

CityCom CCR 511

Digital Satellite Receiver with Common Interface



CityCom® - A company of the **KATHREIN** - group

CityCom Digital Satellite Receiver Common Interface CCR 511

General Functions

- 2000 programme locations for receiving all international digital DVB standard TV and radio programmes
- 2 Common interface slots
- 2 Scart connections for TV and VCR
- 4-digit LED display
- Tuner with loop-through output for analogue receiver
- Multilingual OSD menu
- Videotext generation (displayed on TV)
- Programmable favourite lists
- SCPC/MCPC capability
- C/Ku band capability
- Capable of receiving electronic program guide (EPG)
- Background image for radio channels
- Child-proof locking facility
- Last Channel function
- Video Out (Cinch)
- R-L audio output (Cinch)
- Image format detection 4:3/16:9
- Volume control and mute
- DiSEqC 1.0 and DiSEqC 1.2 control for digital motor
- Data transfer between two units
- Operating software and program list can be updated via satellite or RS232 and PC (Internet)
- UHF-PLL modulator (Channels 21-69, PAL B/G, I, D/K)

Technical Details

- **Tuner**

Input frequency	950 – 2150MHz
Control signal	22KHz, DiSEq 1.0& 1.2
Input level range	-65~-25dBm
Impedance	75 Ohm
- **Audio Decoder**

Audio decoder	MPEG-1 Layer I and II
Audio channel	Mono, Dual Channel Stereo, Joint Stereo
Sampling frequency	32,44.1,48KHz
- **Video Decoder**

Video decoder	MPEG-2 ISO/IEC 13818-2
Image format	4:3, 16:9 (Letterbox)
Video system	Pal <-> NTSC Converter
- **Chip & Memory**

CPU	32 Bit RISC CPU
Memory	1MB Flash (2MB optional) 8MB SDRAM
- **RF Modulator: PII Frequency Synthesizer**

Modulator output	K 21-69
Video type	PAL B/G, I, D/K
UHF output level	71+ /-4 dBuV
- **Demodulator**

Signal form	QPSK
Symbol rate	1-45MS/s
Code rate	1/2 , 2/3 , 3/4 , 5/6 , 7/8
SCPC / MCPC	capability
- **Common Interface**

Module type	PCMCIA Type II x 2
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- **Serial Interface**

Signal	RS-232, max. 384000 bps
Connection type	9 Pin D-Sub(male)

Power Supply

- **Mains voltage** 220V AC, 50/60 Hz
- **LNB supply** 13/18 V, 22KHz,
max. 500 mA
with Short Circuit Protection

General

- **Dimensions** 300(W)x220(D)x70(H) mm
- **Weight** approx 2.0Kg

Connections

- LNB/Tuner input F-connector
- LNB output F-connector
- TV-/VCR-connection 2xScart connectors
- Audio (HIFI) 2xRCA connectors
- Video signal RCA connector
- Data interface RS 232(9-pin Sub D)
- RF Modulator IEC169-2