



ALCAD

AMPLIFICADORES MULTIBANDA
MULTIBAND AMPLIFIERS
AMPLIFICATEURS MULTIBANDE



SERIE 904 SERIES

CODIGO-CODE-CODE		9040017			9040025		
MODELO-MODEL-MODELE		DA-711			DA-713		
Rango de frecuencia Frequency range Gamme de frequences	Band MHz	RETURN 5-30	TV 47-862	SAT 930-2150	RETURN 5-65	TV 86-862	SAT 930-2150
Ganancia Gain Gain	dB	4 ± 0,5	34 ± 1,0	41 ± 2,5	6 ± 0,5	34 ± 1,0	41 ± 2,5
Regulación de ganancia Gain adjust Réglage de gain	dB	-	20	15	-	20	15
Ecuación fija Fixed equalization Pente fixe	dB	2,5	-	1,5 ± 1,5	3,5	-	1,5 ± 1,5
Margen de ecuación Adjustable equalization range Plage de réglage de pente	dB	-	17	10	-	16	10
Test de salida Output test point Sortie test	dB	30 ± 0,5	30 ± 2,0		30 ± 0,5	30 ± 2,0	
Nivel de salida Output level Niveau de sortie	dB	107 DIN 45004B 104 (IMD ₃ -60 dB) 90 (IMD ₂ -60 dB)	120 DIN 45004B 117 (IMD ₃ -60 dB) 110 (IMD ₂ -60 dB) 105 (CTB -60 dB) 105 (CSO -60 dB) 104 (XMOD -60 dB)	120 (IMD ₃ -35 dB) 110 (IMD ₂ -35 dB)	107 DIN 45004B 104 (IMD ₃ -60 dB) 90 (IMD ₂ -60 dB)	120 DIN 45004B 117 (IMD ₃ -60 dB) 110 (IMD ₂ -60 dB) 105 (CTB -60 dB) 105 (CSO -60 dB) 104 (XMOD -60 dB)	120 (IMD ₃ -35 dB) 110 (IMD ₂ -35 dB)
Pérdidas de retorno E/S Return loss I/O Pertes de retour E/S	dB	≥14	≥10	≥9	≥14	≥10	≥9
Figura de ruido Noise figure Facteur de bruit	dB	≤7		≤10	≤7		≤10

DIN 45004B: 3 unequal carriers, IMD₃ at 60 dB

IMD₃ -60 dB: 2 equal carriers, EN 50083-3

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

IMD₂ -60 dB: 2 equal carriers, EN 50083-3

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

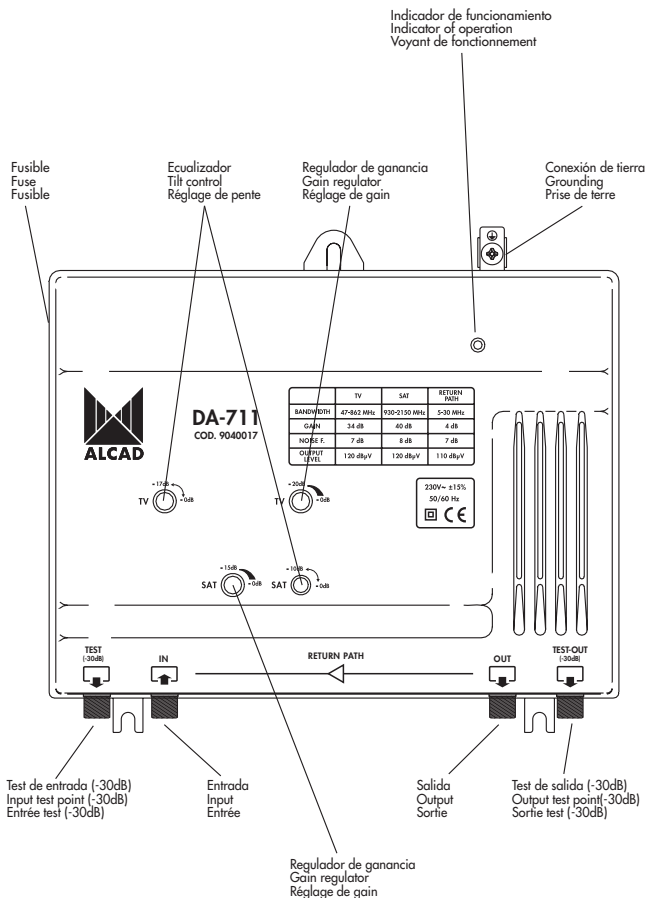
CTB -60 dB: 42 equal carriers, EN 50083-3

CSO -60 dB: 42 equal carriers, EN 50083-3

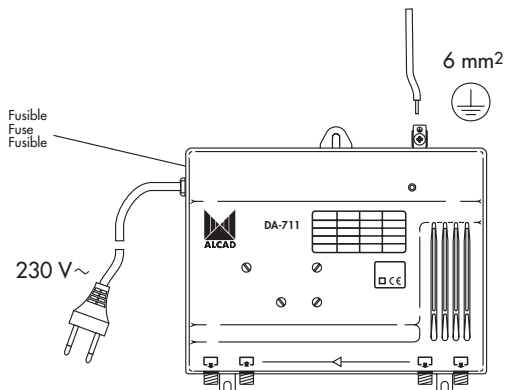
XMOD -60 dB: 42 equal carriers, EN 50083-3

CÓDIGO-CODE-CODE		9040017	9040025
MODELO-MODEL-MODELE		DA-711	DA-713
Fusible	V~	250	
Fuse	A	1,6 (Type F)	
Fusible			
Tensión de red	V~	230 ±15% 50/60 Hz	
Mains voltage	VA	12	
Tension du secteur			
Temperatura de funcionamiento	°C	-20 ... +65	
Operating temperature			
Température de fonctionnement			
Índice de protección		IP 50D	
Protection index			
Indice de protection			

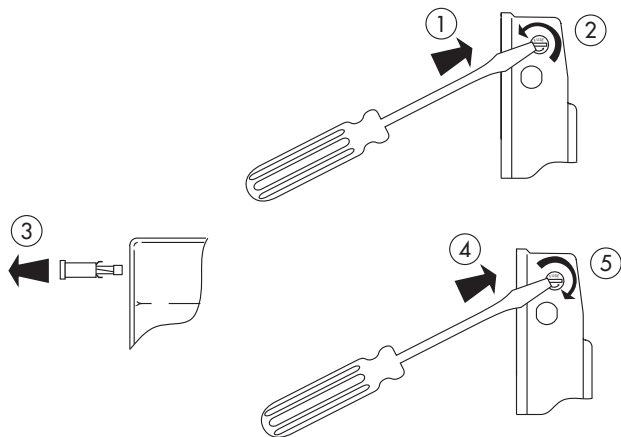
AMPLIFICADOR DA-711
 AMPLIFIER DA-711
 AMPLIFICATEUR DA-711



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

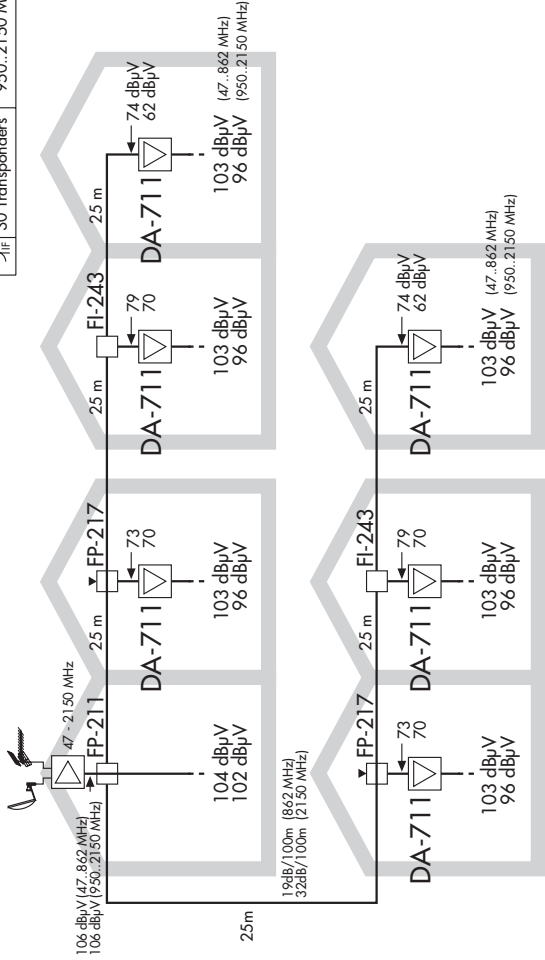


SUSTITUCIÓN DEL FUSIBLE
FUSE REPLACEMENT
REPLACEMENT DU FUSIBLE



ESQUEMAS TÍPICOS
 CONNECTION DIAGRAMS
 SCHEMAS DE CONNEXION

10 Channels	47..862 MHz
20 Channels	47..862 MHz
30 Transponders	950..2150 MHz





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): DA-711, DA-713

Product Option(s): INCLUDING ALL OPTIONS

is in conformity with:

Safety: EN 50083-1:1993

EMC: EN 50083-2:2001

EN 61000-6-1:2001

EN 61000-4-2:1995 ESD 15KV AD, 8KV CD.

EN 61000-4-4:1995 EFT 4KV-2,5KHz Sig. Lines, 4KV-2,5KHz Power Lines.

EN 61000-4-5:1995 CWG 1KV Power Lines.

EN 61000-4-11:1994 Dips and Variation.

Technical Features : EN50083-3:2002

Supplementary Information:

The product herewith complies with the requirements of the Low Voltage Directive 73/23/ECC and the EMC Directive 89/336/EEC and their relevant amendments, gathered under the directive 93/68/EEC.

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



Irún,

06-09-06

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

