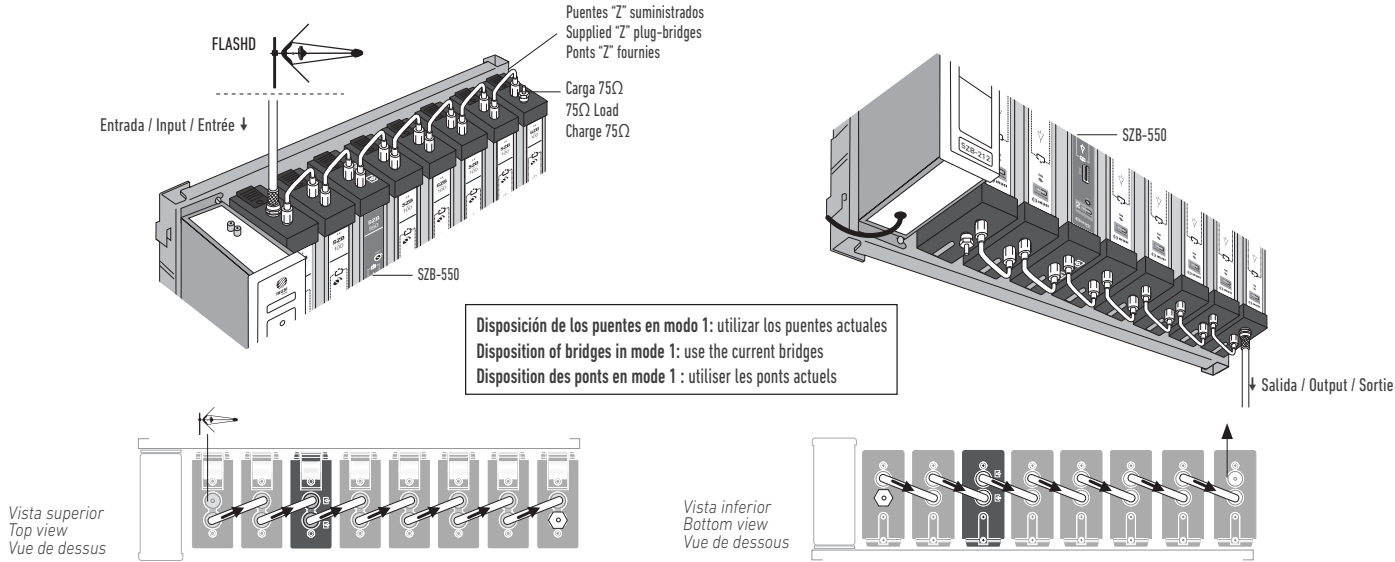
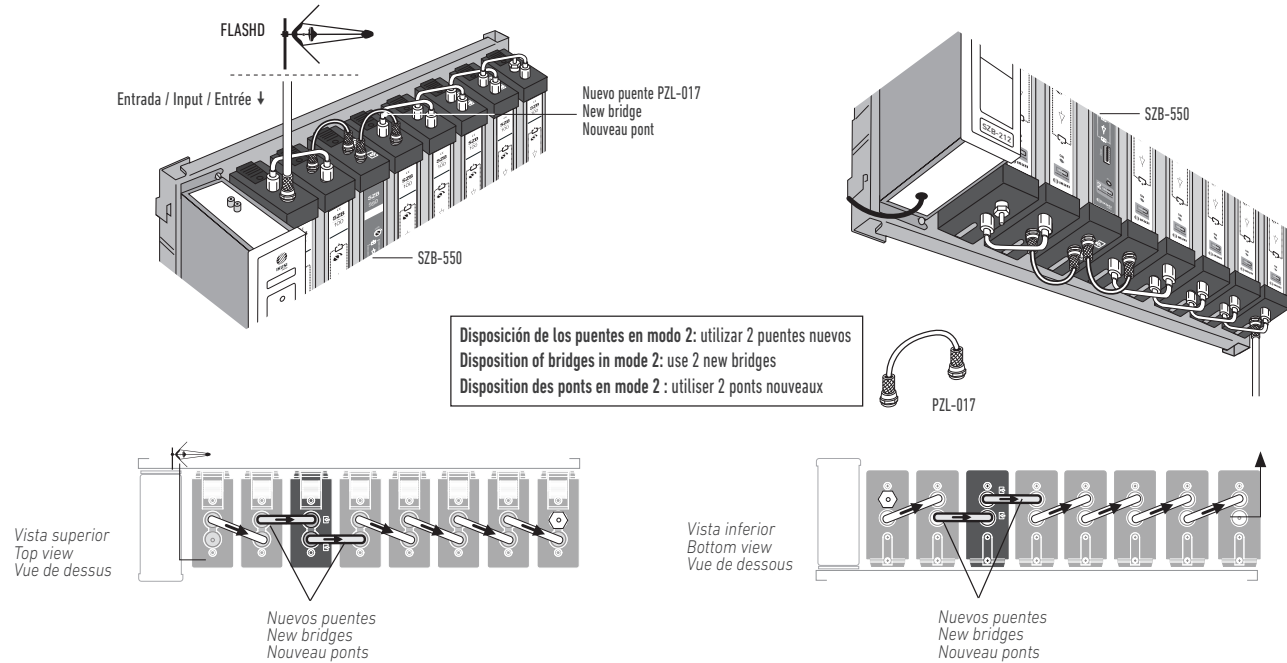


7. SUSTITUCIÓN DE UN MÓDULO EN UNA CABECERA EXISTENTE
7. REPLACEMENT OF MODULES IN AN EXISTING HEADEND
7. REMPLACEMENT DE MODULES D'UNE STATION DE TÊTE EXISTANTE

MODO 1
MODE 1



MODO 2
MODE 2



8. DATOS TÉCNICOS / TECHNICAL DATA / DONNÉES TECHNIQUES

Modelo / Model / Modèle		SZB+550			
Ref.		2260			
Sistema de TV TV system Système de TV		AM-TV / DVB-T			
Banda cubierta Bandwidth Bande couverte	MHz	470 - 694			
Número de filtros Filter number Nombre de filtres		1	2	3	4
Ancho de banda de cada filtro Bandwidth of each filter Largeur de bande de chaque filtre	MHz	8			
Nivel de entrada Input level Niveau d'entrée	dBμV	40 - 90			
Control Automático de Ganancia Automatic Gain Control Contrôle Automatique de Gain		Sí Yes Oui			
Regulación nivel de salida Output level adjustment Réglage niveau de sortie	dB	30			
Figura de ruido Noise figure Facteur de bruit	dB	< 8			

Nivel de salida - típico (IMD3 -35 dB)* Output level - typical (IMD3 -35 dB) Niveau de sortie - typique (IMD3 -35 dB)	dBμV	121
Selectividad a final de canal ± 1 MHz Selectivity at end of band ± 1 MHz Sélectivité à la fin du canal ± 1 MHz	dB	55
Pérdida retorno salida Z Output Z return loss Affaiblissement réflexion sortie Z	dB	> 10
Pérdidas de paso en la salida Z Output Z insertion loss Pertes de passage à le sortie Z	dB	0,5
Alimentación Power supply Alimentation	VDC	+24
Consumo - típico Current consumption - typical Consommation - typique	mA	250
Temperatura de funcionamiento Operating temperature Température de fonctionnement	°C	0 ... + 45
Índice de protección Protection level Niveau de protection	IP	IP20

* EN 50083-3



Certificado CE : <https://www.ikusi.tv/es/productos/szb550>
CE Marking : <https://www.ikusi.tv/en/products/szb550>
Certificate CE : <https://www.ikusi.tv/fr/products/szb550>

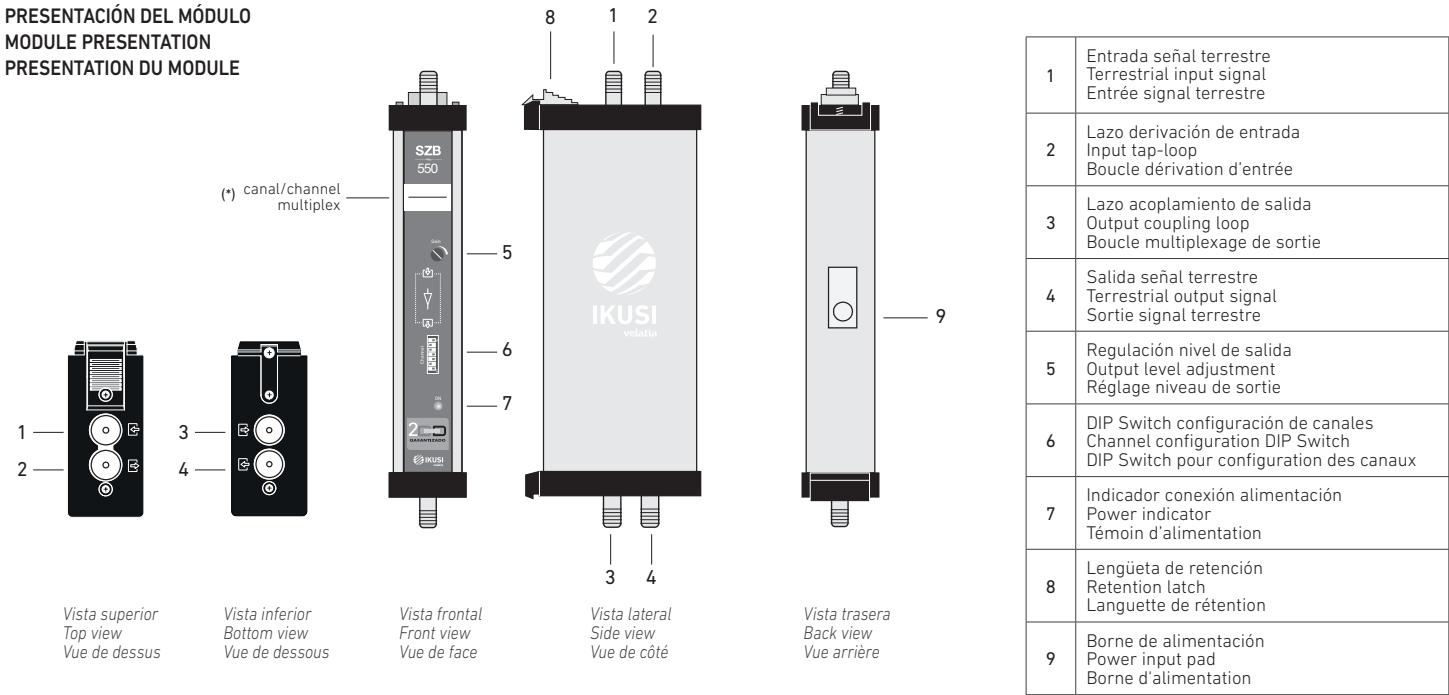


SZB+550
Ref. 2260

AMPLIFICADOR MONOCANAL/MULTICANAL UHF PROGRAMABLE
PROGRAMMABLE UHF SINGLE-CHANNEL/MULTICHANNEL AMPLIFIER
AMPLIFICATEUR MONOCANAL/MULTICANAUX UHF PROGRAMMABLE

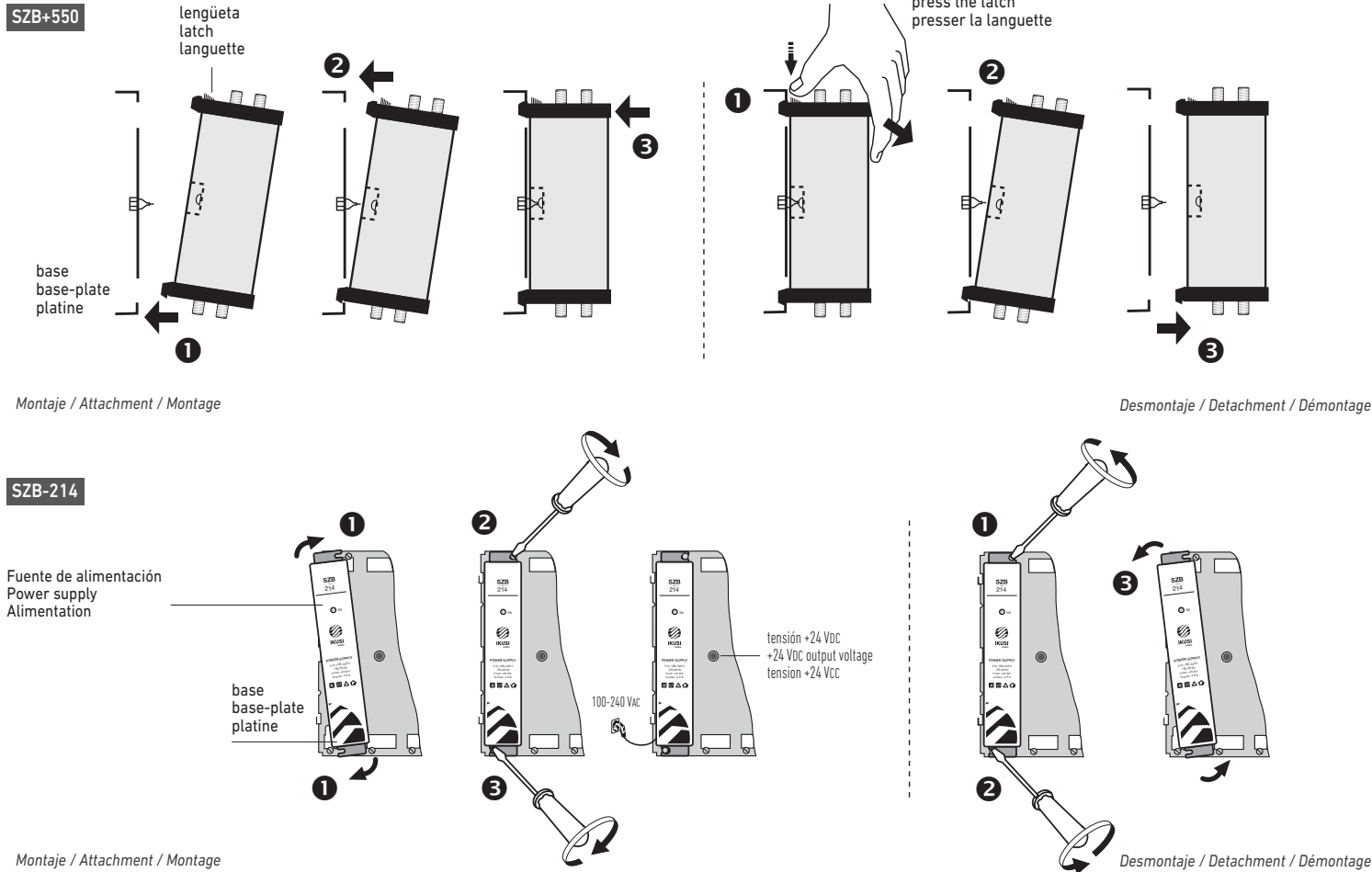


1. PRESENTACIÓN DEL MÓDULO
1. MODULE PRESENTATION
1. PRESENTATION DU MODULE

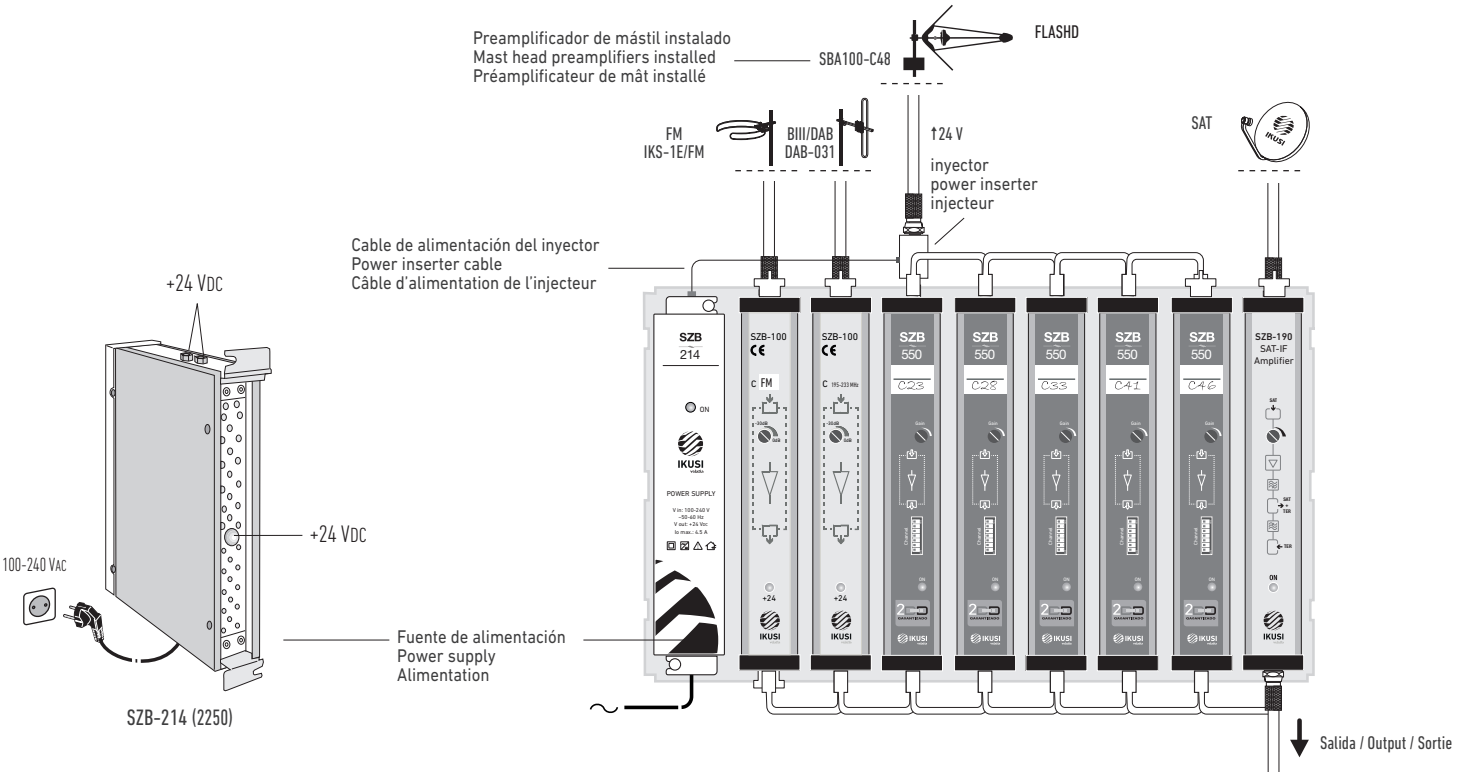


(*) Espacio para notas del instalador
Space for installer notes
Espace pour les notes de l'installateur

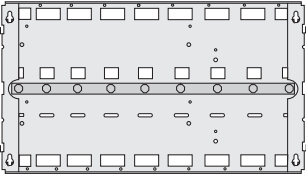
2. MONTAJE/DESMONTAJE DEL MÓDULO EN LA BASE SOPORTE
2. ATTACHMENT/DETACHMENT OF THE MODULE TO/FROM THE BASE-PLATE
2. MONTAGE ET DEMONTAGE DU MODULE DANS LA PLATINE



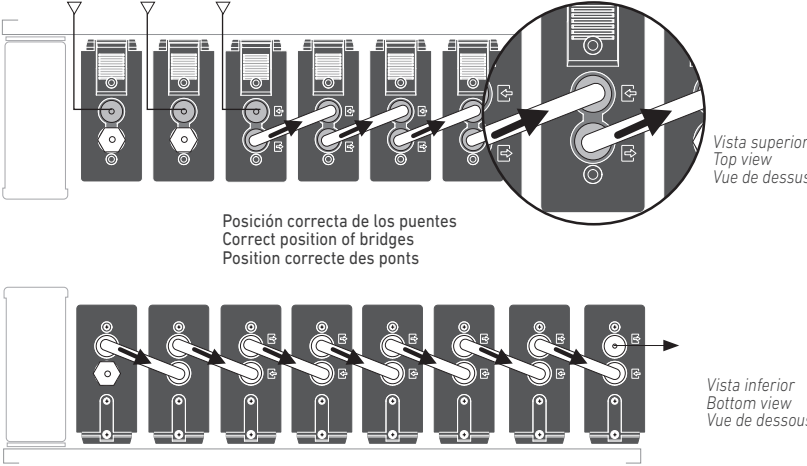
3. EJEMPLO DE UNA CABECERA SZB+550
3. EXAMPLE OF A SZB+550 HEADEND
3. EXEMPLE D'UNE STATION DE TÊTE SZB+550



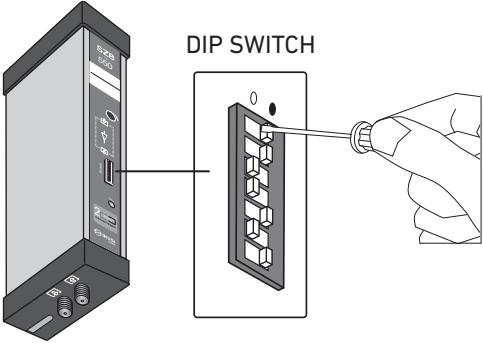
La tensión de salida +24 VDC pasa a los módulos a través de la barra de contactos de la base-soporte.
The output voltage +24 VDC is automatically connected to the modules a through the connecting bar in the base-plate.
La tension de sortie +24 VCC est raccordée automatiquement aux modules via le distributeur inclu dans la platine.



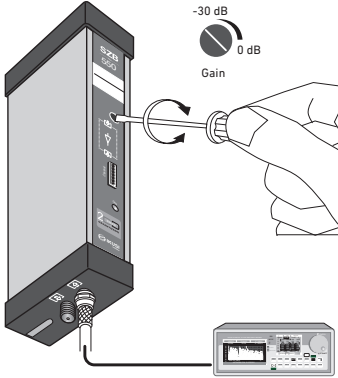
BAS-919 (2225)



4. CONFIGURACIÓN DE CANALES
4. CHANNEL CONFIGURATION
4. CONFIGURATION DES CANAUX



5. AJUSTE DEL NIVEL DE SALIDA
5. OUTPUT LEVEL SETTING
5. RÉGLAGE DU NIVEAU DE SORTIE



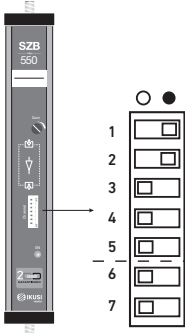
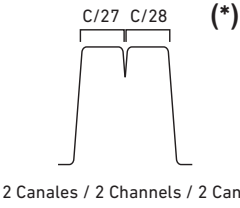
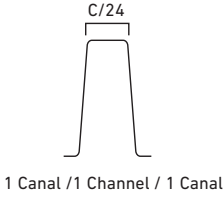
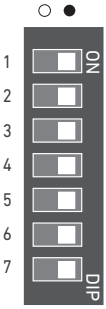
6. TABLA PARA CONFIGURACIÓN DE CANALES
6. TABLE FOR CHANNEL CONFIGURATION
6. TABLEAU DE CONFIGURATION DES CANAUX



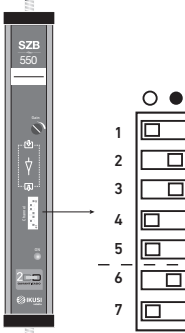
Primer canal First channel Premier canal	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48
1	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●	○	●
2	○	○	●	●	○	○	●	●	○	○	●	●	○	○	●	●	○	○	●	●	○	○	●	●	○	○	●	●
3	○	○	○	○	●	●	●	●	○	○	○	○	●	●	●	●	○	○	○	○	●	●	●	●	○	○	○	○
4	○	○	○	○	○	○	○	○	●	●	●	●	●	●	●	●	○	○	○	○	○	○	○	○	●	●	●	●
5	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	●	●	●	●	●	●	●	●	●	●	●	●

Número de canales Number of channels Nombre de canaux	1	2	3	4
6	○	●	○	●
7	○	○	●	●

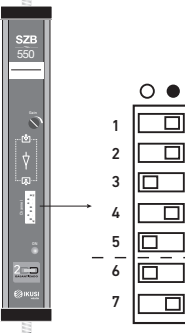
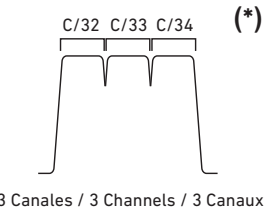
Ejemplos de configuración del canal
Channel configuration examples
Exemples de configuration de canal



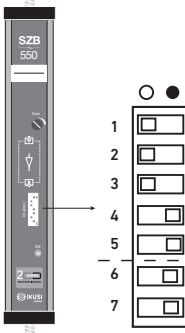
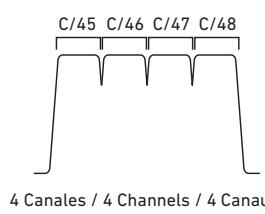
Número de canales 1
Number of channels 1
Nombre de canaux 1



Número de canales 2
Number of channels 2
Nombre de canaux 2



Número de canales 3
Number of channels 3
Nombre de canaux 3



Número de canales 4
Number of channels 4
Nombre de canaux 4

Canales / Channels / Canaux	2	3	4
Nivel máximo / Max. level / Niveau max. (dBμV)	118	117	115

EC-Declaration of Conformity



We, Manufacturer

Ikusi Electrónica S.L.
Paseo Miramón, 170
20014 San Sebastián, Spain

declare that the product

Programmable digital amplifier
ONE+ (2865) ; ONE+ SAT (2864)

are in conformity with

Council Directive 2014/53/EU

Standards to which conformity is declared :

are in conformity with

RoHS 2. Directive 2011/65/EU

Standards to which conformity is declared :

EN 50083-2:2012+A1:2015

Cable networks for television signals, sound signals and interactive services. Part 2: Electromagnetic compatibility for equipment.

EN 61000-3-2:2014

Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current up to and including 16 A per phase.

EN 61000-3-3:2013

Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current up to 16 A per phase and not subject to conditional connection.

EN 303354 V1.1.1

Amplifiers and active antennas for TV broadcast reception in domestic premises.

EN 62368-1:2014

Audio/video, information and communication technology equipment - Part 1: Safety requirements (LVD) (Endorsed by AENOR in September of 2014).

UNE-EN 50581:2012

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances (RoHS) (Endorsed by AENOR in November of 2012)



San Sebastián, October 2019

Jesús Gómez Río

— R&D Director —