

# TDR-3190

## NextWave Digital Australian Digital TV Receiver



The NextWave TDR-3190 is a stylish, full featured standard definition digital set top box. There is no compromise between high quality, extensive features and a competitive price.

Compact Size  
Onscreen Games  
Onscreen Teletext  
Closed Captioning  
Parental Control PIN  
Super Fast Channel Scan  
Channel Rename Function  
Favourite Channels Function  
Digital Audio Output (S/PDIF)  
S-VHS, CVBS & RGB Video  
Wide Screen (16:9) Hot-Key  
Electronic Program Guide  
Software Upgradeable  
Signal Indicator Bars  
Internet Support Site  
Front Panel Display  
Simple Setup Key  
Dolby Digital

### Technical Specifications

#### Aerial Tuner

Input Frequency VHF 6-12 [174MHz~230MHz], UHF 21-69 [470MHz~820MHz]  
RF Input level -85 ~ -25dBm

#### Demodulator

Waveforms QPSK, 16QAM and 64QAM  
Bit Rate 31.67 Mbps  
OFDM Spectrum 2K and 8K mode carrier Non-hierarchical / Hierarchical  
Guard interval 1/32, 1/16, 1/8, 1/4

#### A/V Decoding

Transport Stream MPEG-2 ISO/IEC13818 Transport Stream specification  
Input Rate Max. 88Mbps [parallel]  
Video MPEG-2 Main Profile / Main level (MP@ML)  
Audio MPEG-1 layer 1 & 2

#### Memory

Main Processor IBM Power PC 405D2  
Flash RAM 1 Mbyte (Asynchronous)  
Program SDRAM 8 Mbyte

#### Video

CVBS/RGB output level 1Vp-p into 75ohm  
Video Format 4:3, 16:9 (Widescreen), 16:9 (Letterbox)

#### Audio

Sampling Frequency 32/44.1/48 kHz  
Frequency Response 20Hz to 20KHZ HiFi Quality Stereo  
Audio output level 2V rms max.

#### Connectors

Aerial Tuner IEC 169-2 Male/Female [ch6~69]  
TV SCART YCbCr, RGB, CVBS, Audio L/R  
RCA Jack Stereo Audio L/R, CVBS  
Serial Port RS232C 9pin D-sub Male  
S-VHS Port 4 Pin Mini-DIN (S-VHS)  
S/PDIF (Coaxial) Dolby Digital Audio Bitstream Output (Coaxial RCA)

#### General Data

Supply Voltage SMPS [90~245 AC, 50/60Hz]  
Power Consumption Max 25W  
Operating temp. 0oC - 45oC  
Dimensions 255 [w] X 185 [d] X 40 [h]

Super  
SENSITIVE TUNER

YPbPr  
COMPONENT

S-Video

Coaxial  
DIGITAL AUDIO



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