

# compact



QPSK/AM compact headend for the reception of **4 free** Satellite TV channels

## DiSAT 4



# QPSK/AM compact headend **DiSAT 4**



**QPSK/AM receiver designed for headend conversion of 4 digital satellite TV channels to analogue TV in RF. Available in two versions: DiSAT 4U for UHF channels (C21-C69) and DiSAT 4V for VHF channels (E5-S41).**

## Applications:

Suitable for small and medium sized distributions, giving its RF modulated output in double sideband. Ideal for use in low cost community projects. No need for individual receivers to be installed for each TV. Functions autonomously in communal areas of buildings, recovering reception automatically in case of electricity cuts or service interruptions.

## Characteristics:

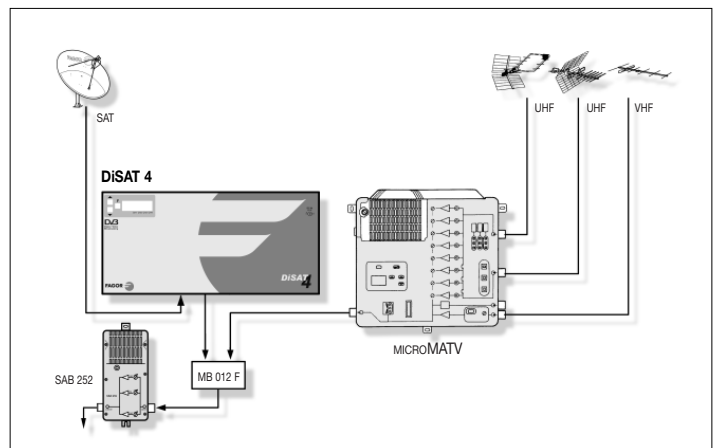
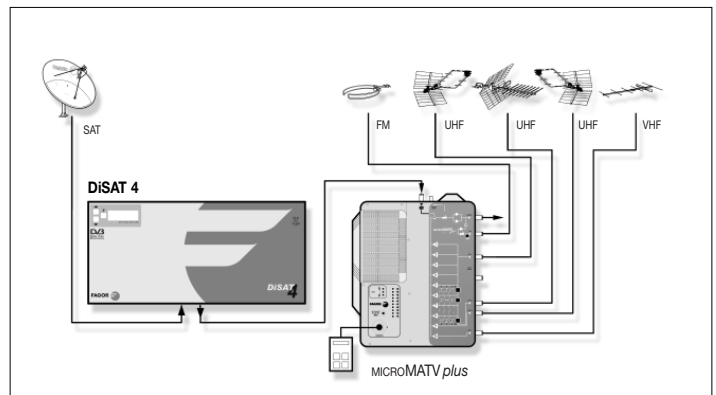
- High output level (105 dBμV)
- No need of input splitters.
- Output channel easily programmable by the integrated programmer.
- Guided quick programming menu by the remote control.
- OSD menu to simplify system parameters programming.
- Valid for radio programme reception.
- High audio and video quality.

## TECHNICAL CHARACTERISTICS

MODEL	DiSAT 4U	DiSAT 4V
Reference	86502	86503
<b>LNB / TUNERS</b>		
Input frequency	950...2150 MHz	
RF input level	-70...-25 dBm	
IF bandwidth	55 MHz	
AFC range	± 3 MHz	
LNB power	14V / 18V (Max 250 mA)	
Impedance	75 Ω	
Connector	F	
<b>DEMODULATORS</b>		
Waveform	QPSK (SCPC, MCPC)*	
Symbol rate	4-45 MS/s	
Code Rate, FEC	1/2, 2/3, 3/4, 5/6, 7/8 Automatic	
<b>Video:</b>		
Output level	1 Vpp into 75 Ω	
Aspect ratio	4:3, 16:9	
TV standard	Auto / PAL / NTSC	
<b>Audio:</b>		
Frequency response	20Hz - 20KHz	
Stereo/mono	Control: left/right /L+R	
<b>RF TV MODULATORS</b>		
Modulation	AM, DBL	
RF Frequency range	471.25...855.25 MHz (C21 - C69)	175.25...463,25 MHz (E5 - S41)
Transmission standard	B/G, D/K, I, M/N, L	
Output level	85...105 dBμV	
Spurious products	< 60 dBc	
Nominal impedance	75 Ω	
<b>GENERAL</b>		
Input Power	DC 15 V	
Max. Current	3,0 A / 15V	
Current consumption	75 W	
Operating temperature	-10 °C - 40 °C	
Dimensions	360 x 170 x 90 mm	
Weight	4 kg	

\* SCPC (single channel per carrier)  
MCPC (multiple channels per carrier)

## Examples of application:



Ref: 91 047

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