

SKM 80-00M Multituner | DVB-C/T-Octokassette



- ✓ Eight independent multituner inputs
- ✓ Transmodulates DVB-S/S2/S2x/T/T2/C into DVB-C or DVB-T
- ✓ Output modulation configurable
- ✓ Remux | Crossmultiplex
- ✓ Web-based configuration | Remote maintenance
- ✓ Suitable for AXING SMARTPortal
- ✓ Module for mounting in SKS base unit

Order information

Type	SKM 80-00M
Order no.	SKM08000M
GTIN	7611682006032
PE	1
VE	1
EU customs tariff number	85256000



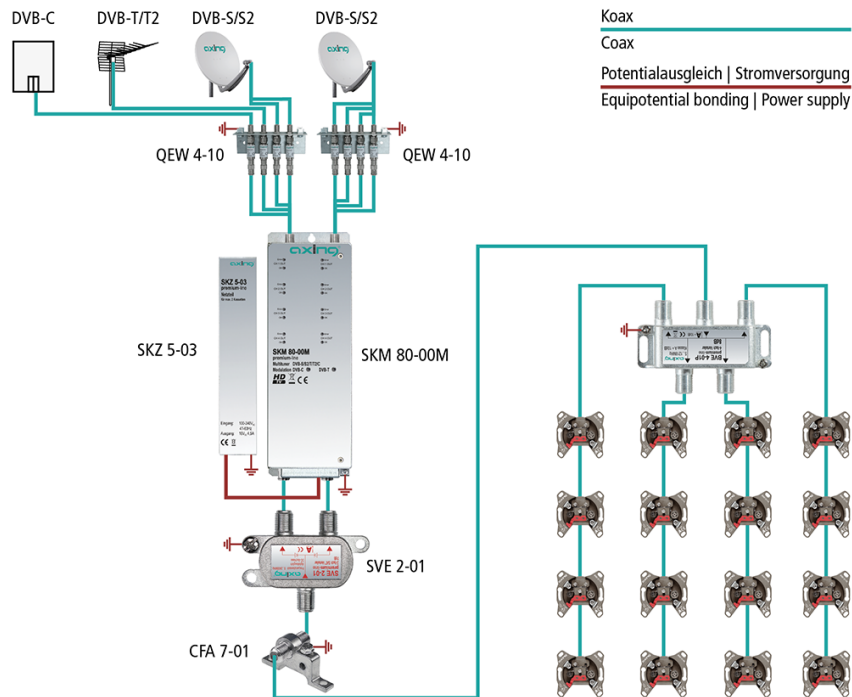
Technical data

Inputs

Number of tuner	8 × DVB-S/S2/S2x/T/T2/C
Connector	8 × F-female

Frequency range	900...2150 MHz @ DVB-S/S2/S2X 50...898 MHz @ DVB-C 50...898 MHz @ DVB-T/T2
Channel bandwidth	5/6/7/8 MHz @ DVB-T/T2
Input level	43...84 dB μ V @ DVB-S/S2/S2X 49...84 dB μ V @ DVB-C 39...84 dB μ V @ DVB-T/T2
LNB voltage	13/17 V; 22 kHz on/off; DiSEqC 1.0
Max. LNB current	250 mA per input 500 mA per unit (each module consists of two units)
Input modulation	
Type	QPSK/8PSK/ 8APSK/16APSK/32APSK @ DVB-S/S2/S2X QAM16, QAM32, QAM64, QAM128, QAM256 @ DVB-C QPSK, QAM16, QAM66 @ DVB-T QPSK, QAM16, QAM64, QAM256 @ DVB-T2
Compliance	DVB-S = EN 300 421 DVB-S2 = EN 302 307-1V1.4.1 DVB-S2X = EN 302 307-2V1.1.1 DVB-C = EN 300 429/ITU-TJ.83 Annex A/C DVB-T = EN 300 744 DVB-T2 = ETSI EN 302 755
Supported input transport streams	MPEG-2 ISO/IEC 13818 MPEG-4 ISO/IEC 14496
Error correction	auto
Symbol rate	1,5...45 MS/s (<40MSymbol/s in 32APSK) @ DVB-S 1...7,2 Mbaud @ DVB-C
Output	
Number of channels	8 \times DVB-C/DVB-T
Frequency range	111...1006 MHz @ DVB-C 111...862 MHz @ DVB-T
Channels selectable	S2...K87 @ DVB-C S2...K69 @ DVB-T
Channel bandwidth	7 MHz, 8 MHz @ DVB-T
Possible frequency shift	-4...+4 MHz (0.5 MHz steps)
Connector	2 \times F-male, quickfix
Impedance	75 Ω
Output level adjustable	85...105 dB μ V @ DVB-C 80...100 dB μ V @ DVB-T
Output modulation	
Type	16QAM, 32QAM, 64QAM, 128QAM, 256-QAM @ DVB-C 16QAM, 64QAM @ DVB-T
MER	\geq 40 dB @ DVB-C \geq 36 dB @ DVB-T
Bit rate, max	50,87 Mbps @ DVB-C 31,668 Mbps @ DVB-T
FFT	2K, 8K mode @ DVB-T
FEC	1/2, 2/3, 3/4, 5/6, 7/8 @ DVB-T
Guard interval	1/4, 1/8, 1/16, 1/32
Symbol rate	1...7,5 MBauds/s
Interfaces	
Configuration interface	2 \times RJ-45, IEEE 802.3, 100 Base-T
General	
Operating voltage	16 VDC
Current consumption	3 A
Operating temperature range (acc. to EN 60065)	-10°C...+50°C
Dimensions (W \times H \times D) appr.	72 \times 218 \times 129 mm
Weight	1,420 kg

Example of use



Suitable products

- [MKS 1-01 Software extension for PID filtering](#)
- [SKZ 5-01 Switching power supply for headend modules | 10 A](#)
- [SKZ 5-03 Switching power supply for headend modules | 4.5 A](#)
- [SKZ 40-00 DC connection cable | 120 mm](#)
- [SKZ 40-01 DC connection cable | 400 mm](#)
- [CFA 7-01 Earth connection block single F | F | wall mounting](#)