

OTD-3000 FREQUENCY AGILE TV DEMODULATOR

Features / Benefits

- Any input from Ch. 2 (55.25MHz) to UHF Ch. 69 (801.25MHz)
- Available with remote control and sub-band input capabilities
- Broadband security network demodulator
- Microwave applications requiring composite video outputs
- Standby input tuner for heterodyne processor applications
- MPX audio output for broadcast stereo applications
- Two video outputs
- Selectable composite output
- 4.5MHz audio output
- Low power consumption
- Available in four standards, NTSC, PAL B/G, PAL I, and PAL D



The model **OTD-3000** is a full featured agile demodulator series that is available in four standards, NTSC, PAL B/G, PAL I, and PAL D. The **OTD-3000** will demodulate NTSC frequencies from 55.25MHz (Ch. 2) to 801.25MHz (UHF Ch. 69), and PAL frequencies from 48.25MHz to 855.25MHz, including all cable channels. Sub-Band input and/or Remote Control capabilities are available as optional features. Locally controlled channel selection is by front panel DIP switches.

The **OTD-3000** features two video outputs, a subcarrier output, rear panel selectable composite video output, and a 600 ohm balanced audio output. A multiplex audio output is also provided for stereo applications, along with an I.F. output port which allows the unit to be utilized as a frequency agile input tuner for processor applications.

OTD-3000



SPECIFICATIONS

RF input.....	NTSC 55.25MHz to 801.25MHz in 0.25MHz increments
All PAL versions.....	48.25MHz to 855.25MHz in 0.25MHz increments
RF input level.....	-10dBmV to +25dBmV off-air -10dBmV to +10dBmV off-cable
Video outputs (two).....	1V P-P (75Ω)
Composite video.....	Rear panel selectable by slide switch
Audio output.....	500mV p-p (600Ω balanced)
MPX audio output (NTSC).....	+40dBmV (75Ω unbalanced)
Audio subcarrier output.....	+40dBmV @ 75Ω
I.F. output.....	+35dBmV (75Ω)
Front panel controls.....	On/Off switch, channel and band select dip switches
Rear panel connectors.....	Type "F" for RF input, two video outputs, if subcarrier and MPX outputs. Screw terminals for audio output.
Power requirements.....	115 vac @ 60Hz. 10watts maximum
Size.....	1.75"H x 19"W x 8"D

MODEL OPTIONS

OTD-3000-S	Same features and specifications as the OTD-3000 but with Sub-Band Ch. T-7 (7MHz) through 545.25MHz input capabilities.
OTD-3000-R	Same features as OTD-3000 but with Remote Controllability through RS-232 serial interface that covers the frequency spectrum from 55.25MHz through 545.25Mhz.
OTD-3000-RT	Same features as OTD-3000-R but with Sub-Band T-7 (7MHz) to 545.25MHz input.