

DCX 6000 C TWIN

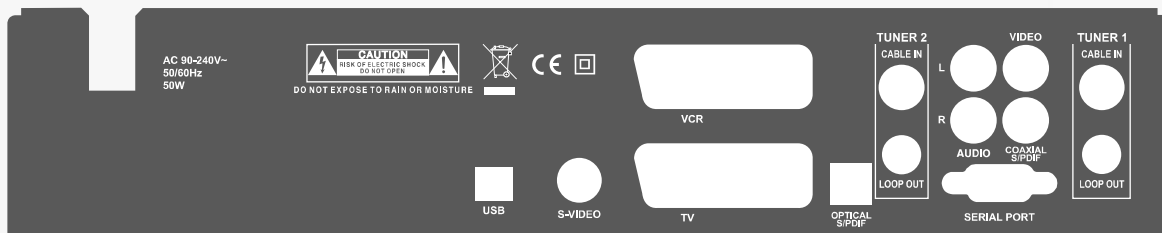
DIGITAL CABLE RECEIVER / TWIN DVR / CI / CONAX

Features



- European DVB standard digital cable reception
- Interfacing with the CAM module of DVB Common Interface standard
- Embedded CONAX with one smart card reader
- Twin Tuner DVR with 160G Hard Disk Drive supported
- Independent watching and recording
- Independent Time-shifting and recording
- Playback for a recorded program while recording another program
- Photo album for digital pictures
- Juke box for musical files
- Constellation : 16 / 32 / 64 / 128 / 256 QAM
- Channel search mode : Network / Auto / Manual
- Teletext supported : OSG & VBI insertion for TV
- Subtitle supported : DVB subtitle / Teletext subtitle
- Dolby AC3 digital audio bitstream out through S/PDIF
- EPG : Present / Following & Scheduled EPG
- Over-The-Cable network SW upgrade
- Parental lock : Channel lock / Install lock / STB lock
- Variable aspect ratio : 4:3 (Full, Center, Letter Box) / 16:9
- Timer : On timer / Off timer / Sleep timer / VCR timer
- Channel grouping : Favorite / Network / CAS / A-Z
- Volume offset for each channel
- RS-232C port for SW upgrade





1. Tuner & Channel

Input connector	2 x IEC 169-2, female
Output connector	2 x IEC 169-2, male
RF input range	64MHz -858MHz
Input dynamic range	45 to 75 dBuV (dBmikrovolts)
Channel selection	PLL Synthesizer Step Size :62.5KHz IF : 36.125MHz
Supporting system	DVB-C(QAM) Compliant
IF Bandwidth	8MHz
Frequency Range	VHF Low band : 64 - 149.5MHZ VHF high band : 156.5 - 442 MHz UHF band : 450 - 858 MHz
C/N ratio	64QAM : 25.5dB 256QAM : 32.5dB
ANT normal impedance	ANT IN : 75 Ohm unbalance TV OUT : 75Ohm unbalance

2. MPEG transport stream A/V decoding

Transport stream	MPEG-2 ISO/IEC 13818 Transport stream specification
Profile & level	MPEG-2 MP @ ML
Input T/S data rate	80Mbit/S max.
Aspect ratio	4:3(Full, Center, Letter Box), 16:9
Video resolution	720 x 576 (PAL), 720 x 480 (NTSC)
Audio decoding	MPEG-1 audio layer 1 & 2, musicam
Audio mode	Stereo, dual channel, joint stereo, mono
Sampling rate	32, 44.1 and 48kHz

3. CPU & Memory

Processor	IBM power PC CPU 252MHz, 350Mips
Flash memory	2M bytes
Program DRAM	16M bytes
EEPROM	2K bytes

4. A/V & Data In/Out

S-Video out	Mini DIN x 1
SCART	TV x 1, VCR x 1
RGB video out	TV SCART x 1
CVBS video out	RCA x 1, SCART x 2 (TV, VCR)
S/PDIF	Coaxial x 1, Optical x 1
Analog audio out	RCA x 2 (L-CH x 1, R-CH x 1) SCART x 2 (TV, VCR)
	Resolution 16bit DAC Output Level 2Vrms Max Volume & mute control
Data interface	RS232C, Baud Rate 9600 ~ 115200, 9 Pin D-Sub

5. Conditional Access

Embedded Conax	1 Smart Card Reader
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6. PCMCIA

Number of Slot	1
Type	I, II DVB Common Interface Standard

7. Recording Options

Pause time (Time Shifting)	about 90min Max.
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8. USB interface

Connector Type	Serial B
USB Driver	Ver 1.1
Data Rate	12Mbps Max.

9. Storage

Capacity	160GB for A/V purpose
Max. capacity of TV program recording	about 90 hours
Interface	IDE
Protocol	ATA / ATAPI-5

10. Key Functions

Pause	Supported
Record	Instant record
Fast forward/reverse	Multiple rate
Slow motion forward/reverse	Multiple rate
Frame by Frame	Supported
Random search	Supported
Instant replay	Supported

11. Power Supply

Input voltage	AC 90-240V~, 50/60Hz
Type	SMPS
Power consumption	50W max.
Protection	Separate internal fuse, chassis grounding and the input for lighting or electric shock protection.

12. Physical Specifications

Size (W x H x D)	320mm x 60mm x 220mm
Weight	about 2.0 Kg

13. Environment

Operating temperature	+5 °C ~ +45 °C
Storage temperature	-40 °C ~ +65 °C