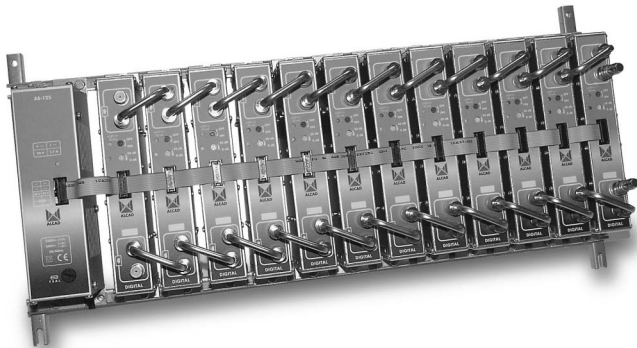




ALCAD

EQUIPO DE AMPLIFICACIÓN MODULAR
MODULAR AMPLIFIER SYSTEM
SYSTÈME D'AMPLIFICATION MODULAIRE



SERIE 905 SERIES

AMPLIFICADOR MONOCANAL - MONOCHANNEL AMPLIFIER - AMPLIFICATEUR MONOCANAL

CÓDIGO-CODE-CODE		9050035	9050106	9050074			9050022
MODELO-MODEL-MODELE		ZG-211	ZG-212	ZG-611			ZG-431
Sistema de TV TV system Système de TV		FM-R	DAB	DVB-T AM TV			DVB-T AM TV
Número de canales Number of channels Nombre de canaux		-	-	1			1
Rango de frecuencia Frequency range Gamme de fréquences	Band	FM	DAB-T 7B-13B	BI	BIII	BS	UHF
	MHz	87,5-108	190-233	42-70	174-231	68-175 230-470	470-862
Ganancia Gain Gain	dB ±TOL	53 ±3,0	50 ±3,0	52 ±3,0			
Regulación de ganancia Gain adjust Réglage de gain	dB	30					
Nivel máximo de salida Maximum output level Niveau maximal de sortie	dB μ V	2x 109,0 DIN 45004B	2x 109,0 DIN 45004B	2x 123,5 DIN 45004K 2x 123,5 (IMD ₃ -54 dB) AM TV 2x 118,5 (IMD ₃ -35 dB) DVB-T			123,0 DIN 45004K 123,0 (IMD ₃ -54 dB) AM TV 118,0 (IMD ₃ -35 dB) DVB-T
Selectividad Selectivity Sélectivité	$C_n - C_{n\pm 1}$ $C_n - C_{n\pm 2}$ $C_n - C_{n\pm 3}$ $f_c - f_c \pm 4$ MHz $f_c - f_c \pm 12$ MHz	dB	- - - - -	- - - - 30	- 34 50 - 27	- 30 45 - 25	20 65 - 6 60
Tensión de salida Output voltage Tension de sortie	V $_{--}$ mA	- -	24 33				
Alimentación Power supply Alimentation	V $_{--}$ mA	24 80					

AM TV $C_n - C_{n\pm 1}$: $C_{Vn} - C_{An-1} / C_{An} - C_{Vn+1}$ (Cv video carrier, Ca audio carrier)
 $C_n - C_{n\pm 2}$: $C_{Vn} - C_{An-2} / C_{An} - C_{Vn+2}$ (Cv video carrier, Ca audio carrier)
 $C_n - C_{n\pm 3}$: $C_{Vn} - C_{An-3} / C_{An} - C_{Vn+3}$ (Cv video carrier, Ca audio carrier)

DVB-T $f_c - f_c \pm 4$ MHz: (f_c center frequency)
 $f_c - f_c \pm 12$ MHz: (f_c center frequency)

DIN 45004K: 3 unequal carriers, IMD₃ at 54 dB
DIN 45004B: 3 unequal carriers, IMD₃ at 60 dB
IMD₃-54 dB: 3 unequal carriers, EN 50083-5
IMD₃-60 dB: 3 unequal carriers, EN 50083-5
IMD₃-35 dB: 2 equal carriers

ALIMENTADOR - POWER SUPPLY - ALIMENTATION

CÓDIGO-CODE-CODE		9050083	
MODELO-MODEL-MODELE		AS-125	
Tensión de salida Output voltage	V \dots	+24	
Tensión de sortie	mA	1700	
Tensión de red Mains voltage	V \sim	230 \pm 15% 50/60 Hz	240 $^{+10\%}_{-18\%}$ 50/60 Hz
Tensión sector	VA	70	

Protegido contra cortocircuitos
Protected against short-circuits
Protégée contre les court-circuits

EQUIPO COMPLETO - COMPLETE SYSTEM - ÉQUIPEMENT COMPLET

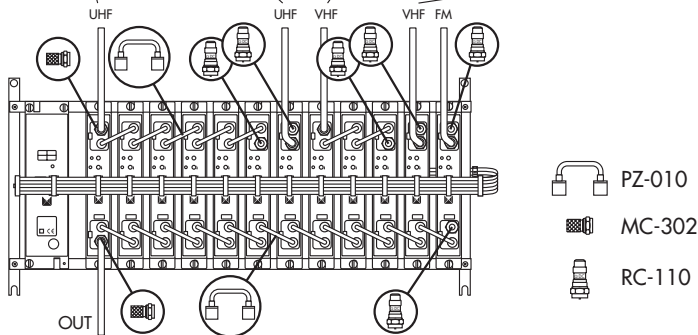
		905-ZG SERIES	
Temperatura en proximidad del equipo Operating temperature close to equipment Température en proximité de l'équipement	° C	-10 .. +65	
Temperatura ambiente con/sin ventilador Room temperature with/without fan Température ambiante avec ou sans ventilateur	° C	-10 .. +55/+45	
Índice de protección Protection index Indice de protection		IP 20	

Antena con varios canales
Aerial with several channels
Antenne avec plusieurs canaux

Antena con un canal
Aerial with one channel
Antenne avec un canal

Antena con varios canales
Aerial with several channels
Antenne avec plusieurs canaux

Antena con un canal
Aerial with one channel
Antenne avec un canal





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: 905 Series: MODULAR AMPLIFIERS
Model Number(s): ZG-211, ZG-212, ZG-611, ZG-431, AS-125

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 : EN50083-5:2001

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,

25-05-06

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

