



AMPLIFICADOR FI
IF AMPLIFIER
AMPLIFICATEUR BIS



SERIE 905 SERIES

AMPLIFICADOR FI - IF AMPLIFIER - AMPLIFICATEUR BIS

CÓDIGO-CODE-CODE		9050116
MODELO-MODEL-MODELE		ZF-712
Entradas/Salidas Inputs/Outputs Entrées/Sorties		1/1
Rango de frecuencia Frequency range Gamme de fréquences	Band	SAT
	MHz	950 - 2150
Ganancia Gain Gain	dB	45 ±1,0
Regulación de ganancia Gain adjustment Réglage du gain	dB	20
Márgen de ecualización Adjustable equalization range Plage réglage de pente	dB	10 Switchable
Atenuación entrada extensión Extension input loss Attenuation a l'entrée d'extension	dB	2,0 ±0,5
Nivel de salida Output level Niveau de sorties	dB μ V	123 (IMD ₃ -35 dB)
		115 (IMD ₂ -35 dB)
Alimentación de la LNB Power supply of the LNB Alimentation de la LNB	V \pm mA Tone	+13 / 0 / +18 350 max 0 / 22 KHz
Figura de ruido Noise figure Facteur de bruit	dB	7,0 ±1,0
Alimentación Power supply Alimentation	V \pm	24
	mA	145 + LNB ⁽¹⁾

IMD₃ -35 dB: 2 equal carriers, EN 50083-5

IMD₂ -35 dB: 2 equal carriers, EN 50083-5

⁽¹⁾ El alimentador debe alimentar también la LNB (consumo entre 150 y 250 mA).

⁽¹⁾ The power supply must also feed the LNB (consumption between 150 and 250 mA).

⁽¹⁾ L'alimentation doit alimenter aussi la LNB (consommation entre 150 et 250 mA).

ALIMENTADOR - POWER SUPPLY - ALIMENTATION

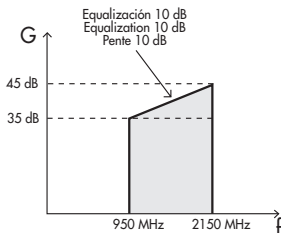
CÓDIGO-CODE-CODE		9050083	
MODELO-MODEL-MODELE		AS-125	
Tensión de salida Output voltage Tension de sortie	V \cdots	+24	
	mA	1700	
Tensión de red Mains voltage Tension secteur	V \sim	230 \pm 15% 50/60 Hz	240 $^{+10\%}_{-18\%}$ 50/60 Hz
	VA	70	

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

EQUIPO COMPLETO - COMPLETE SYSTEM - ÉQUIPEMENT COMPLET

		905-ZF 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	

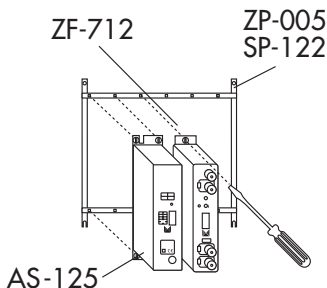
GANANCIA
GAIN
GAIN



CÓMO MONTAR LOS MÓDULOS

HOW TO MOUNT THE MODULES

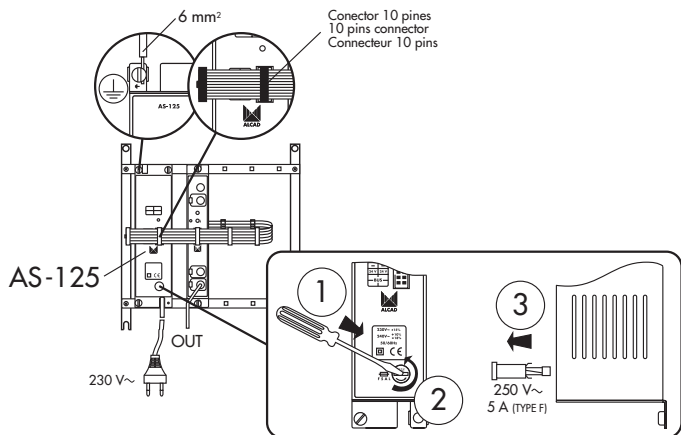
COMMENT MONTER LES MODULES



CÓMO ALIMENTAR EL EQUIPO Y SUSTITUIR EL FUSIBLE

SUPPLYING POWER TO THE EQUIPMENT AND REPLACING THE FUSE

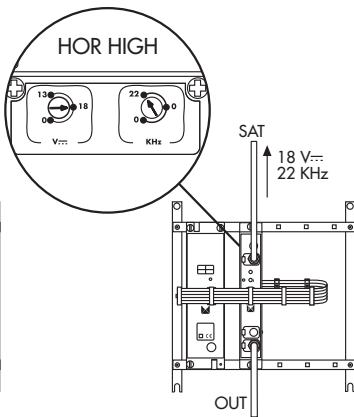
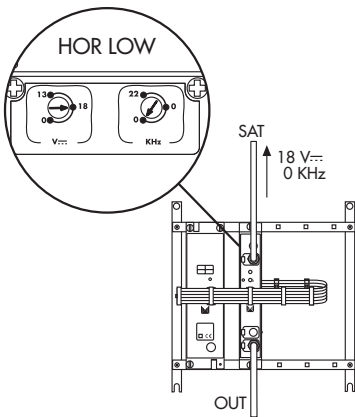
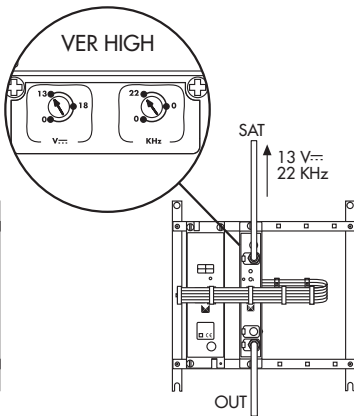
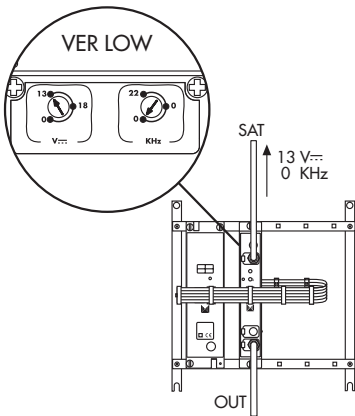
COMMENT ALIMENTER LE SYSTÈME ET REPLACER LE FUSIBLE



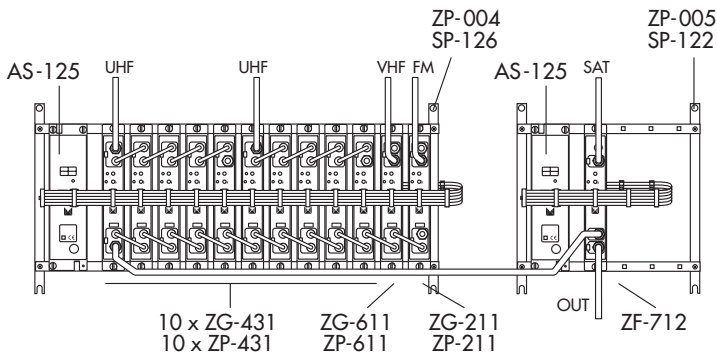
CONMUTACIÓN DE LA LNB

SWITCHING THE LNB

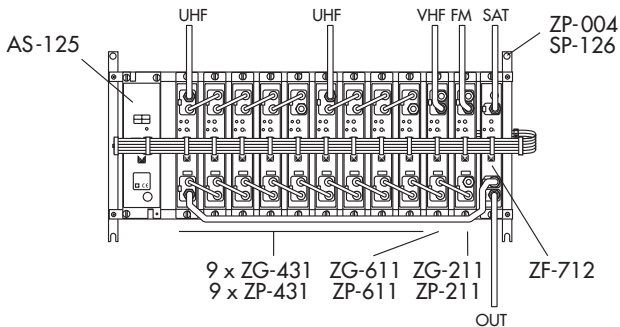
COMMUTATION DU LNB



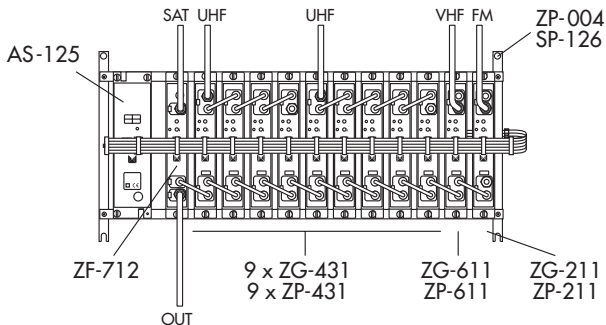
ESQUEMAS TÍPICOS
 CONNECTION DIAGRAMS
 SCHEMAS DE CONNEXION



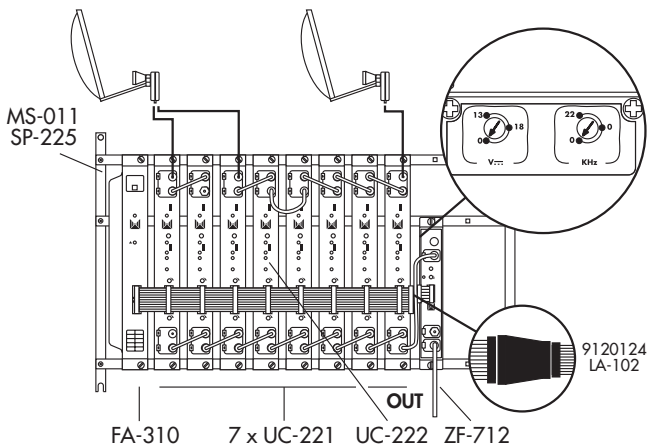
ESQUEMAS TÍPICOS
 CONNECTION DIAGRAMS
 SCHEMAS DE CONNEXION



ESQUEMAS TÍPICOS
 CONNECTION DIAGRAMS
 SCHEMAS DE CONNEXION



INSTALACIÓN DEL ZF-712 EN UNA CABECERA 912-UC
 INSTALLATION OF THE ZF-712 MODULE IN A 912-UC HEAD-END
 INSTALLATION DU ZF-712 DANS UNE STATION TÊTE 912-UC





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: AMPLIFIERS

Model Number(s): ZF-712, 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,

25-09-06

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



ALCAD, S.A.
Tel. 943 63 96 60
Fax 943 63 92 66
Int. Tel. +34 - 943 63 96 60
info@alcad.net
Apdo. 455 - Pol. Ind. Arreche-Ugalde, 1
20305 IRUN - Spain

www.alcad.net

FRANCE - Hendaye
Tel. 00 34 - 943 63 96 60

GERMANY - Munich
Tel. 089 55 26 480

CZECH REPUBLIC - Ostroavice
Tel. 546 427 059

UNITED ARAB EMIRATES - Dubai
Tel. 971 4 887 19 50

POLAND - Cieszyn
Tel. 48 33 851 06 35



ISO 9001

