



OLS 9X

USER'S MANUAL



Chapter 1. Installation.

1.1. Safety Measures

Please read carefully these safety rules before installing your device.

- 1.- Never place the device next to hot sources.
- 2.- Never undergo the device to temperatures that exceed its level of operation.
- 3.- Never expose the device to leakings nor spatterings.
- 4.- Never place objects that contain liquids over the device.
- 5.- Respect the ventilation slots of the device, do not cover them with any kind of object.
- 6.- The space around the device must be free of objects, in a minimum radius of 40cm.
- 7.- Avoid locations with possibilities of spilling liquids on the inside of the device, and with important changes of temperature.
- 8.- Never open the device by yourself due to electric risk. In case of problems, go always to qualified technicians
- 9.- Never, under no circumstances, open the device when connected to the electrical net.
- 10.- During the handling it is better to disconnect the device from the electrical net.
- 11.- Obey the electricity security rules during the assembling. Use materials that obey the current law.
- 12.- The connecting plug must be accessible in a fast and simple way to have a fast disconnection.
- 13.- Never touch the plug with wet hands. Also, disconnect always the device before handling the connections.
- 14.- Never put any heavy object over the device, since it could get damaged.
- 15.- If the device is going to remain some time without use, it is recommendable to disconnect it from the electrical net.
- 16.- The repairmen and the maintenance of the device must be done by TV and radio specialised technicians

1.2. Box Content



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1.3. Description and connexions

This family of multiswitches is used to make installations with a certain number of connected users and it is compatible with digital and analogical signals.

The models available allow us to distribute 8 polarities of two different satellites for 6, 8, 12 or 16 receivers, making an independent commutation in order to receiver in each receiver the 4 polarities of each satellite. The inputs are independent for each satellite polarity.

All the models of this family are provided with an inner amplification in order to avoid the derivation loses and the distribution of the satellite band.

The commutation criterion of the satellite signal will be made by the means of Toneburst or DiseqC 2.0 (13/18V and 0-22kHz).

OLS 912

- 1-4 INPUT SAT A 950 – 2400 MHz (1.V/Low, 2.H/Low, 3.V/High, 4.H/High): Satellite Signal Input A
 5-8 INPUT SAT B 950 – 2400 MHz (5.V/Low, 6.H/Low, 7.V/High, 8.H/High): Satellite Signal Input B
 9 INPUT 5 – 862 MHz : Terrestrial signal input
 10-21 47-2300 MHz: Output (SAT + TERR) *
 22 AC IN: Power supply cable (230V AC, 50Hz)

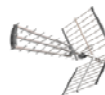
(*) Note: In order to identify the outputs in the others models it is indicated with the arrow in the direction of the connector and the number of the respective output.

1.4. Accesories and example of installation**Accesories**

Parabolic antenna 80cmØ
 Mod. OR 80 SB
 Code. 0788011



LNC Universal Quattro
 Mod. LNC 544
 Code. 0400067



Outdoor antenna UHF
 Mod. EVO 45
 Code. 9003910

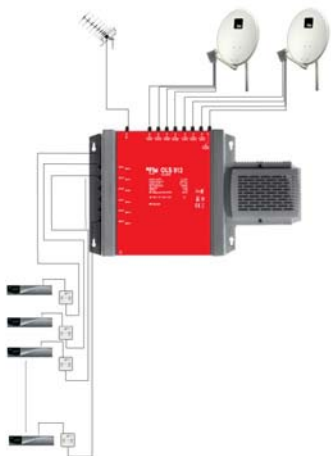


Satellite Digital Receiver
 Mod. MAX S102E
 Code. 0720040



Satellite Digital Receiver
 Mod. PVR S110 CI HDMI
 Code. 0720106

Example of installation



Example of an installation for 12 users with 8 satellite polarities distributed by OLS 912 multiswitch. It allows the full reception (analogical and digital) of four satellites. In this case, in order to get to the different polarities of the four satellites, the receiver must have DiSEqC 1.0 or upper commutation standards.

Chapter 2. Technical features

Ref.	OLS 96	OLS 98	OLS 912	OLS 916
Code	0930078	0930080	0930082	0930084
Nr. of TERR/SAT inputs	1/8			
Outputs	6	8	12	16
Terrestrial				
Frequency margin	5-862 MHz			
Losses	20+/-2dB		23+/-2dB	25+/-2dB
Satellite				
Frequency margin	950-2400 MHz			
Losses	0 +/-2dB			
Max. Output Level	105 dB μ V			
H,V Isolation	>25 dB			
Isolation between outputs	>20 dB			
Feeding, consumption	180-265V, 47-63Hz, 18W			
Max. Power LNC 18V	700 mA			
Weight (g)	1070	1080	1600	
Dimensions	400x100x80 mm		400x190x80 mm	

IMPORTANT NOTE: If the multiswitch is used with an amplifier CSA 55, it must be inserted one DC Block (*Ref. DCB*) into the Vertical Low input of the multiswitch, and feed the CSA 55 by external power supply (*Ref. PS 15 900*).

Chapter 3. Conformity Declaration



CONFORMITY DECLARATION

"WE, FTE MAXIMAL, DECLARE THAT THE PRODUCTS
OLS 96, OLS 98, OLS 912 AND OLS 916
ARE IN CONFORMITY WITH FOLLOWING DIRECTIVES
Low Voltage Directive 2006/95/EC
EMC Directive 2004/108/EC"

If you wish a copy of the conformity declaration, please contact to the company



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