

# Specification for DCD201

<b>Inputs</b>	
Input Programs	1
Video	Composite (CVBS)
Video System	PAL or NTSC
Audio	0.5 to 2Vpp
Impedance	10k $\Omega$
Bandwidth	20Hz to 20kHz
Audio channels	2 x Stereo or Mono
<b>Compression</b>	
Video Resolution	720 x 576 @50i 25 fps (PAL) or 640 x 480 30fps (NTSC)
Video	Bitrate 3, 6, 8 or 10Mbit/s
Audio	MPEG-1 Layer II
Audio Bitrate	From 96 to 384Kbit/s
DVB insertion tables	SDT, NIT
Editable fields	Service ID, Network ID, Original Network ID, LCN, NIT and Private Data
<b>Modulation</b>	
Standard	DVB-T (ETSI EN 300 744)
Guard Interval	1/4, 1/8, 1/16 or 1/32
Code Rate	1/2, 2/3, 3/4, 5/6 or 7/8
FFT Mode (Carriers)	8K or 2K
Bandwidth	7MHz, 8MHz or 6MHz
<b>RF Output</b>	
Type	Single AV program DVB-T digital TV multiplex
RF Frequency	140 to 865 MHz by Channel or centre frequency. Factory default 606.5 MHz, Au channel 39
MER	<30dB, typical
Output Level	100dB $\mu$ V max, Factory Default 90dB $\mu$ V
Attenuation	up to -10dB
Attenuation Steps	1dB
<b>Connections</b>	
Video	RCA female 75 $\Omega$ (yellow)
Audio	RCA female (white Left channel, red Right channel)
RF	1 DVB-T channel output, F female, 75 $\Omega$
Power supply	5V DC external power supply
	Programmable by built-in LCD, cursor and keys
<b>Mains power</b>	
Voltage	110-240V external DC power supply (included)
Consumption	6W @ 5V DC