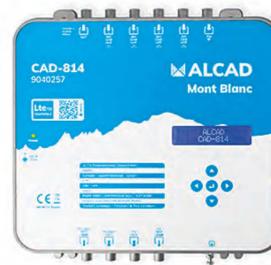


CAD-804 (Z19040256), CAD-814 (Z19040257) - Programm. ampli



CAD-804



CAD-814

CAD-804 (Z19040256)

CAD-814 (Z19040257)

High selectivity programmable amplifier to filter, convert and equalize up to 32 terrestrial channels. Ideal for home TV distribution or MATV systems.

Programmable amplifier with 4 UHF/BIII/DAB inputs, 1 FM/BI input and LTE700 compatible. Its 32 digital filters are easy to program thanks to the LCD 32-digit display with keypad and autosettings option. In addition, thanks to the Automatic Gain Control of the amplifier we can obtain a stable output level, which can be adjusted to our needs, without worrying about input signal fluctuations.

Moreover the chassis made of zamak gives the amplifier the maximum shielding and sturdiness.

Main Features:

- Output level 120 dB μ V
- 32 programmable filters with high selectivity
- LTE700 / No LTE
- Easy and fast autoconfiguration with display
- External power supply for easy maintenance
- 4 UHF/BIII/DAB inputs + 1 FM/BI input
- Channel conversion
- Automatic Gain Control with output level adjustment
- Extra gain regulation per channel
- Robust chassis made of zamak

SPECIFICA	CAD-804 (Z19040256)	CAD-814 (Z19040257)
TERRESTRIAL		
Inputs	4x UHF / BIII / DAB - 1x FM/BI	
Frequency range	UHF (470 ~ 862 Mhz) - BIII/DAB (170 ~ 240 MHz) - FM/BI (40 ~ 108 MHz)	
Programmable filters	32	
Number of channels per filter	1	
Input level	UHF (35 ~ 95 dB μ V) - BIII/DAB (170 ~ 240 dB μ V) - FM/BI (40~108 dB μ V)	
Selectivity	40 @ 1Mhz	
Maximum gain	UHF / BIII / DAB 35 ~ 80 dB - FM / BI 30dB	
Output level	1x 120 dB μ V (IM3 DIN 45004B-60dBc) - 95 ~ 115 dB adjustable	
Gain adjustment	UHF CAG (50 dB) - FM adjustable (30 dB)	
Equalization margin	UHF 0 ~ 10 dB	
Noise figure	< 6 dB	
SATELITE		
number of inputs	-	1
Frequency range	-	950 ~ 2150 Mhz
Input level	-	47 ~ 83 dB
Maximum gain	-	45 dB
Output level	-	118 dB μ V (IMD3 a -35 dB)
Gain adjustment	-	adjustable (20 dB)
Noise figure	-	< 7 dB
LNB power supply	-	0 / 13 18 / Bypass 350 mA 0 / 22 KHz
GENERAL		
Mains voltage	100 ~ 240Vac - 11W	100 ~ 240Vac - 13W
External voltage	9 Vdc - 1 A	9 Vdc - 1,2 A + LNB
Operating temperature	-10° ~ +60° C	
Dimensions	215 x 218.4 x 45 mm	
Protection index	IP31	