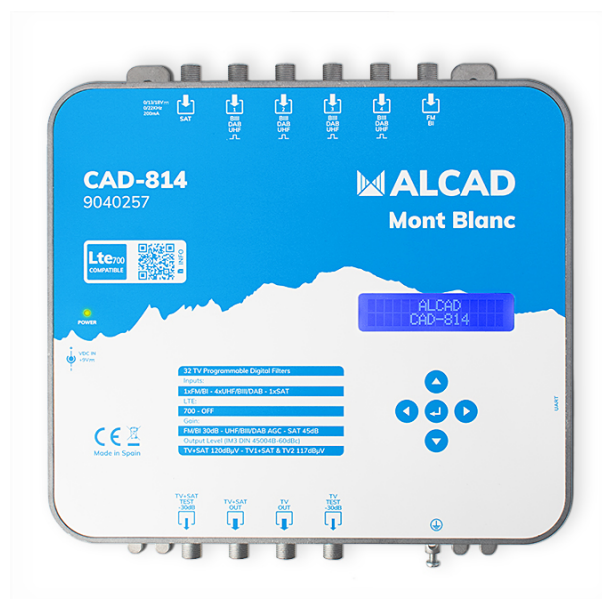


904 BROADBAND AMPLIFIERS

DIG PROG AMP TV-SAT MONT BLANC



Code : **9040257**

Model : **CAD-814**

Description

High selectivity programmable amplifier to filter, convert and equalize up to 32 terrestrial channels. It allows 1 or 2 outputs with equal output levels. It also has a broadband amplifier for 1 satellite polarity. Ideal for home TV distribution or MATV/SMATV systems.

Characteristics

Programmable amplifier with 4 UHF/BI/DAB inputs, 1 FM/BI input and 1 SAT input. LTE700 compatible. The SAT input is cable of supplying power to the LNB or let it pass through from the user's SAT receiver. 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.

CODIGO-CODE-CODE		9040256	9040257
MODELO-MODEL-MODELE		CAD-804	CAD-814
TERRESTRE-TERRESTRIAL-TERRESTRE			
Número de entradas Number of inputs Nombres d'entrées		4xUHF/BIII/DAB 1xFM/BI	4xUHF/BIII/DAB 1xFM/BI
Rango de frecuencias Frequency range Gamme de fréquences	MHz	UHF(470.. 694/862) BIII/DAB (170.. 240) FM/BI(40.. 108)	UHF(470.. 694/862) BIII/DAB (170.. 240) FM/BI(40.. 108)
Filtros programables Programmable filters Filtres programmables		32	32
Numero de canales por filtro Number of channels per filter Nombre de canaux par filtres		1	1
Nivel de entrada Input level Niveau d'entrée	dBμV	UHF/BIII/DAB 35.. 95 FM/BI 40.. 100	UHF/BIII/DAB 35.. 95 FM/BI 40.. 100
Selectividad Selectivity Sélectivité	dB	40 @ 1MHz	40 @ 1MHz
Ganancia máxima Maximum gain Gain maximal	dB	UHF/BIII/DAB 80 FM/BI 30	UHF/BIII/DAB 80 FM/BI 30
Nivel de salida Output level Niveau de sortie	dBμV	1x 120 (IM3 DIN45004b -60dBc) 95.. 115 ajustable	1x 120 /2x 117 (IM3 DIN45004b -60dBc) 95.. 115 ajustable
Regulación de ganancia Gain adjustment Réglage du gain	dB	UHF CAG (50) FM ajustable (30)	UHF CAG (50) FM ajustable (30)
Margen de ecualización Equalization margin Marge d'égalisation	dB	UHF 0.. 10	UHF 0.. 10
Figura de ruido Noise figure Facteur de bruit	dB	<6	<6

CODIGO-CODE-CODE		9040256	9040257
MODELO-MODEL-MODELE		CAD-804	CAD-814
SATELITE-SATELITE-SATELLITE			
Número de entradas Number of inputs Nombres d'entrées		-	1
Rango de frecuencias Frequency range Gamme de fréquences	MHz	-	950.. 2150
Nivel de entrada Input level Niveau d'entrée	dBµV	-	47.. 83
Ganancia máxima Maximum gain Gain maximal	dB	-	45
Nivel de salida Output level Niveau de sortie	dBµV	-	118 (IMD3 a -35dB)
Regulación de ganancia Gain adjustment Réglage du gain	dB	-	ajustable (20)
Figura de ruido Noise figure Facteur de bruit	dB	-	<7
Alimentación LNB LNB power supply Alimentation LNB	Vdc	-	0/13/18/Bypass
	mA	-	350
	KHz	-	0/22
GENERAL-GENERAL-GENERAL			
Tensión de red Mains voltage Tension de secteur	Vac	100.. 240	100.. 240
	W	11	13
Tensión externa External voltage Tension externe	Vdc	9	9
	A	1	1,2+LNB
Temperatura de funcionamiento Operating temperature Température de fonctionnement	°C	-10.. 60	-10.. 60
Dimensiones del producto Product dimensions Dimensions du produit	mm	215 x 218,4 x 45	215 x 218,4 x 45
Dimensiones del embalaje Packagin dimensions Dimensions de l'emballage	mm	315 x 225 x 65	315 x 225 x 65
Indice de protección Protection index Indice de protection		IP31	IP31