

**EXPANDABLE PROGRAMMABLE  
SELECTIVE AMPLIFIER**

**microMatv  
book**



## THE "LITTLE" GREAT AMPLIFIER

**MICROMATV BOOK, THE "LITTLE"  
HEADEND THAT CAN  
BECOME VERY BIG**

A big family's intelligent little brother.



### THE MOST RATIONAL SOLUTION FOR EXPANDABLE HEADENDS

Fagor presents the basic model of its programmable selective amplifiers, an intelligent system that can be adapted to each situation and expanded with plug-in modules. The simplest solution for small- and medium-size individual and community installations.



**FAGOR**   
Fagor Electrónica

# microMatv book

**Programmable selective amplifier for receiving analogue and digital signals in single-family homes and small communities. All programming can be carried out quickly and easily by means of the keypad and display on the unit itself.**

## APPLICATION

Suitable for small- and medium-sized installations. Ideal for use in low cost community projects

Supply voltage	230 V ± 15%
Current drawn	max. 17 W
Operating temperature	0 ÷ 50°C



Ref.: 35556

## CHARACTERISTICS

- 2 programmable UHF inputs distributed between 5 programmable filters with width of up to 7 channels per filter, giving a total capacity of  $7 \times 5 = 35$  channels.
- 1 BI/BIII/DAB input.
- 1 FM input.
- 1 auxiliary input.
- Output level directly programmable from keypad.
- 4-digit display and 5-key keypad incorporated.
- UHF and VHF filter extension module.

		BI/BIII/DAB	UHF	Auxiliary	FM	
No. inputs		1	2	1	1	
No. filters		Broadband	5 programmable	Broadband	Broadband	
Input and filter configuration		-	UHF 1	-	-	
			5			UHF 2
			4			0
			3	2		
Bandwidth	MHz	47 ÷ 68 174 ÷ 230	470 ÷ 862	47 ÷ 68 132 ÷ 862	87,5 ÷ 108	
Programmable filter width (channels)		-	1 ÷ 7	-	-	
Gain	dB	35	45	18	30	
Independent regulation per filter	dB	30	30	-	30	
Selectivity N (+/-20 MHz)	dB	-	20	-	-	
Noise figure	dB	8	9	-	6	
Operational input level	dBµV					
- Analogue		70 ÷ 93	60÷83 / 70÷93	90	71 ÷ 101	
- Digital		-	45÷68 / 55÷78	75	-	
Output level DIN 45004B -60 dBc	dBµV		114		105	
Operational output level for 10 analogue channels	dBµV		107		-	
Operational output level for 10 digital channels	dBµV		92		-	
Programmable DC pass 12 / 24 VDC	mA	-	55	55	-	

## APPLICATION EXAMPLE

