

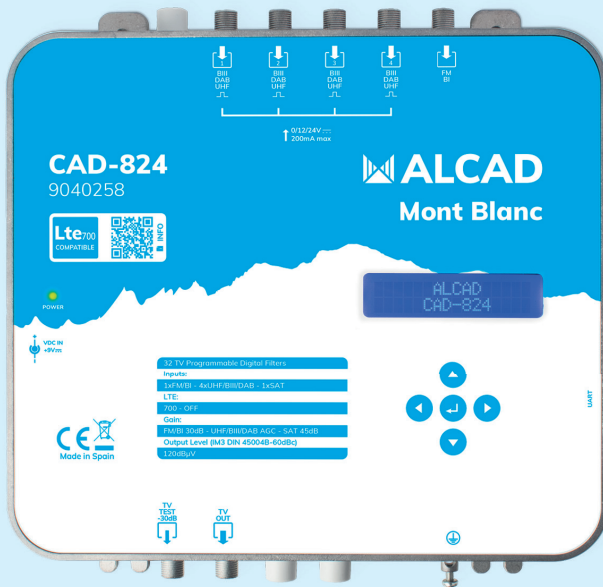
Output level*
120 dBμV

Digital programmable amplifiers with high output level and selectivity

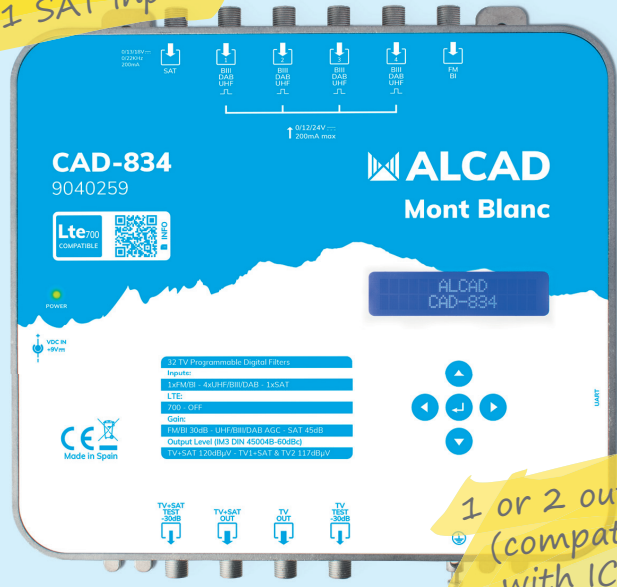
*DIN45004b -60dBc

Mont Blanc

CAD-824 model



CAD-834 model

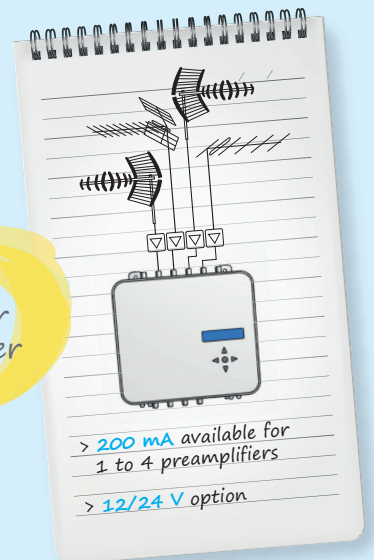


Technical characteristics

- ▶ 32 programmable filters with high selectivity.
- ▶ 12/24V remote power on all 4 UHF/BIII/DAB inputs.
- ▶ LTE700 / No LTE.
- ▶ Easy and fast **autoconfiguration**.
- ▶ **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.

New!

With most preamplifier remote power function



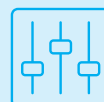
Innovative

Developed and manufactured by ALCAD in Spain



Resistant

Robust chassis made of zamak



Easy to use

Configurable with 32-digit display and push-button panel



LTE700

Maximum protection against interference from 5G



Turn it on,
program it...
and go!

9040258 / CAD-824

9040259 / CAD-834

TERRESTRIAL

		9040258 / CAD-824	9040259 / CAD-834
Number of inputs		4xUHF/BIII/DAB 1xFM/BI	4xUHF/BIII/DAB 1xFM/BI
Frequency range	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)
Programmable filters		32	32
Number of channels per filter		1	1
Input level	dB μ V	UHF/BIII/DAB 45.. 95 (with remote power) UHF/BIII/DAB 35.. 95 (without remote power) FM/BI 40.. 100	UHF/BIII/DAB 45.. 95 (with remote power) UHF/BIII/DAB 35.. 95 (without remote power) FM/BI 40.. 100
Remote power	Vdc	12/24	12/24
	mA	200 (max. 4 entr.)	200 (max. 4 entr.)
Selectivity	dB	40 @ 1MHz	40 @ 1MHz
Maximum gain	dB	UHF/BIII/DAB 80 FM/BI 30	UHF/BIII/DAB 80 FM/BI 30
Output level	dB μ V	1x 120 (IM3 DIN45004b -60dBc) 95.. 115 adjustable	1x 120 /2x 117 (IM3 DIN45004b -60dBc) 95.. 115 adjustable
Gain adjustment	dB	UHF CAG (50) FM adjustable (30)	UHF CAG (50) FM adjustable (30)
Equalization margin	dB	UHF 0.. 10	UHF 0.. 10
Noise figure	dB	<6	<6

SATELLITE

		9040258 / CAD-824	9040259 / CAD-834
Number of inputs		-	1
Frequency range	MHz	-	950.. 2150
Input level	dB μ V	-	47.. 83
Maximum gain	dB	-	45
Output level	dB μ V	-	118 (IMD3 α -35dB)
Gain adjustment	dB	-	adjustable (20)
Noise figure	dB	-	<7
LNB power supply	Vdc	-	0/13/18/Bypass
	mA	-	350
	KHz	-	0/22

GENERAL

		9040258 / CAD-824	9040259 / CAD-834
Mains voltage	Vac	100.. 240	100.. 240
	W	11	13
External voltage	Vdc	9	9
	A	1	1,2+LNB
Operating temperature	$^{\circ}$ C	-10.. 60	-10.. 60
Dimensions	mm	215 x 218,4 x 45	215 x 218,4 x 45
Protection index		IP31	IP31