

## MK 8-10C Ultra Compact Headend | FTA



- ✓ 4 inputs for Quattro, Quad or Single cable LNB
- ✓ With integrated multiswitch
- ✓ Single cable reception I and II possible
- ✓ Transmodulates 8 × DVB-S/S2/S2X into 8 × DVB-C/-T
- ✓ Alternative IPTV output in Q4/2026 available\*
- ✓ Remux | Crossmultiplex
- ✓ NIT editing option (software extension required)
- ✓ PID Filtering (software extension required)
- ✓ Interface for CASimulcrypt Server (software extension required)
- ✓ Web-based configuration
- ✓ Suitable for AXING SMARTPortal (software extension required)
- ✓ Supports SNMPv1 and SNMPv2c
- ✓ Very compact housing for wall mounting
- ✓ External power supply unit included

### Order information

Type	MK 8-10C
Order no.	MK00810C
GTIN	7611682401820
PE	1
VE	1
EU customs tariff number	85256000



### Technical data

Inputs	
Number	4
Number of tuners	8 × DVB-S/S2/S2X
Connector	4 × F-female
Frequency range	950 ... 2150 MHz @ DVB-S/S2/S2X
Input level	43 ... 84 dBμV @ DVB-S/S2/S2X
LNB voltage	13/17 V; 22 kHz on/off; DiSEqC 1.x
Max. LNB current	250 mA per input 500 mA per device
Input modulation	
Type	QPSK/8PSK/16PSK/32PSK @ DVB-S/S2/S2X
Compliance	DVB-S = EN 300 421 DVB-S2 = EN 302 307-1V1.4.1 DVB-S2X = EN 302 307-2V1.1.1
Supported input transport streams	MPEG-2 ISO/IEC 13818   MPEG-4 ISO/IEC 14496
Symbol rate	1.5 ... 45 MS/s (< 40 MS/s in 32APSK) @ DVB-S/S2/S2X
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	8 × 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
Possible frequency shift	-4...+4 MHz (0.5 MHz steps)
Output level	75 ... 95 dBμV
Connector	1 × F-female
Impedance	75 Ω
Output modulation	
Compliance	DVB-T (EN 300 744) DVB-C (EN 300 429/ITU-TJ.83 Annex A/C)

Type	QAM32, QAM64, QAM128, QAM256 @ DVB-CQAM32, QAM64 @ DVB-T
MER	≥ 40 dB @ DVB-C ≥ 36 dB @ DVB-T
Bit rate, max	50.87 Mbps @ DVB-C   31.668 Mbps @ DVB-T
FFT	2K 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 @ DVB-T
Symbol rate	1 ... 7.5 MBaud/s @ DVB-C
<b>IP output</b>	
Transportstreams	512 × SPTS   8 × MPTS
Total net data rate	900 Mbps
Data rate per tuner	125 Mbps
Supported protocols	UDP, RTP, HTTP, HTTPS
Supported transport protocols	UDP
Supported application protocols	RTP
<b>General</b>	
Operating temperature range (acc. to EN 60065)	-10 °C ... +50 °C
Power supply	100 ... 240 VAC/50 ... 60 Hz
Power consumption	30 W
Equipotential bonding connection	4 mm <sup>2</sup>
Dimensions (W × H × D) appr.	175 × 270 × 43 mm
<b>External accessories</b>	
Switching power supply	100...240 V~/50...60 Hz

## Example of use

