



- ▶ AMPLIFICADOR FI
- ▶ IF AMPLIFIER
- ▶ AMPLIFICATEUR BIS
- ▶ AMPLIFICADOR FI
- ▶ ZF VERSTÄRKER



SERIE/RANGE 905

CARACTERISTICAS PRINCIPALES		
MAIN FEATURES		
PRINCIPALES CARACTERISTIQUES		
CARACTERISTICAS PRINCIPAIS		
WESENTLICHE KENNZEICHEN		
CODIGO-CODE-CODE-CODIGO-CODE		9050045
TIPO-TYPE-TYPE-TIPO-TYP		ZF-701
RANGO DE FRECUENCIAS FREQUENCY RANGE GAMME DE FREQUENCE GAMA DE FREQUENCIAS FREQUENZBEREICH	Band	SAT
	MHz	950 - 2150
GANANCIA GAIN GAIN GANHO VERSTÄRKUNG	dB	40
REGULACION DE GANANCIA GAIN ADJUST REGLAGE DE GAIN REGULAÇÃO DO GANHO VERSTÄRKUNGSGRAD-REGELUNG	dB	20
ECUALIZACIÓN FIJA FIXED EQUALIZATION PENTE FIXE EQUALIZAÇÃO FIJA FEST EINGESTELLTE ENTZERRUNG	dB	10
NIVEL DE SALIDA OUTPUT LEVEL NIVEAU DE SORTIE NIVEL DE SAIDA AUSGANGSPEGEL	dB μ V	120 IMD ₃ -35 dB
FIGURA DE RUIDO NOISE FIGURE FACTEUR DE BRUIT FIGURA DE RUIDO RAUSCHMAß	dB	< 8
TENSIÓN DE SALIDA LNB LNB OUTPUT VOLTAGE TENSION DE SORTIE LNB TENSÃO DE SAIDA LNB LNB AUSGANGSSPANNUNG	V $\ddot{=}$	13,5
	22KHz	ON/OFF
ALIMENTACIÓN POWER SUPPLY ALIMENTATION ALIMENTAÇÃO NETZTEIL	V $\ddot{=}$	24
	mA	130 + LNB ⁽¹⁾

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

- (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).
(1) O alimentador deve alimentar também o LNB (consumo entre 150 e 250 mA).
(1) Das Netzteil muss auch die LNB speisen (zwischen 150 und 250 mA).

**ALIMENTADOR
POWER SUPPLY
ALIMENTATION
ALIMENTAÇÃO
NETZTEIL**

CODIGO-CODE-CODE-CODIGO-CODE		9050000	9050055
TIPO-TYPE-TYPE-TIPO-TYP		AS-102 ⁽¹⁾	AP-101 ⁽¹⁾
TENSION DE SALIDA OUTPUT VOLTAGE TENSION DE SORTIE TENSÃO DE SAÍDA AUSGANGSPEGEL	V $\overline{\text{--}}$	+24	+24
	mA	1100	500
TENSION DE RED MAINS VOLTAGE TENSION SECTEUR TENSÃO DE REDE EINGANGSSPANNUNG	V \sim	230 \pm 15% 50/60 Hz	
	VA	35	
TEMPERATURA DE FUNCIONAMIENTO OPERATING TEMPERATURE TEMPERATURE DE FONCTIONNEMENT TEMPERATURA DE FUNCIONAMENTO BETRIEBSTEMPERATUR	°C	-10 .. +65	-
INDICE DE PROTECCION PROTECTION INDEX INDICE DE PROTECTION INDICE DE PROTECÇÃO SCHUTZKLASSE		IP 20	-

⁽¹⁾ Protegido contra cortocircuitos. AP-101, desconectar de la red durante 1 minuto y conectar de nuevo.

⁽¹⁾ Protected against short-circuits. AP-101, unplug from the mains 1 minute and plug it again.

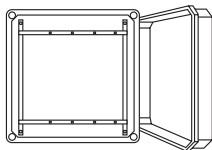
⁽¹⁾ Protégée contre les court-circuits. AP-101, débranchez du secteur 1 minute et branchez a nouveau.

⁽¹⁾ Protegida contra curto-circuitos. AP-101, desligar da rede 1 minuto e voltar a ligar de novo.

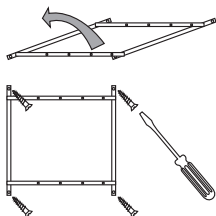
⁽¹⁾ Kurzschluss-geschützt. AP-101, Für 1 Minute Netzstecker ziehen, dann wieder ans Netz schließen.

- ▶ MARCO SOPORTE Y COFRE
- ▶ FIXING FRAME AND HOUSING
- ▶ CADRE DE MONTAGE ET COFFRET
- ▶ BASTIDOR E ARMARIO
- ▶ MONTAGERAHMEN UND MONTAGESCHRANK

CP-002
CP-006
CP-005

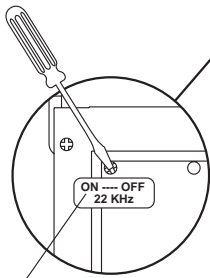


ZP-003
ZP-006
ZP-005



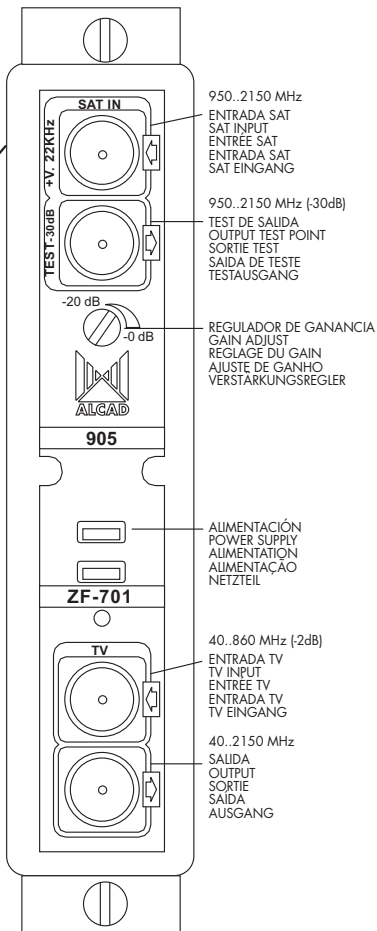
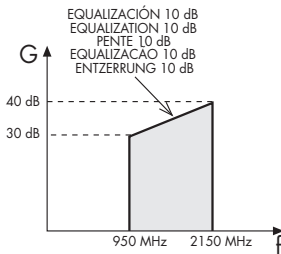
9050003	CP-002	AP + 2 x ZF
9050036	CP-006	AP + 3 x ZF
9050027	CP-005	AS + 4 x ZF
9050014	ZP-003	AP + 2 x ZF
9050020	ZP-006	AP + 3 x ZF
9050025	ZP-005	AS + 4 x ZF

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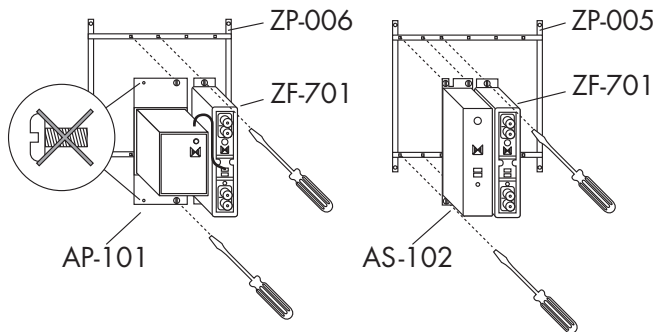


CONMUTACIÓN DE LA LNB (0/22KHz)
 SWITCHING THE LNB (0/22KHz)
 COMMUTATION DU LNB (0/22KHz)
 COMUTAÇÃO DO LNB (0/22KHz)
 SCHALTER DER LNB (0/22KHz)

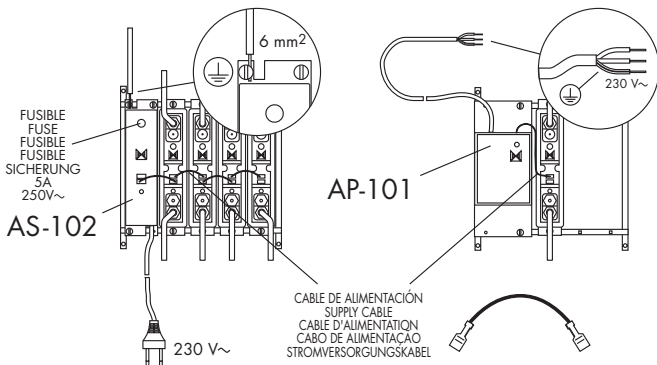
- ▶ GANANCIA
- ▶ GAIN
- ▶ GAIN
- ▶ GANHO
- ▶ VERSTÄRKUNG



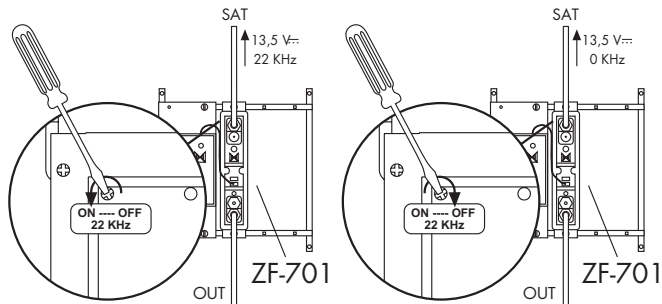
- ▶ COMO FIJAR LOS MODULOS
- ▶ HOW TO FIX THE MODULES
- ▶ COMMENT FIXER LES MODULES
- ▶ COMO FIJAR OS MODULOS
- ▶ MONTAGE DER MODULE



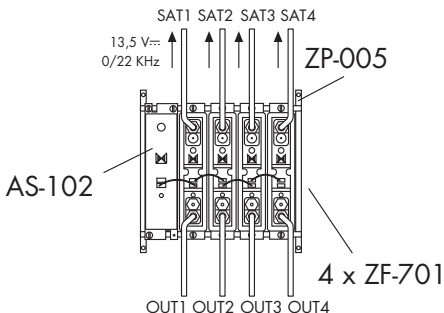
- ▶ COMO ALIMENTAR EL EQUIPO
- ▶ HOW TO FEED THE SYSTEM
- ▶ COMMENT ALIMENTER LE SYSTEME
- ▶ COMO ALIMENTAR O EQUIPAMENTO
- ▶ WIE VERSORGE ICH DAS SYSTEM



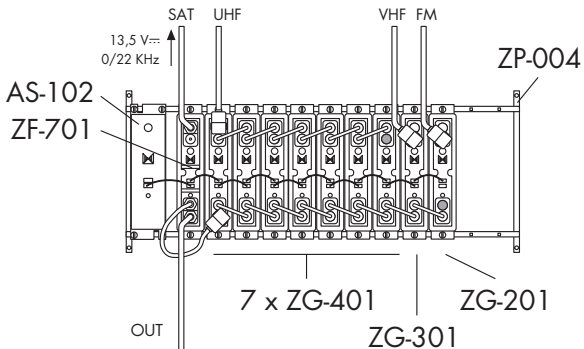
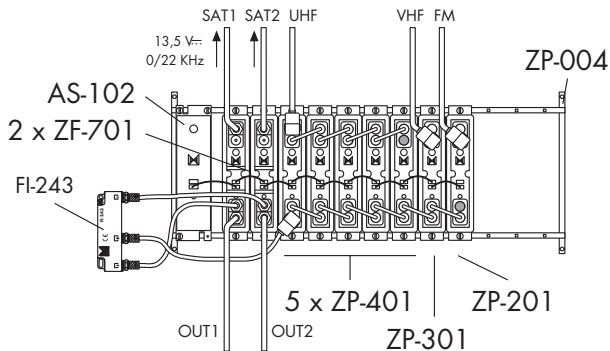
- ▶ CONMUTACIÓN DE LA LNB
- ▶ SWITCHING THE LNB
- ▶ COMMUTATION DU LNB
- ▶ COMUTAÇÃO DO LNB
- ▶ SCHALTER DER LNB



- ▶ ESQUEMAS TÍPICOS
- ▶ CONNECTION DIAGRAMS
- ▶ SCHEMAS DE CONNEXION
- ▶ ESQUEMAS TÍPICOS
- ▶ VERDRAHTUNGSPLAN



- ▶ ESQUEMAS TÍPICOS
- ▶ CONNECTION DIAGRAMS
- ▶ SCHEMAS DE CONNEXION
- ▶ ESQUEMAS TÍPICOS
- ▶ VERDRAHTUNGSPLAN





DECLARATION OF CONFORMITY

according to EN 45014

Manufacturer's Name: ALCAD, S.A.
Manufacturer's Address: Poligono Industrial Arreche-Ugalde
C/Ezurriki, 1 - Apdo. 455
20305 IRUN (Guipúzcoa)
SPAIN

declares that the product

Product Name: 905 Series: SAT AMPLIFICATION SYSTEM
Model Number(s): ZF-701, AS-102, AP-101

Product Option(s): INCLUDING ALL OPTIONS

is in conformity with:

Safety: EN50083-1

EMC: EN 50083-2, EN 50081-1 Electromagnetic Compatibility for Equipment
IEC 61000-4-2:1995 / EN 50082-1:1997 ESD 8KV AD, 4KV CD.
IEC 61000-4-4:1995 / EN 50082-1:1997 EFT 0,5KV-5KHz Sig. Lines, 1KV-5KHz Power Lines.
IEC 61000-4-5:1995 / EN 50082-1:1997 CWG 1KV Power Lines.
IEC 61000-4-11:1994 / EN 50082-1:1997 Dips and Variation.

Technical Features : EN50083-5

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 directives 93/68/EEC.

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



Irún,

6-06-02

Date

Anton Galarza / General Manager



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ISO 9001

