3DGFLEX

Digital evolution

3DGFLEX
New headend for hospitality solutions

Auto Remapping Function

You can change a program in real time within the mux without the need to retune all the TV sets in the system.

Before	After
Output MUX 2	Output MUX 2

Web based interface:

The headend can be remotely programmed or monitored anytime or anywhere (PC and mobile). When a change is detected in the users configuration an alert e-mail is automatically sent.

www

ARP 2.0

Assign a priority level to each program to guarantee continuity of service when a bit rate overflow occurs. All the programs will be sequentially restored when the global bit rate returns to within the system limits.
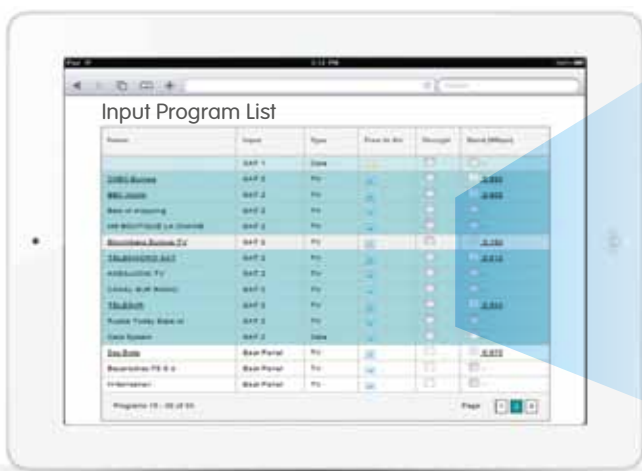

ARP 2.0

The 3DGFLEX is a modular unit designed to process a range of digital signals ready to be distributed over a centralised system, such as large apartment buildings or hospitality environments, combining the selected programs from 3 different satellite input sources into a single multiplex.

MUX ad Hoc agile QAM or DTT

Create a mux with the chosen programs from up to 3 satellite transponders and manage all the descriptor parameters: just drag and drop the available channels into the mux.

Input Program List

Output MUX 1

Output MUX 2

Technical features

Item		3DG-2S2-ST
Code		283157
Front-End Satellite		
Tuners	No.	2
Input frequency	MHz	950-2150
Input level	dBV	48-80
LNB control	VDC, KHz	0/14/18, 0/22
Demodulation		DVB-S, DVB-S2
Symbol rate	MS/sec	DVB-S: 2-45, DVB-S2: 2-30
AFC Range	MHz	-5 to +5
Modulation DVB-T		
Generated muxes	No.	2
Bandwidth	MHz	6, 7, 8
Modulation		QPSK, 16-QAM, 64-QAM
FEC		1/2, 2/3, 3/4, 5/6, 7/8
Modulation DVB-C		
Generated muxes	No.	2
Bandwidth	MHz	depends on the output SR that was set
Modulation		16-QAM, 32-QAM, 64-QAM, 18-QAM, 256-QAM
FEC		Reed Solomom (204, 188)
RF Output		
Output frequency	MHz	111-862 (S2-E69)
Max. output level	dBµV	102
Output MER	dB	≥36

Item		3DG-BOX
Code		283156
Max. number of modules	No.	6
RF mix input	MHz	47-862
Mains supply	Vac, Hz	184-264, 50/60
Power consumption	W	105
Connectors type		F female (RF)
Dimensions (L x W x H)	mm	415 x 260 x 265
Operating temperature	°C	-10 to +50 (without CAM)
Remote power supply	mA	max 400@18V

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