

# MICROMATV<sup>®</sup> Series

**Universal amplification system capable of independently amplifying and regulating 8 UHF channels as well as to process VHF and FM signals.**

## APPLICATION

Designed for community headend installations of terrestrial TV in medium to individual sized installations. The ideal solution for dealing with different signal levels. Suitable for installations located in medium or low signals areas. The unit is designed to receive signals coming from two UHF antennas. The system can be configured according to the number of channels picked up by each antenna.

## CHARACTERISTICS

- Easy to programme. Keyboard selection with digital display allows any combination of UHF channels, processing them completely independently.
- All functions are automatically memorized by a FAGOR microprocessor.
- The channels can be reprogrammed.
- Designed to provide maximum versatility, it is easy to expand and can be adapted to receive new channels in the future.
- The UHF, VHF split amplifier guarantees IM2 free operation.
- Includes an Output Level Meter, making the use of any additional equipment unnecessary.
- The SAB 252 amplifier is specially designed for use as a MicroMATV output amplifier.



Supply voltage	220 Vac ± 10 %
Current drawn	10 W / 10 W
Operating temperature range	0 ÷ 50° C

MODEL		MICROMATV <sup>®</sup>			SAB 252		
Reference		35491			35252		
Number of inputs		BI - BIII 1	UHF 2	FM 1	1		
Frequency range		47 ÷ 68 132 ÷ 300	470 ÷ 862	87,5 ÷ 108	47 ÷ 68 174 ÷ 230	87,5 ÷ 108	470 ÷ 862
Number of channels		—	8	FM	—	—	—
Gain	dB	30	40	- 3	25	33	25
Independent regulation per channel	dB	—	20	—	—		
Regulation	dB	30	—	—	20		
Selectivity (± 20 MHz)	dB	—	>20	—	—		
Noise figure (typ.)	dB	4	3,5	—	7		6
Max. input level	dBµV	106	71	—	106		
Min. input level S/N 30 dB	dBµV	36	36	—	—		
Input level for S/N<45 dB (opt. picture quality)	dBµV	> 51	> 51	—	86		
Output level DIN 45004B (-60dB)	dBµV	106	106	—	117		
Output level for 8 channels (UHF)	dBµV	91 ÷ 100			111		
Isolation between inputs	dB	UHF - UHF UHF - VHF / FM			>30 >60		
Packing dimensions	mm	300 x 270 x 92			250 x 125 x 62		
Weight	Kg	2,6			0,8		