between 842 and 865 Mhz
- Balanced XLR and un-balanced jack audio outputs
- 8v antenna phantom power
- TNC detachable ½ wave antenna
- In-built antenna distribution
- Front mounting antenna kit included if required
- Steel chassis 19" rack design
- 19" rack kit included
- Transmitter recharging port with flylead
- Headphone monitoring jack and volume control
- Adjustable squelch control
- Programmable LCD display

#### Specifications

Carrier Frequency Range.....UHF band 842 ~ 865 MHz  
 Oscillator.....PLL synthesized  
 Modulation.....FM  
 Frequency Stability.....±0.005%  
 S/N ratio.....>94dB, at 48KHz deviation  
 and 60 dBm V antenna input  
 Image and Spurious Rejection.....80 dB minimum  
 Receiving Sensitivity.....6 dBm V  
 Selectivity.....>50dB  
 AF Response.....50Hz to 15 KHz(±3dB)  
 T.H.D. ....<1% (at 1KHz)  
 IF Frequency.....1st: 56MHz ;  
 2nd 10.7MHz  
 Dynamic Range.....>96dB  
 Tone Signal.....32.768KHz  
 Audio Output.....Balanced and unbalanced  
 Power Supply.....12V DC  
 Current Consumption.....Single Channel: 500mA



Front view of T1002



Rear view of T1002



Front mounting TNC kit (included)



T1002 with front antenna kit fitted

#### Optional accessories

- A1001 antenna distribution unit
- A1002 RF antenna booster amplifier
- A1003 – 50cms TNC to TNC lead
- A1004 – 100cms TNC to TNC lead