



# 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.

