

ASTRO V 713 (CI)

SIGNAL CONVERTER 2 X DVB-C, DVB-T OR DVB-T2 INTO PAL

- Plugin card for modular base unit V 16 for
- Processing of 2 DVB-C, DVB-T or DVB-T2 signals into PAL
- Integrated data rate adjustment
- PCR correction
- NIT generation
- PID filter
- HD in SD Downscaling
- MPEG4, AAC, WSS, teletext, VPS, different analogue TV standards programmable
- 2 CI interfaces
- Outstanding output parameters by Direct Digital Technology



DVB-C DEMODULATOR		
Input data rate	[Mbaud]	0,5 – 7
Modulation options		QPSK, QAM16, QAM32, QAM64, QAM128, QAM256
DVB-T AND DVB-T2 DEMODULATOR		
Modulation		DVB-T: 4-, 16-, 64-QAM DVB-T2: 4-, 16-, 64-QAM, 256-QAM
Guard-Intervall		DVB-T: 1/4; 1/8; 1/16; 1/32 DVB-T2: 1/4; 5/32; 1/8; 5/64; 1/16; 1/32; 1/64; 1/128
FEC		DVB-T: 1/2; 2/3; 3/4; 5/6; 7/8 DVB-T2: 1/2; 3/5; 2/3; 3/4; 4/5; 5/6
FFT mode		DVB-T: 2k, 8k DVB-T2: 1k, 2k, 4k, 8k, 16k, 32k
Bandwidth	[MHz]	DVB-T: 6; 7; 8 DVB-T2: 5; 6; 7; 8
Remote feed supply voltage	[V]	5, typ. 100 mA, switchable
RF MODULATORS		
Connectors	[Ω]	75, IEC-jack
Output frequency	[MHz]	47 – 862
Output channels		K2 - K69
Output level	[dBμV]	95 – 100
Intermodulation distance	[dB]	typ. 60
Reflection loss	[dB]	> 10
Spurious frequency distance	[db]	typ. 60
TV standard		PAL, A2/NICAM; (others on request)
Intercarrier signal-to-noise ratio		typ. 58
Residual carrier accuracy	[%]	1
Video signal-to-noise ratio	[dB]	typ. 58
channel selective filter pluggable		☒
COMMON DATA		
Power consumption	[W]	14,2 without CI modules and without active DVB-T antenna
Ambient temperature	[°C]	0...+45

The plug-in card is also available with additional AC-3 coding option.

V 713 CI (AC-3)

Order number 380 717

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