

MK 16-00 DVB headend | 16 × DVB-S/S2/S2X/T/T2/C into 16 × DVB-C/T



- ✓ 16 independent multituner inputs
- ✓ Transmodulates 16 × DVB-S/S2/S2X/T/T2/C into 16 × DVB-C or DVB-T
- ✓ Output modulation configurable
- ✓ Remux | Crossmultiplex
- ✓ NIT editing option (software extension required)
- ✓ PID Filtering (software extension required)
- ✓ Interface for CASimulcrypt Server (software extension required)
- ✓ Class A according to EN 50083-2
- ✓ Web-based configuration, remote maintenance (SMARTPortal)
- ✓ Supports SNMPv1 and SNMPv2c
- ✓ Can be used for wall mounting or as a 19" unit

Order information

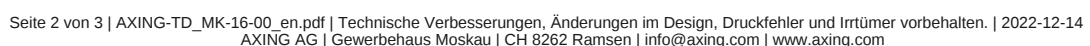
Type	MK 16-00
Order no.	MK01600
GTIN	7611682005974
PE	1
VE	1
EU customs tariff number	85256000



Technical data

Inputs	
Number of tuners	16 × DVB-S/S2/S2X/T/T2/C
Connector	16 × 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 dBμV @ DVB-S/S2/S2X 49...84 dBμV @ DVB-C 39...84 dBμV @ DVB-T/T2
LNB voltage	13/17 V; 22 kHz on/off; DiSeqC 1.0
Max. LNB current	250 mA per input 1000 mA per device
Input modulation	
Type	QPSK/8PSK/16PSK/32APSK @ DVB-S/S2/S2X QAM16, QAM32, QAM64, QAM128, QAM256 @ DVB-C QPSK, QAM16, QAM64 @ 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 (< 40 MS/s in 32APSK) @ DVB-S/S2/S2X 1...7.2 Mbaud @ DVB-C
Transportstreams	
Modifiable program information	Program name, SID remapping, PID remapping, PID filtering* TSID, ONID
LCN	Yes
NIT handling @ DVB-C	auto off manual*
Encryption	DVB-CSA*, DVB-CISSA*, ATIS-IDSA*, AES-ECB*, AES-CBC*
Output	
Number of channels	16 × DVB-C/DVB-T
Frequency range	109 ... 1006 MHz @ DVB-C 109 ... 862 MHz @ DVB-T
Channels selectable	S2...K87 @ DVB-C S2...K69 @ DVB-T
Channel bandwidth	7/8 MHz @ DVB-T
Possible frequency shift	-4 ... +4 MHz (0,5 MHz steps)
Connector	1 × F-female

Example of use



Suitable products

MKS 1-00 Software extension to edit a NIT

MKS 1-01 Software extension for PID filtering

MKS 1-02 Software extension for CASimulcrypt

MKZ 1-00 Front panel for 19" usage