

Programmable headends

FRPRO10HD



Agile multicluster headends to filter both digital and analogue channels. 10 totally flexible and programmable clusters to filter each channel in UHF band. High selectivity allow to equalize channels with high signals differences. The set up could be done easily on the products through the built in keypad and the 16x2 Display. The USB port allow to load and save any configuration from and to each product of the family.

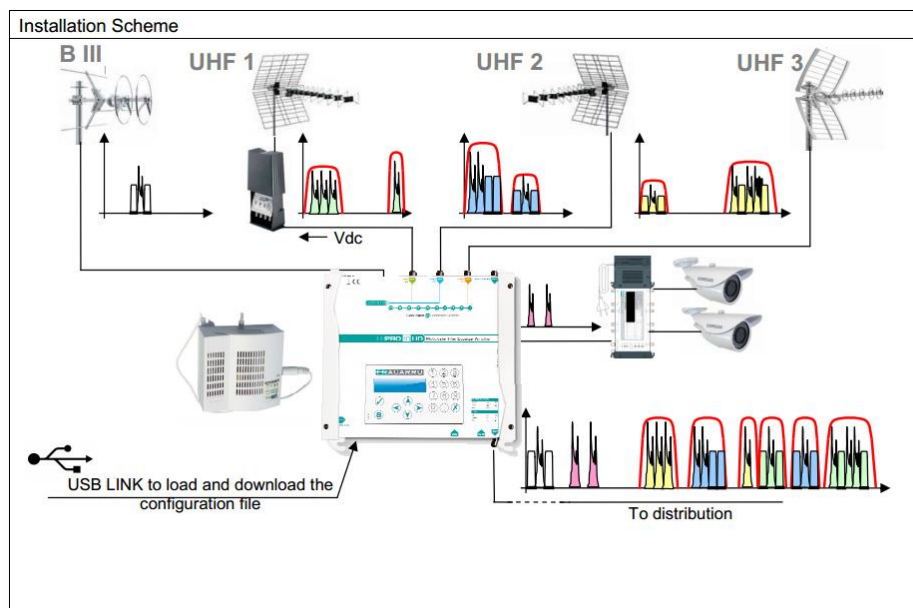
Main Specifications

- Fully shielded.
- Input matrix cluster selection completely flexible allow the association of the cluster filters to each UHF input.
- selectivity of the clusters filter has been doubled 20dB@10MHz
- Built in Programmer for an easy and quick installation with Keypad and LCD display.
- Auto- equalization Function to automatically adjust all the signals on the UHF inputs.
- Nature cooling convention
- Personal computer software to set all the parameter and/or to storage the installation set-up

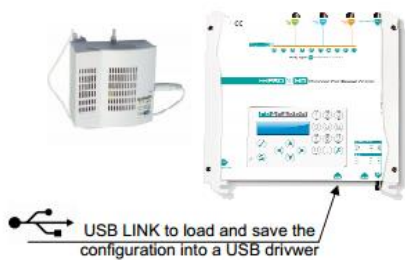
PRODUCT		FRPRO 10HD	
Fracarro Code			272109
Inputs		n.º	4
	Input 1	Band	UHF1
	Input 2	Band	UHF2
	Input 3	Band	UHF3
	Input 4	Band	III + DAB+FM
Outputs		no	1
	Output 1	Band	TV
INPUTS 1,2,3 Band UHF1, UHF2, UHF3			
Selectable Channes		Nr	E21 - E69 (470 - 862)
Gain		dB	40
Dinamic input signal adjustment		dB	20
Noise Figure		dB	6
Input/Cluster selection		UHF1	8,9,10
		UHF2	5,6,7,8,9,10

	UHF3	1,2,3,4,5,6,7,8,9,10
Cluster Bandwidth	MHz	8-48 (1 from 1 to 6ch)
Cluster gain Adjustment	dB	20
Cluster Selectivity		<u>20dB@10MHz</u>
Maximum Input Level	dBuV	95
Maximum output level (IM3 -35dBc 2 tones)	dBuV	120
INPUT 4 Band III +DAB		
Bandwidth	MHz	88 - 320
Gain	dB	43
Gain Adjustment	dB	20
Noise Figure	dB	6
Maximum input level	dBuV	90
Maximum Output level Band III(IM3 -35dBc 2 tones)	dBuV	120
Maximum Output Level FM (IM3 -54dBc 2 tones)	dBuV	112
Main Features		
MASTER gain adjustment	dB	20
Configuration Loading and saving		USB 2.0
Mains	Vac/Hz	220-240,50-60
Power consumption	W	25
Remote feeding UHF inputs	V	12/24, 200/100mA max
Connectors		F female
F female	°C	-0.1
Ip Protection		IP20
Test point	dB	-30
Standard conformity		EN60065: 2004-06, EN50083-2: 2002-05

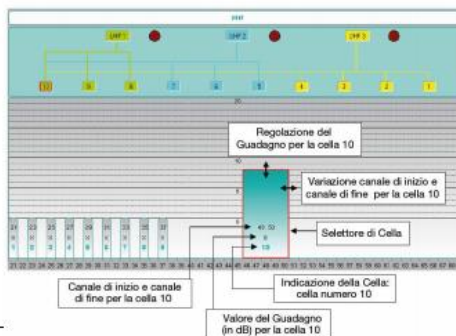
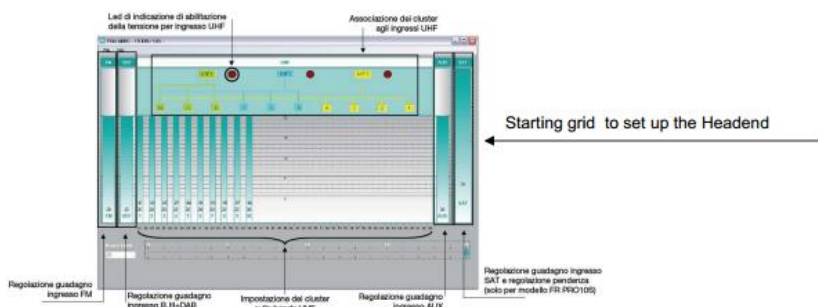
Fracarro Code	Item	Packaging	EAN Code	Qty	Dimensions	Net weight	Gross weight
				Pcs	mm	Kg	Kg
272109	FRPRO10HD	Singolo	8.01698E+12	1	300x300x70	4,00	4,1 5



Programmation software



Portable Software for personal computer where the installation is not required the software could be execute directly from a USB Drive. All the parameter of the head end could be setted-up with the software. The configuration will be saved with a proprietary extension and could be loaded on alla the product of the family.



System basic requirements :
 • Dotnet Framework v.2
 • Windows XP Service Pack 2 (Windows Vista e 7)