



Digital DTR7000 Terrestrial Receiver

Leading You to the Digital Era



Main Features :

Excellent Performance

*1000 TV & Radio Channel Capability
MPEG 1 Audio Layer 1 and Layer 2
MPEG 2 Video (MP@ML)
Input Frequency 470 Mhz to 862 Mhz
2K and 8K FFT size
Implements complete DVB-T Standard
QPSK 16 QAM and 64 QAM constellations*

Multi Function

*Multi Language Menu
Electronic Program Guide On Screen
Sub-title and Teletext supported OSD & VBI
Dolby AC3 Digital Bit Stream Out (S/PDIF)*

Flexibility

*Firmware Download through RS 232
from PC to Receiver
Tuner Control by TV Channel Table*

Easy Installation

*Auto and Manual Scanning
Full Channels Editing
Channel Frequency Editing Capability
TV and Scart Version output connector*



PACIFIC DTR 7000

Digital Terrestrial TV Receiver (Free-to-Air)

SPECIFICATION

TUNER & CHANNEL

RF Input Connector : IEC, Female
RF Loop through Connector : IEC, Male
Receiving Frequency : 51 MHz to 858MHz
Input Signal Level : -80dBm to -35dBm
Input Impedance : 75 ohms nominal
Loop through Out Impedance : 75 ohms nominal
Center Frequency : 36MHz
IF bandwidth : 7MHz or 8 MHz
Demodulation : OFDM
Modes (FFT) : 2k, 8k
Constellations : QPSK, 16QAM, 64QAM
Hierarchy mode : No-Hierarchical, Hierarchical
Codes Rates : 1/2, 2/3, 3/4, 5/6, 7/8
Guard Intervals : 1/4, 1/8, 1/16, 1/32

MPEG TRANSPORT STREAM A/V DECODING

Transport Stream : MPEG-2 ISO/IEC 13818 Transport Stream Specification
Transport Stream Specification : MPEG-2 MP@ML
Input Rate : Max. 60 Mbit/s
Aspect Ratio : 4:3, 16:9 Pan & Scan, Letterbox
Video Resolution : 720 x 576 (PAL), 720 x 480 (NTSC)
Audio Decoding : MPEG/MusiCam Layer I & II
Audio Mode : Single channel / Dual channel, Joint stereo / Stereo
Sampling Rate : 32, 44.1 and 48KHz

MEMORY

Flash Memory : 1 Mbyte
Graphic SDRAM : 8 Mbyte
EEPROM : 2 Kbytes

A/V & DATA IN/OUT

TV SCART : Video Output (CVBS, RGB), Audio Output
VCR SCART : Video Input & Output (CVBS, RGB), Audio Input & Output
Option : RCA output connector for model DTR 7100
S/PDIF : Digital Audio Output, RCA/Cinch
Data Interface : RS232C, BAUD Rate 115200 Max., 9 Pin D-SUB

RF PLL MODULATOR (OPTIONAL)

RF Output CH : EURO UHF 21 to 69
Output Level : 65dBuV typical
Audio System : PAL I/G/K, NTSC M selectable
Output Impedance : 75 ohm

FRONT PANEL KEYS

Keys : Power, Ch Up, Ch Down, TV/Radio

FRONT PANEL DISPLAY

POWER LED : Light up when in Standby
SIGNAL LED : Light up when get the signal
TV/RADIO LED : Light up when in TV mode

POWER SUPPLY

Input Voltage : 90 to 260 VAC
Input Frequency : 50/60 Hz
Input Rating : 1.0A maximum
Power Consumption : 30W maximum, <8W Standby

WEIGHT & DIMENSION

1.8kg approx, 260 (w) x 185 (d) x 50 (h) mm

* Specifications and functions may be changed for improvement without notice in advance.

