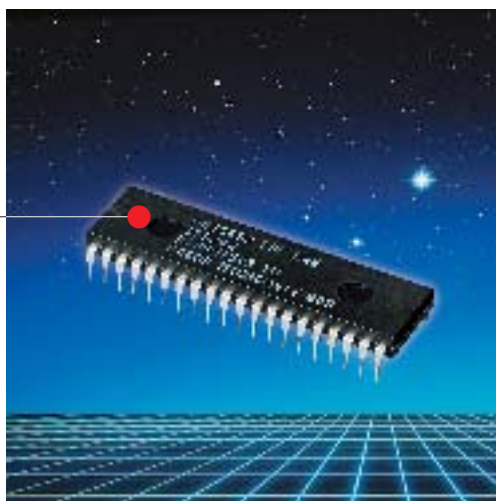


ALL GOOD THINGS COME IN SMALL PARCELS!

MICROMATV Plus, has a new FAGOR micro processor which makes it even more powerful:

- More Inputs
- More Channels
- More Gain
- More Output Power
- More Practical
- Easier to use

In short, a MORE INTELLIGENT product.



All of FAGOR's experience in TV-signal reception and amplification together in one new and advanced

Programmable Selective Amplifier

MICROMATV[®]
plus



The result is in your hands



New! MICRO



More inputs

The new **MICROMATV Plus** allows to process signals coming from 5 differently orientated antennas since it has:

- 2 UHF inputs
- 3 VHF inputs
- 1 FM input

Additionally, there is an auxillar TV signal input between 47-863 MHz.



More channels

MICROMATV Plus processes a greater number of channels each independently from the others.

MICROMATV Plus 5•5

- 5 UHF channels
- 5 VHF channels
- 1 FM channel



More gain

MICROMATV Plus provides higher gain figures:

- 53 dB in UHF
- 43 dB in VHF
- 35 dB in FM



More practical

MICROMATV Plus has a visual level indicator and automatic level regulation for each channel.



More output power

A splitted VHF-UHF preamplifier with a push-pull final stage delivers an output level of 116 dB μ V.



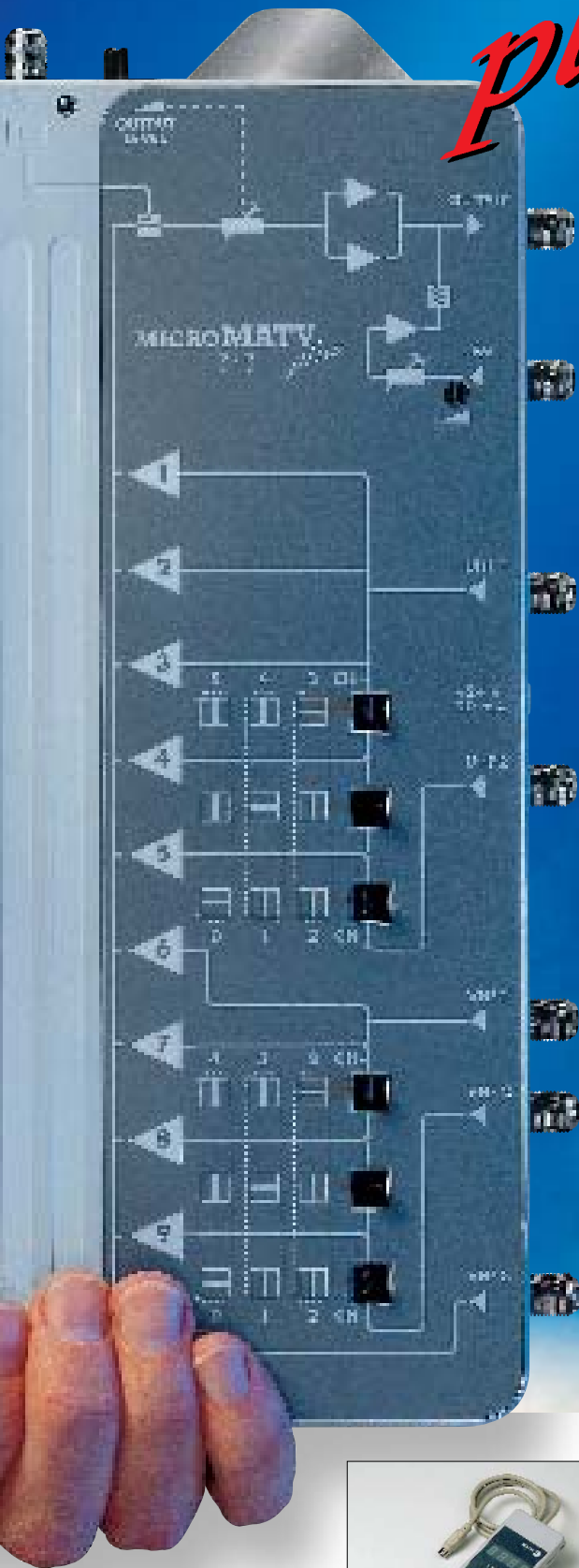
A MORE INTELLIGENT PRODUCT !

MICROMATV Plus is a new Programmable Selective Amplifier with a built-in automatic level equalizer system, which allows you to independently process up to 10 TV channels as well as the FM signal.

And what is more, due to its unique system, **MICROMATV Plus** can be configured in different ways, depending on the number of channels received by each antenna.

But the main advantage of **MICROMATV Plus** is a new and totally exclusive function: its Automatic Equalization System "AES". This is an innovative feature which allows a very simple setting-up to the installers. Even without a Control Unit the microcontroller set to "AES" mode, measures the input level and places all the channels at the same output level. In short, a completely new concept in community terrestrial TV reception.

MATV[®] *plus*



Easier to use:

AUTOMATIC
EQUALIZATION
SYSTEM
AES[®]



The new **MICROMATV Plus** includes a new Automatic Equalization System (AES) to simplify amplifier setting-up.

- It uses a control unit to select the channel number which you wish to tune.
- The AES mechanism automatically adjusts existing TV signal levels.
- You only have to adjust a general output level using the "OUTPUT LEVEL" control.

MICROMATV Plus can also be manually adjusted if you prefer.

CONFIGURATION TABLE FOR EACH MODEL



CONFIGURATIONS

	MICROMATV plus 5.5			MICROMATV plus 1.9				MICROMATV plus 2.8		
	A	B	C	A	B	C	D	A	B	C
FM	•	•	•	•	•	•	•	•	•	•
UHF 1	3	4	5	5	6	7	8	3	4	6
UHF 2	2	1	0	3	2	1	0	3	2	0
UHF 3	-	-	-	1	1	1	1	2	2	2
VHF 1	2	3	4	1	1	1	1	1	1	1
VHF 2	2	1	0	-	-	-	-	1	1	1
VHF 3	1	1	1	-	-	-	-	-	-	-

NR. OF CHANNELS



UCF 100 control unit.

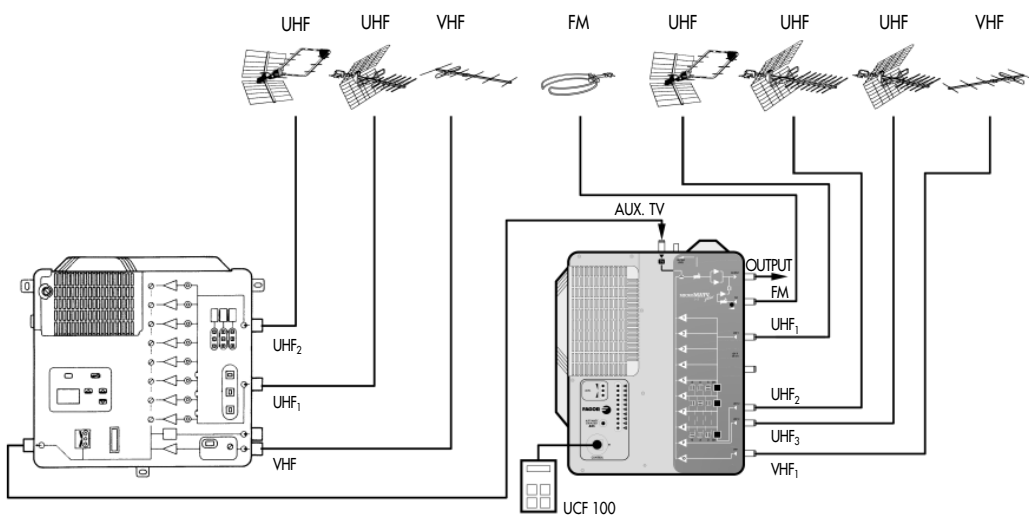
FAGOR



TECHNICAL SPECIFICATIONS

MODEL	MICROMATV Plus 5•5			MICROMATV Plus 1•9			MICROMATV Plus 2•8		
Reference	35450			35465			35485		
Nbr. of inputs	BI-BIII	UHF	FM	BI-BIII	UHF	FM	B-BIII	UHF	FM
Nbr. of channels	3	2	1	1	3	1	2	3	1
Gain	dB			dB			dB		
Independent gain regulation	25/20	20	-	25/20	20	-	25/20	20	-
General regulation	dB			dB			dB		
Selectivity (± 20 MHz)	25			25			25		
Noise figure (typ.)	dB			dB			dB		
Maximum input level	dB μ V			dB μ V			dB μ V		
Min. input level for S/N >45 dB (opt. picture quality)	BI	BIII	UHF	dB μ V			dB μ V		
Operating input level (automatic equalization AES)	BI	BIII	UHF	dB μ V			dB μ V		
Auxiliar input level	dB μ V			dB μ V			dB μ V		
Output level DIN 45004B (-60dB)*	dB μ V			dB μ V			dB μ V		
Output level: 10 channels	dB μ V			dB μ V			dB μ V		
Isolation between input	dB			dB			dB		
Supply voltage	V _{ac}			V _{ac}			V _{ac}		
Consumption	W			W			W		
Operating temperature range	°C			°C			°C		
Dimensions	mm			mm			mm		
Weight	Kg			Kg			Kg		

*FM: DIN 45004B (-30dB)



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COMPONENTS**

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