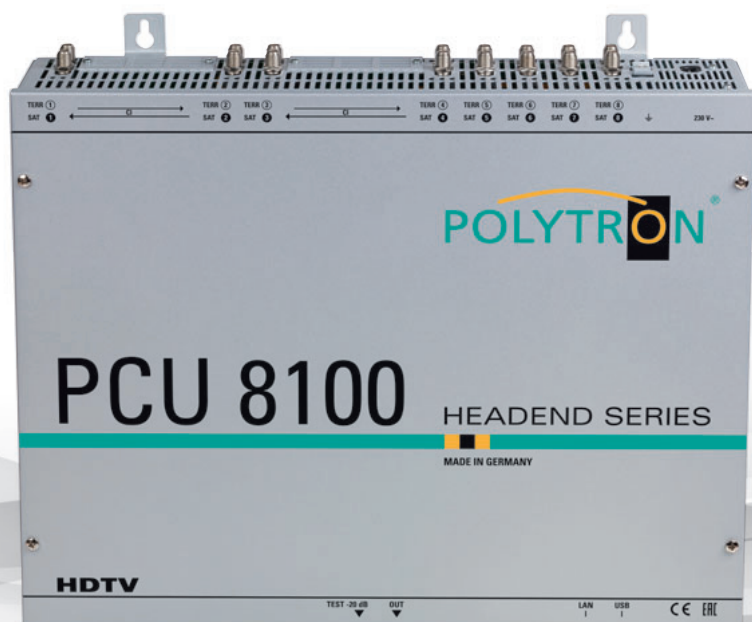


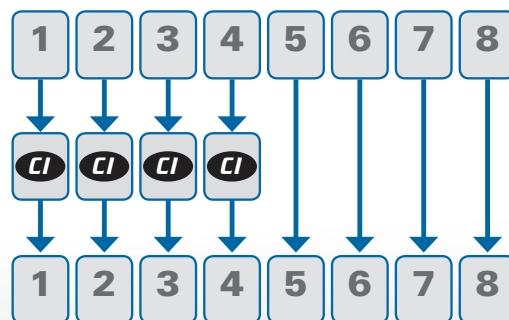


„May it be something more?“

New headend for the combined conversion of encrypted and FTA channels



DVB-S/S2, DVB-T/T2, DVB-C
Input channels



DVB-C / DVB-T
Output channels freely selectable



Made in Germany

4x CI



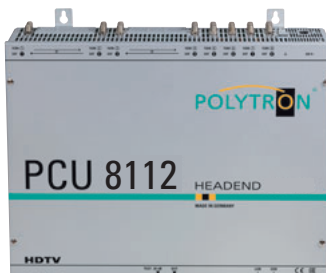
HDTV

NIT

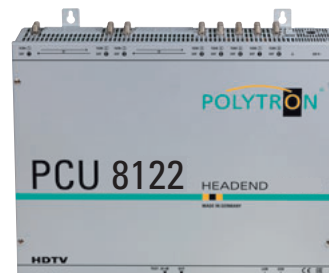
LCN

PID

8x DVB-S/S2/T/T2/C
8x DVB-C



8x DVB-S/S2/T/T2/C
8x DVB-T



The new POLYTRON compact headends PCU 8112 and PCU 8122 allow **combined processing of encrypted and free-to-air channels.**

Four of the eight channel strips are each provided with a CI interface for decoding encrypted signals. **The PCU 8112 and 8122 are used wherever PAY-TV and Free-to-Air channels are to be combined.**

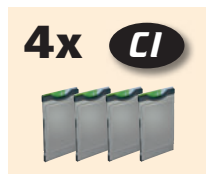
Application holiday countries:

Decrypted native programs combined with foreign language programs.

Application mixed reception:

Combination of satellite reception with local terrestrial stations.

Now build reception systems with PAY-TV and free-to-air channels and benefit from the simplified installation, simplified maintenance and more compact price compared to reception systems with two compact headends.

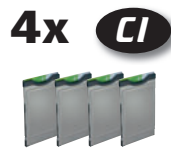


8x DVB-S2 DVB-T2
DVB-S DVB-T DVB-C



← program and maintain only 1 head end!

8x DVB-C / DVB-T



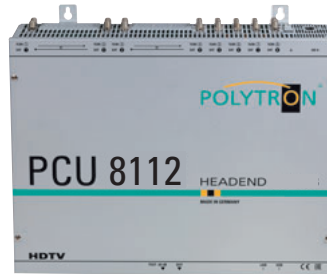
HDTV

NIT

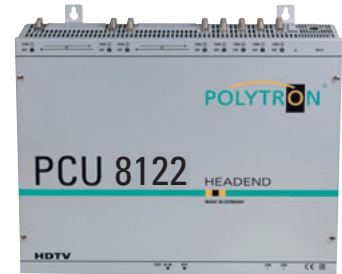
LCN

PID

8x DVB-S/S2/T/T2/C
8x DVB-C



8x DVB-S/S2/T/T2/C
8x DVB-T



Technische Daten / Specifications

Typ / Type	PCU 8112	PCU 8122
Artikel-Nr. / Article no.	5552270	5552275
Eingänge / Inputs		8
CI-Schnittstellen / CI slots		4
Eingangsspiegel / Input level		50...80 dBµV
Demodulator		
DVB-S/S2		
SR DVB-S / QPSK		1...45 MS/s
SR DVB-S2 / QPSK		1...45 MS/s
SR DVB-S2 / 8PSK		1...45 MS/s
Modulation		8PSK / QPSK
CR DVB-S / QPSK	1/4, 1/3, 2/5, 1/2, 3/5, 2/3, 3/4, 4/5, 5/6, 8/9, 9/10	
CR DVB-S2 / 8PSK	3/5, 2/3, 3/4, 5/6, 8/9, 9/10	
Roll off		0.35, 0.25, 0.20
DVB-T		
Modulation		QPSK, 16QAM, 64QAM
FFT		2K, 8K
Bandbreite / Channel bandwidth		7, 8 MHz
Code rate		1/2, 2/3, 3/4, 5/6, 7/8
Guard interval		1/4, 1/8, 1/16, 1/32
DVB-T2		
Modulation		QPSK, 16QAM, 64QAM, 256QAM
FFT		1K, 2K, 4K, 8K, 16K, 32K
Bandbreite / Channel bandwidth		7, 8 MHz
Code rate		1/2, 3/5, 2/3, 3/4, 4/5, 5/6
Guard interval		1/4, 5/32, 1/8, 5/64, 1/16, 1/32, 1/64, 1/128
DVB-C		
Modulation		16QAM, 32QAM, 64QAM, 128QAM, 256QAM
Symbol rate		7,2 MS/s
Bandbreite / Channel bandwidth		6, 7, 8 MHz
Ausgangsmodulation im Auslieferungszustand		
Output modulation ex works	umprogrammierbar auf / programmable to DVB-T	umprogrammierbar auf / programmable to DVB-C
Ausgangskanäle / Output channels	8	8
Frequenzbereich / Frequency range	112...862 MHz	112...862 MHz
Signal constellation	16, 32, 64, 128, 256 QAM	QPSK, 16, 32, 64 QAM
Symbol rate	1...7,2 MS/s	/
FEC	/	1/2, 2/3, 3/4, 5/6, 7/8
Bandbreite / Bandwidth	7 / 8 MHz	7 / 8 MHz
Anzahl der Träger / Number of carriers	/	2K
Ausgangsspiegel / Output level		90 dBµV
Regelbare Dämpfung je Kanal / Channel attenuation		0...12 dB
MER	≥ 40 dB	≥ 38 dB
Leistungsaufnahme / Power consumption	ca. 45 W	ca. 45 W
Spannungsversorgung / Operating voltage		180...265 V, 50/60 Hz
Maße (B x H x T) / Dimensions (W x H x D)		428 x 331 x 103 mm

Alle Angaben ohne Gewähr. Technische Änderungen oder Irrtümer vorbehalten. / All data without guarantee. Subject to change. Errors excepted.

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