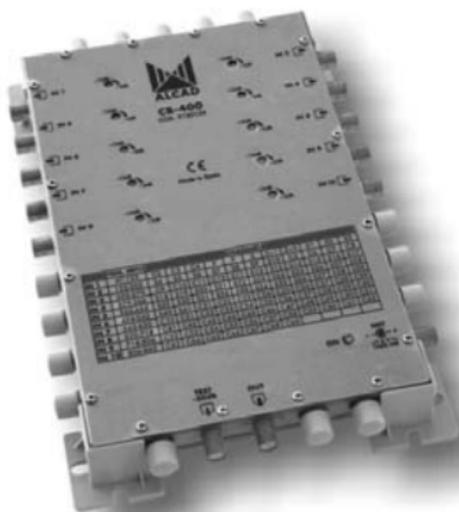




AMPLIFICADOR COMBINADOR
COMBINER-AMPLIFIER
AMPLIFICATEUR COUPLEUR



SERIE 912 SERIES

AMPLIFICADOR COMBINADOR - COMBINER-AMPLIFIER - AMPLIFICATEUR COUPLEUR

CÓDIGO-CODE-CODE		9120126									
MODELO-MODEL-MODELE		CB-400									
Numero de entradas/salidas Number of inputs/outputs Nombre de entrées/sorties		10/1									
Rango de frecuencias Frequency range Gamme de fréquences	Input	1	2	3	4	5	6	7	8	9	10
	MHz	47-125	125-202	202-279	279-366	366-454	454-542	542-630	630-718	718-806	806-862
Ganancia Gain Gain	dB ±TOL	29±3,0									
Regulación de ganancia Gain adjust Réglage de gain	dB	10									
Selectividad Selectivity Sélectivité	dB	30 (77 MHz VHF) (88 MHz UHF)									
Nivel de salida Output level Niveau de sortie	dBµV	118 DIN 45004B 115 (IMD ₃ -60 dB) 118 (IMD ₂ -60 dB) 105 (CTB -60 dB) 105 (CSO -60 dB) 105 (XMOD -60 dB)									
Test de salida Output test point Sortie test	dB	30									
Figura de ruido Noise figure Facteur de bruit	dB	6±1,0									
Pérdidas de retorno E/S Return loss I/O Pertes de retour E/S	dB	≥10									
Alimentación Power supply Alimentation	V _{DC}	6,5 .. 9,0									
	mA	1150									

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

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

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

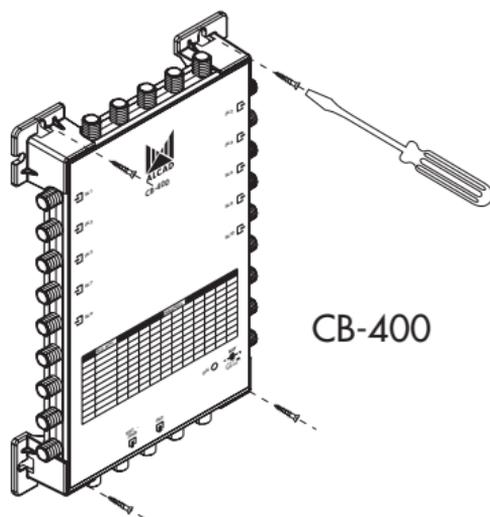
ALIMENTADOR - POWER SUPPLY - ALIMENTATION

CÓDIGO-CODE-CODE		9130057		
MODELO-MODEL-MODELE		FU-513		
Tensión de salida Output voltage	V $\overline{\text{---}}$	7,5		
Tension de sortie	mA	3840		
Tensión de red Mains voltage	V \sim	230 \pm 15%	240 $^{+10\%}_{-18\%}$	50/60 Hz
Tension du secteur	VA	95		

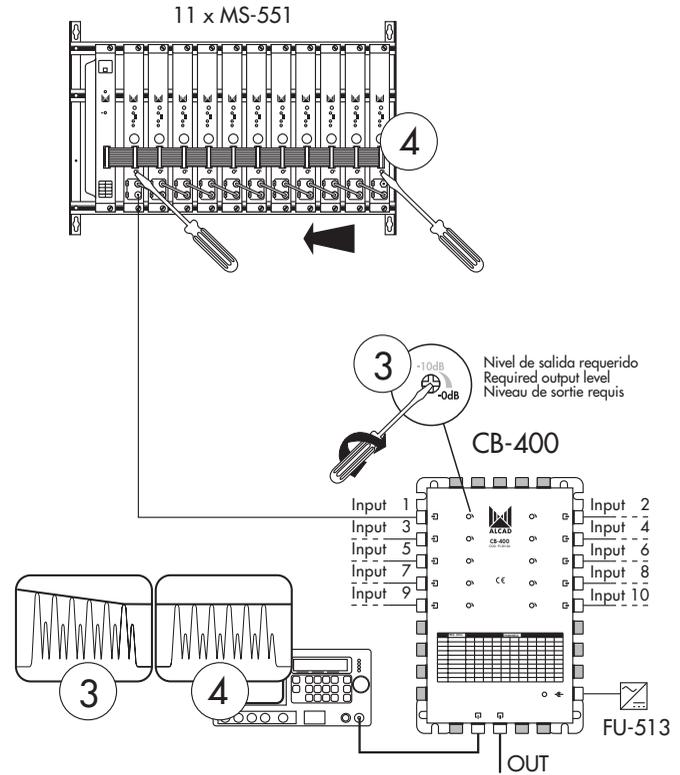
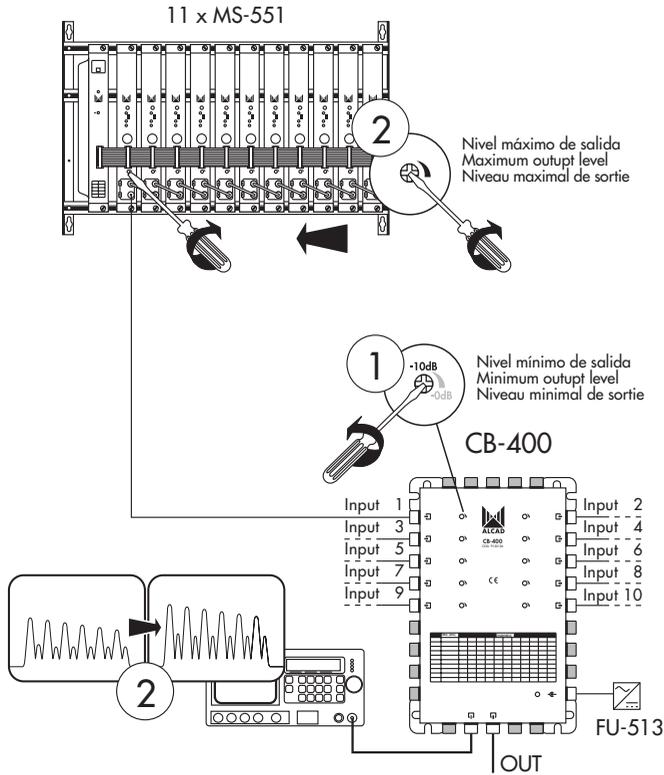
EQUIPO COMPLETO - COMPLETE SYSTEM - ÉQUIPEMENT COMPLET

		912-913 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 30		

CÓMO FIJAR EL AMPLIFICADOR COMBINADOR HOW TO FIX THE COMBINER-AMPLIFIER COMMENT FIXER L'AMPLIFICATEUR COUPLEUR

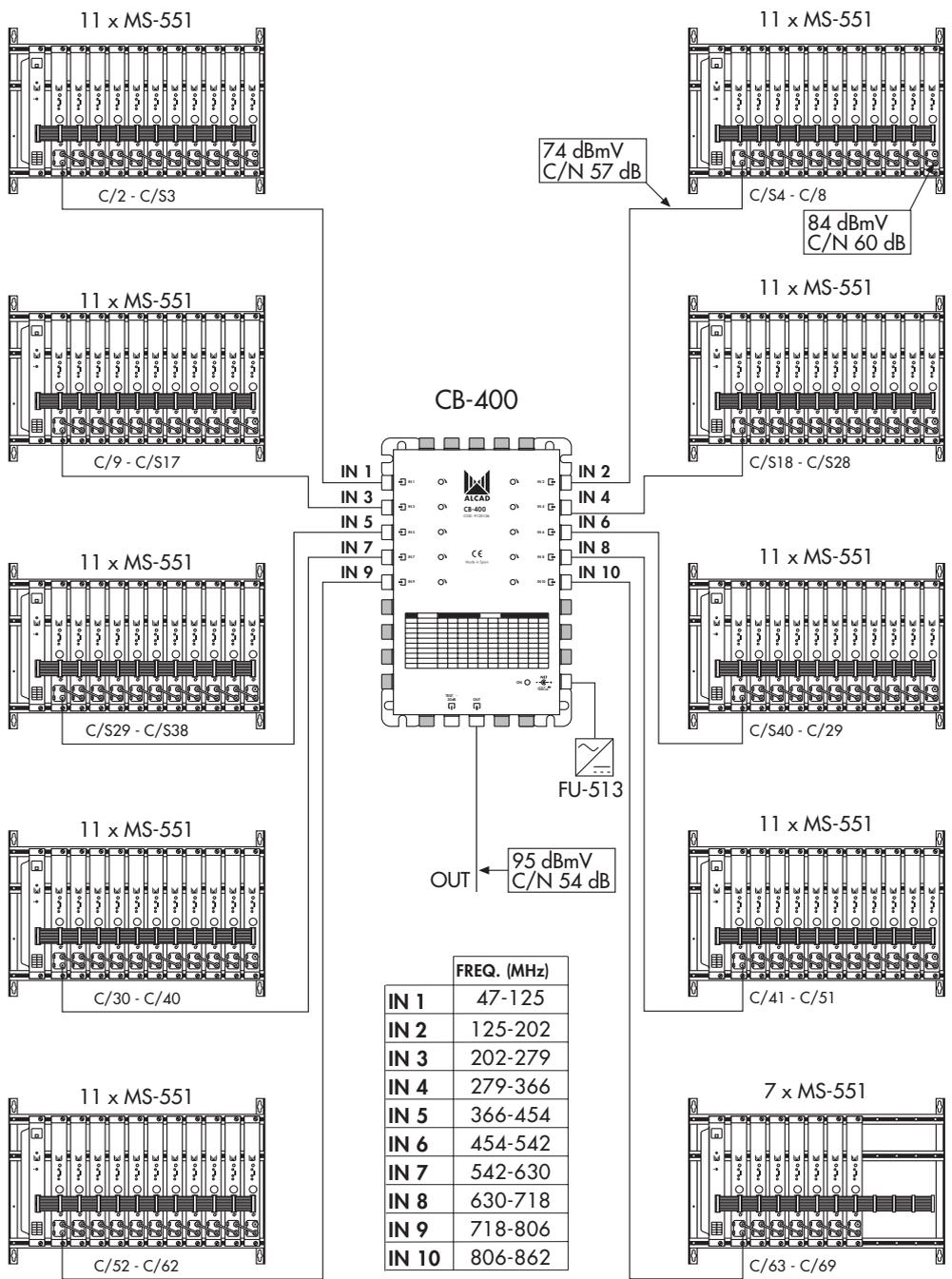


AJUSTE DEL SISTEMA
ADJUSTING THE SYSTEM
REGLAGE DU SYSTÈME



Nota: Realizar los mismos pasos para cada una de las entradas
 Note: Perform the same steps for each input
 Remarque: Réaliser les mêmes étapes pour chacune des entrées

ESQUEMA TÍPICO
CONNECTION DIAGRAM
SCHEMA DE CONNEXION



	FREQ. (MHz)
IN 1	47-125
IN 2	125-202
IN 3	202-279
IN 4	279-366
IN 5	366-454
IN 6	454-542
IN 7	542-630
IN 8	630-718
IN 9	718-806
IN 10	806-862



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: 912 Series: COMBINER-AMPLIFIER
Model Number(s): CB-400, FU-513

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,

04-10-07

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



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 - Ostrovacice
Tel. 546 427 059

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



ISO 9001

