



ALCAD

AMPLIFICADOR MULTIBANDA TV-SAT
MULTIBAND SAT-TV AMPLIFIER
AMPLIFICATEUR MULTIBANDE TV-SAT



SERIE 904 SERIES

CODIGO-CODE-CODE		9040077					
MODELO-MODEL-MODELE		CA-720					
Número de entradas Number of inputs Nombre d'entrées		6					
Rango de frecuencia Frequency range Gamme de frequences	Band	BI/FM	BIII/DAB	UHF1	UHF2	UHF3	SAT
	MHz	47-108	160-254	470 - 862			950-2150
Ganancia Gain Gain	dB ±TOL	41 ± 2,0		51 ± 2,0			45 ± 2,0
Regulación de ganancia Gain adjust Réglage de gain	dB	20					
Ecuación fija Fixed equalization Pente fixe	dB	-					5
Margen de ecuación Adjustable equalization range Plage de réglage de pente	dB	-					7
Nivel de salida Output level Niveau de sortie	dB	122 DIN 45004B 119 (IMD ₃ -60 dB) 112 (IMD ₂ -60 dB)					120 (IMD ₂ -35 dB) 110 (IMD ₂ -35 dB)
Figura de ruido Noise figure Facteur de bruit	dB	10 ± 1,0		9 ± 1,0			10 ± 1,0
Tensión de salida Output voltage Tension de sortie	V _{DC} mA	24 Auto 60					- -
Pérdidas de retorno Return loss Pertes de retour	dB	≥ 14					
Alimentación de la LNB Power supply of the LNB Alimentation de la LNB	V _{DC} mA Tone	-					+13/+18 350 max 0/22 KHz

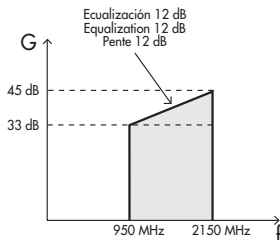
DIN 45004B: 3 unequal carriers, IMD₃ at 60 dB
 IMD₃ -60 dB: 2 equal carriers, EN 50083-3
 IMD₂ -60 dB: 2 equal carriers, EN 50083-3

IMD₃ -35 dB: 2 equal carriers, EN 50083-3
 IMD₂ -35 dB: 2 equal carriers, EN 50083-3

CODIGO-CODE-CODE		9040077
MODELO-MODEL-MODELE		CA-720
Fusible	V~	250
Fuse	A	1,6 (Type F)
Fusible		
Tensión de red	V~	230 ±15% 50/60 Hz
Mains voltage	VA	32
Tension du secteur		
Temperatura en proximidad del equipo	°C	-10..+65
Operating temperature close to equipment		
Température en proximité de l'équipement		
Temperatura ambiente con/sin ventilador	°C	-10..+55/+45
Room temperature with/without fan		
Température ambiante avec ou sans ventilateur		
Índice de protección		IP 50D
Protection index		
Indice de protection		

Data published in compliance with the definitions and measurement methods of the following standards: EN 50083-3, EN 50083-4 and EN 50083-5

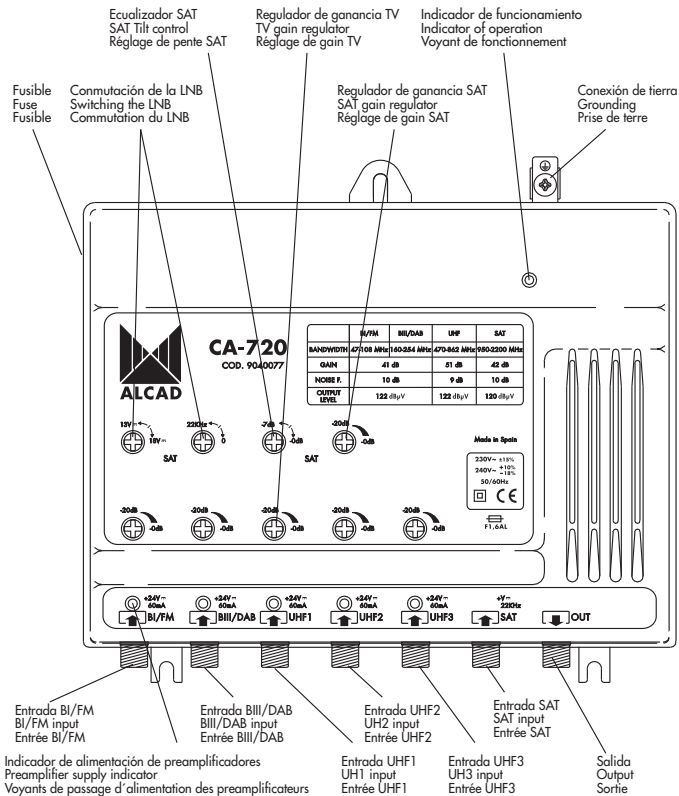
GANANCIA
GAIN
GAIN



AMPLIFICADOR CA-720

AMPLIFIER CA-720

AMPLIFICATEUR CA-720

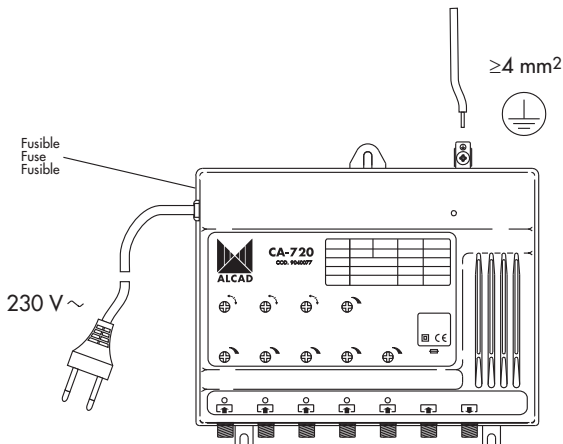


REDUCCIÓN DEL NIVEL DE SALIDA
 REDUCTION OF THE OUTPUT LEVEL
 REDUCTION DU NIVEAU DE SORTIE

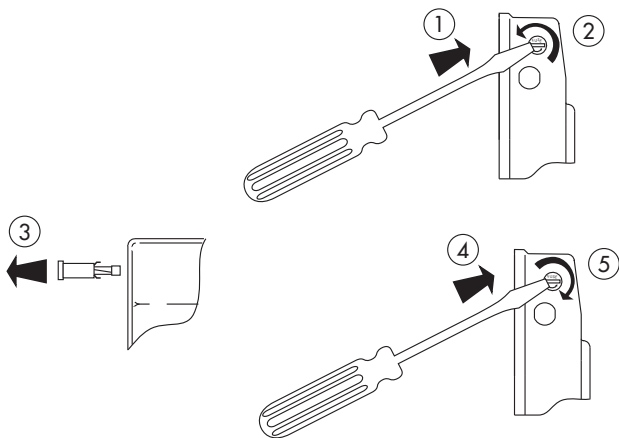
Canales Channels Canaux	NIVEL DE SALIDA / OUTPUT LEVEL / NIVEAU DE SORTIE											
	2	3	4	5	6	7	8	9	10	11	12	
Nivel máximo TV Maximun TVlevel Niveau maximun TV	dB μ V	122	119	118	117	116	116	115	115	114	114	114
Nivel máximo SAT Maximun SAT level Niveau maximun SAT	dB μ V	120	117	116	115	114	114	113	113	112	112	112

DIN 45004B

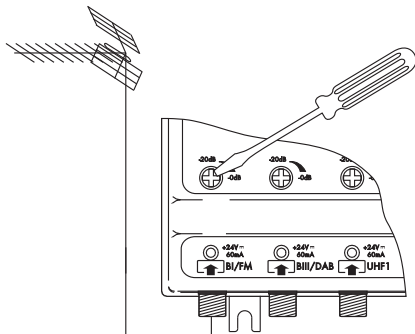
CÓMO ALIMENTAR EL AMPLIFICADOR
 HOW TO FEED THE AMPLIFIER
 COMMENT ALIMENTER L'AMPLIFICATEUR



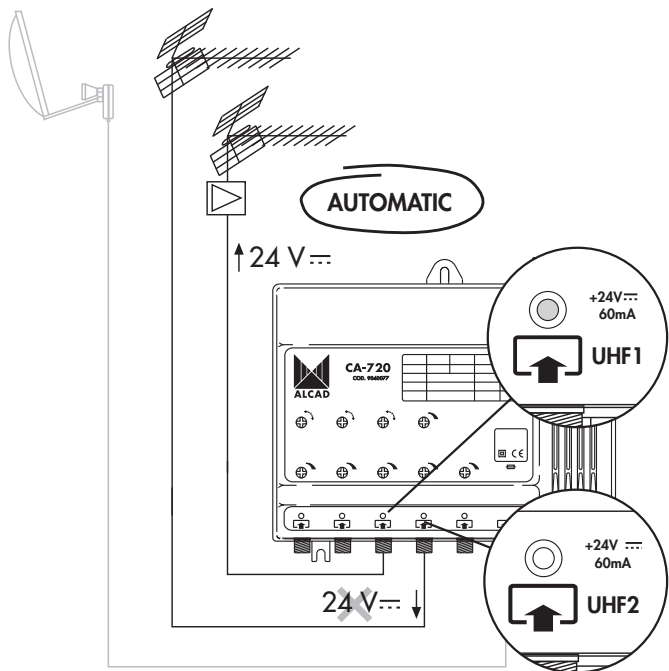
SUSTITUCIÓN DEL FUSIBLE
FUSE REPLACEMENT
REPLACEMENT DU FUSIBLE



CÓMO AJUSTAR LAS ENTRADAS
ADJUSTMENT OF THE INPUTS
REGLAGE DES ENTREES

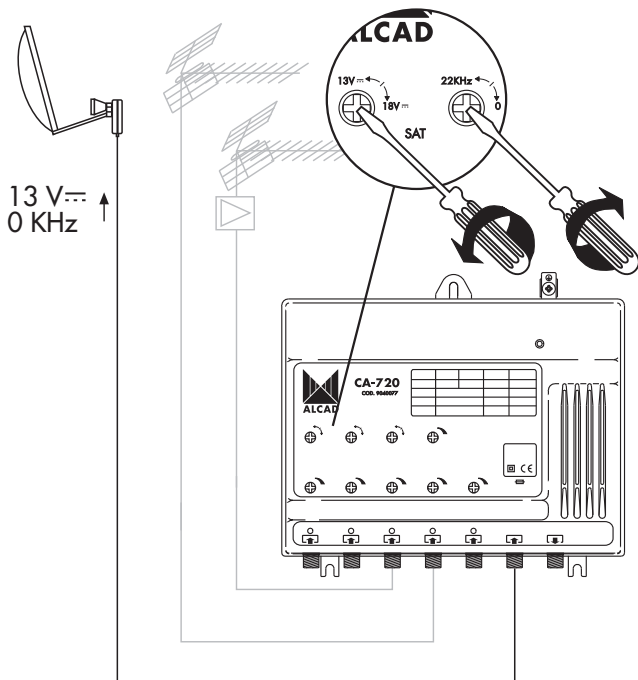


CÓMO ALIMENTAR PREAMPLIFICADORES
HOW TO FEED PREAMPLIFIERS
COMMENT ALIMENTER DES PREAMPLIFICATEURS

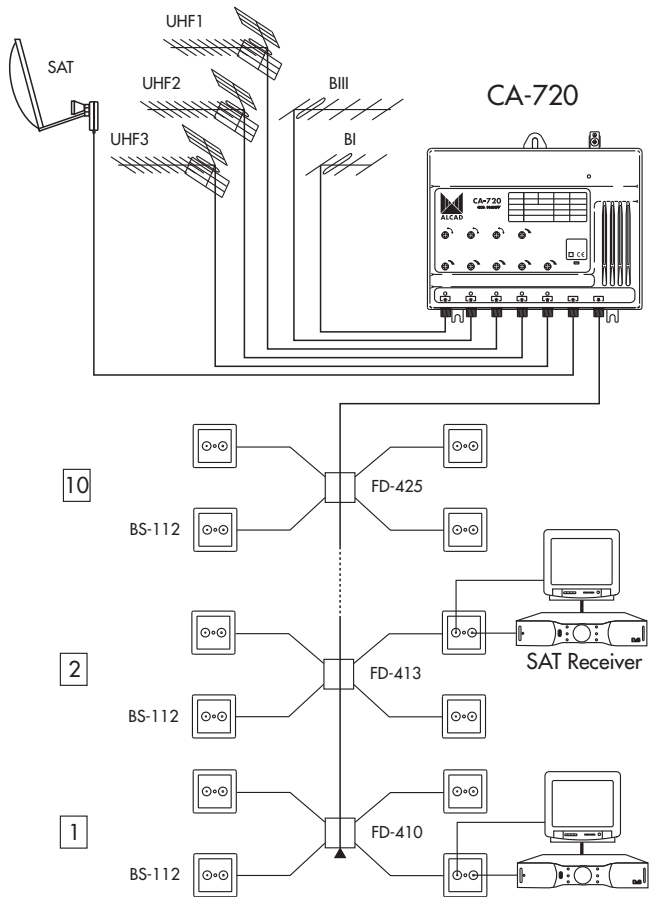


CÓMO ALIMENTAR LA LNB
HOW TO FEED THE LNB
COMMENT ALIMENTER LA LNB

Control Control Contrôle	HOR LOW	VER LOW	VER HIGH	HOR HIGH
V...	18	13	13	18
22 KHz	OFF	OFF	ON	ON



ESQUEMA TÍPICO
CONNECTION DIAGRAM
SCHEMA DE CONNEXION





DECLARATION OF CONFORMITY

according to EN ISO/IEC 17050-1:2004

Manufacturer's Name: ALCAD, S.A.
Manufacturer's Address: Pol. Ind. Arreche-Ugalde, 1
Apdo. 455
20305 IRUN (Guipúzcoa)
SPAIN

declares that the product

Product Name: 904 Series: AMPLIFIERS
Model Number(s): CA-720

Product Option(s): INCLUDING ALL OPTIONS

is in conformity with:

Safety: EN 50083-1:1993

EMC: EN 50083-2:2001

Supplementary Information:

The product herewith complies with the requirements of the Low Voltage Directive 2006/95/EC and the EMC Directive 2004/108/EC.

Note: to comply with these directives, do not use the products without covers and operate the system as specified.

CE

Irún,

15-10-07

Date

Anton Galarza / General Manager

Especificaciones sujetas a modificación sin previo aviso
Specifications subject to modifications without prior notice
Les spécifications sont soumises à de possible modifications sans avis préalable



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ISO 9001

