

**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

PROGRAMMABLE SELECTIVE AMPLIFIER

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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	UHF 2	-	-
			5	0		
			4	1		
			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 (35)		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		60 ÷ 83	45 ÷ 68 (55 ÷ 78)		80	-
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 0/ 12 / 24 VDC	mA	-	50	50	-	-

APPLICATION EXAMPLE

