



OLS 5X

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 splatterings.
- 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



OLS 5X



User's manual

1.3. Description and connections

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 4 polarities of a satellite for 6, 8, 12 or 16 receivers making an independent commutation in order to receive in each receiver the 4 polarities of satellite. The inputs are independent for each polarity of the satellite.

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

OLS 56



- 1-6 47-2300 MHz: Output (SAT + TERR) *
- 7 INPUT 47 – 862 MHz : Terrestrial signal input
- 8 INPUT 950 – 2400 MHz 18V / 22 kHz : Satellite signal input
- 9 INPUT 950 – 2400 MHz 18V / 0 kHz : Satellite signal input
- 10 INPUT 950 – 2400 MHz 13V / 22 kHz : Satellite signal input
- 11 INPUT 950 – 2400 MHz 13V / 0 kHz : Satellite signal input
- 12 AC IN: Power supply cable (230V AC, 50Hz)

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

1.4. Accessories and example of installation

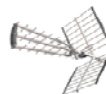
Accessories



Parabolic antenna 80cmØ
Mod. PR 80
Code. 0798021



LNC Universal Quattro
Mod. LNC 544
Code.0400067



Outdoor antenna UHF
Mod. EVO 45
Code. 9003910

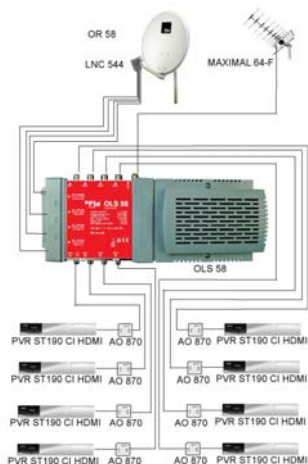


Satellite digital receiver
Mod. MAX S102E
Cód.0720040



Satellite digital receiver
Mod.PVR S110 CI HDMI
Code.0720106

Example of installation



Example of an installation for 8 users with 4 satellite polarities, distributed by a OLS 58 multiswitch. It allows the full reception (analogical and digital) of a satellite.

Chapter 2. Technical features

Ref.	OLS 56	OLS 58	OLS 512	OLS 516
Code	0930070	0930072	0930074	0930076
Nr. of TERR/SAT inputs	1/4			
Outputs	6	8	12	16
Terrestrial				
Frequency range	5-862 MHz			
Losses	20+/-2 dB	21+/-2 dB	23+/-2 dB	24+/-2 dB
Satellite				
Frequency range	950-2400 MHz			
Losses	0+/-2 dB			
Isolation H/V	>20 dB			
Isolation SAT, SAT	>20 dB			
Máx. Output level	105 dB		95 dB	
Feeding, consumption	180-265V, 47-63Hz, 18W			
Max. Consumption 18V	500mA			
Weight (g)	650	680	870	1120
Dimensions (mm)	305x115x80		400x115x80	

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 56, OLS 58, OLS 512 AND OLS 516
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



ESPAÑA

Corrals Nous, 77
Pol. Industrial Can Roqueta
08202 Sabadell
(Barcelona) España
Tel. 00 34 93 729 27 00
Fax. 00 34 93 729 30 73
info@ftemaximal.com
www.ftemaximal.com

DEUTSCHLAND

Zweigniederlassung Deutschland
Fürstenhof 68
59368 Werne
Amtsgericht Dortmund HRB 21674
Ust-ID.Nr.: DE243384161
Tel: +49 2389 92419 - 0
Fax: +49 2389 92419 - 25
info@ftemaximal.de
www.ftemaximal.com

FRANCE

7 avenue du Pont de Tasset
74960 MEYTHET
Tel. 00 33 450 68 80 17
Fax. 00 33 450 68 84 68
fte@ftemaximal.fr
www.ftemaximal.com

PORTUGAL

Rua José Carlos Ary dos Santos
A-das-Lebres (Loures)
2670-791 Santo António do Tojal
Tel. 00 351 219 83 87 00
Fax. 00 351 219 83 87 09
ftemaximal@ftemaximal.pt
www.ftemaximal.com

ITALIA

Via Edison, 29
42040 Calerno di
Sant'Illario d'Enza (RE)
Tel. 00 39 05 22 90 97 01
Fax. 00 39 05 22 90 97 48
info@fte.it
www.ftemaximal.com

UNITED ARAB EMIRATES

P.O. Box 262442
Jebel Ali Free Zone
Warehouse FZS5AB03
Dubai
Tel. 00 971 4 886 5700
Fax. 00 971 4 886 5701
info@ftemaximal.com
www.ftemaximal.com