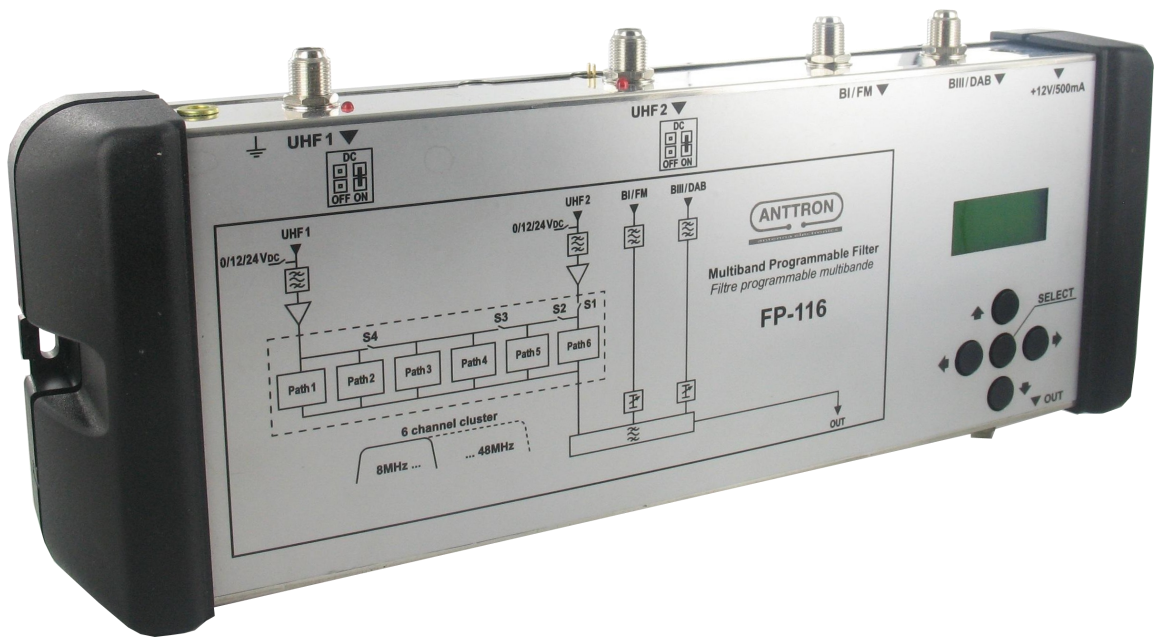




FP116

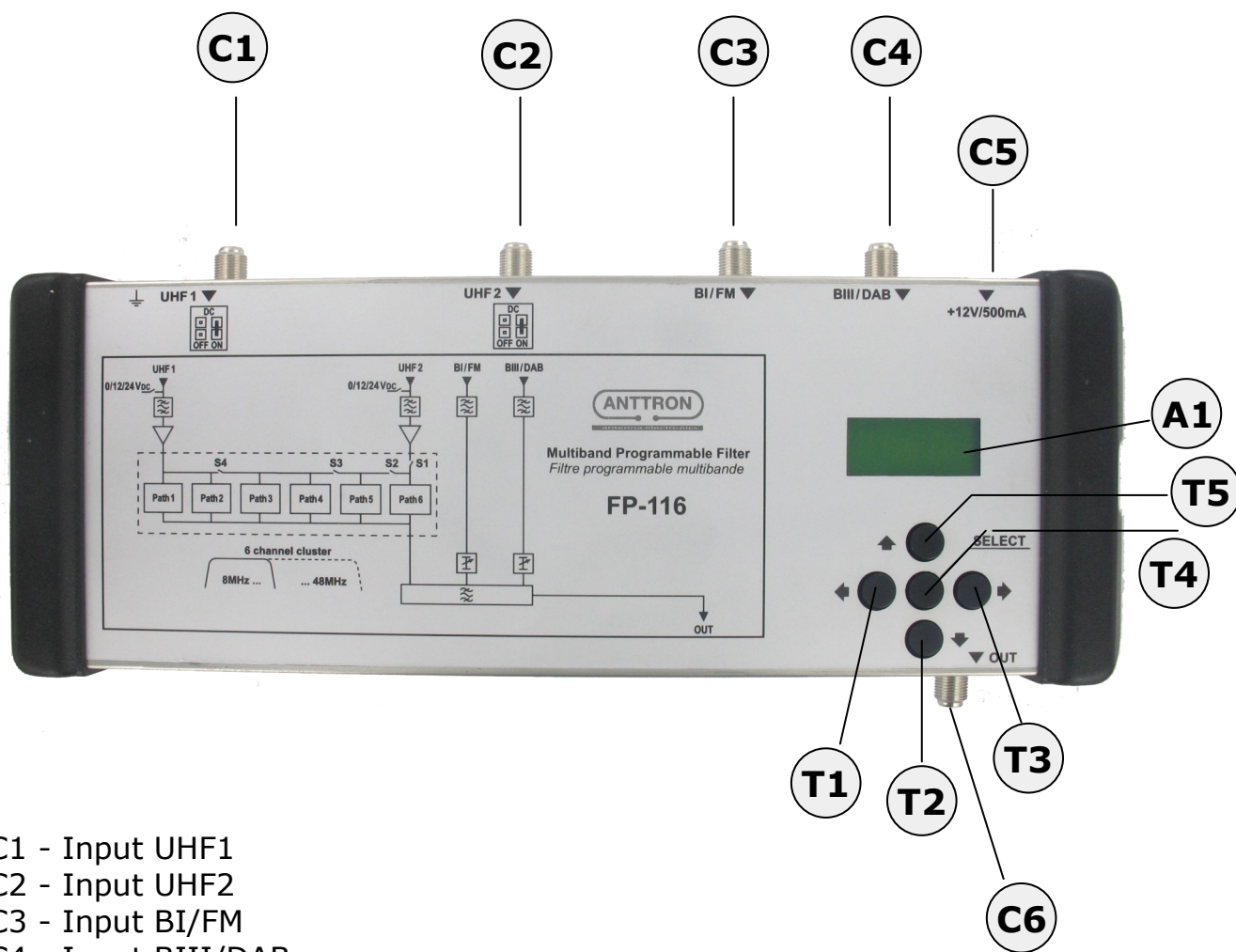
User manual



Programmable multiband filter

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1. Description of elements

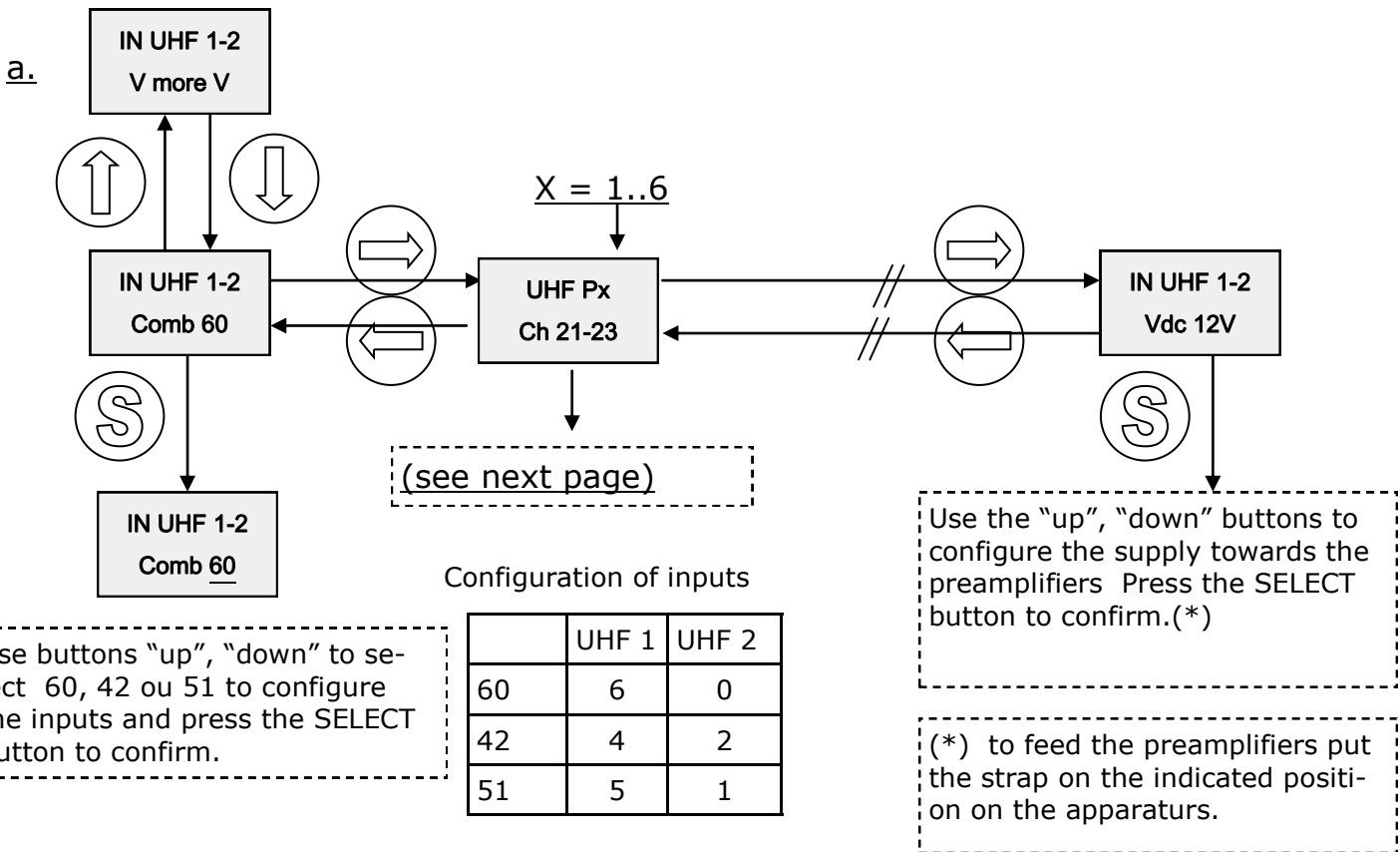
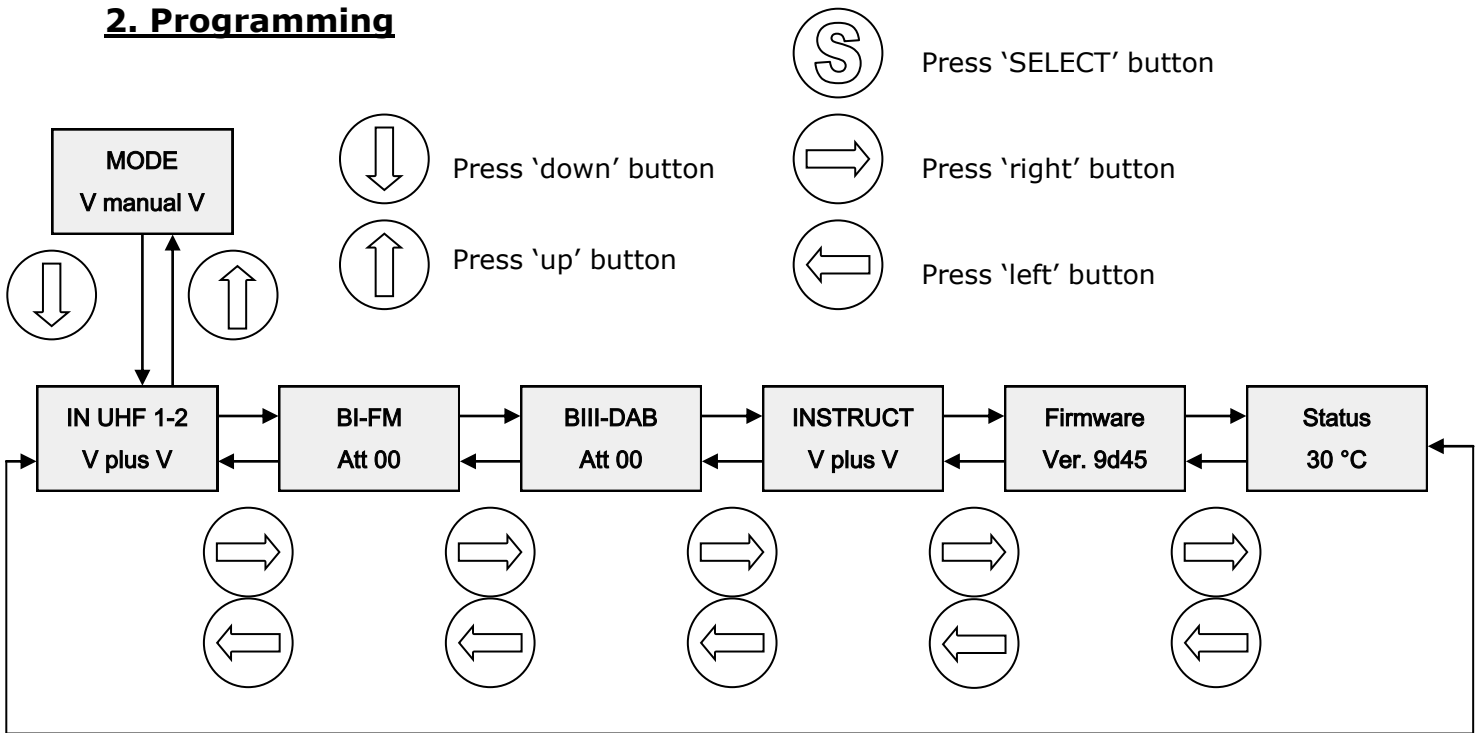


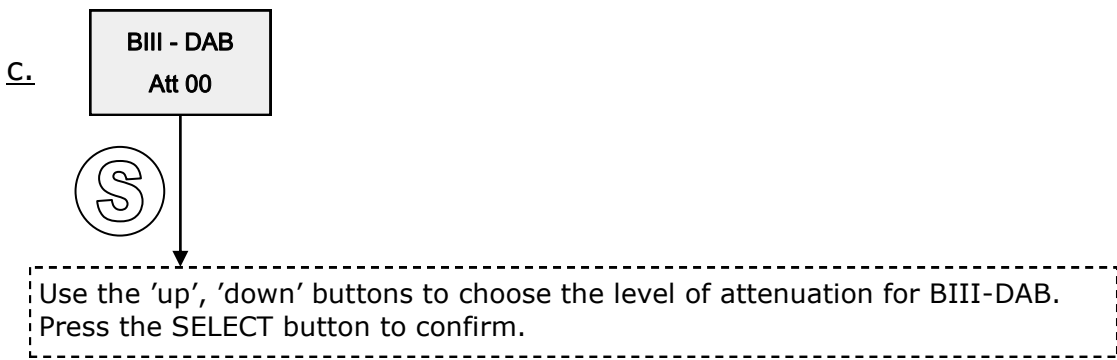
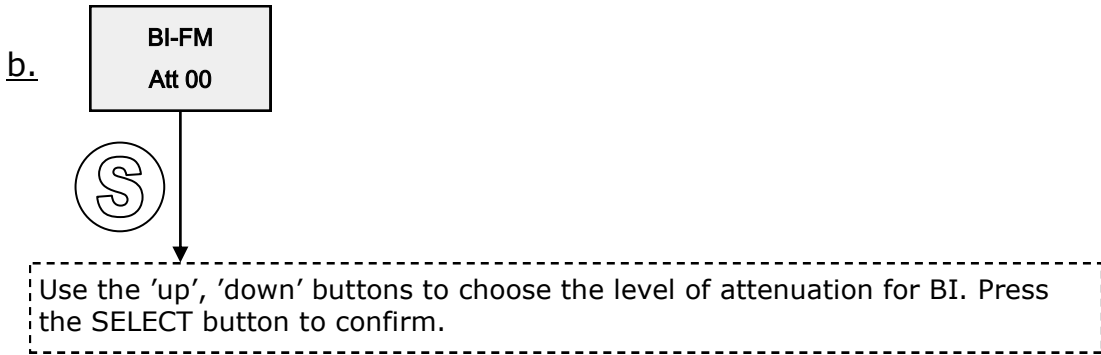
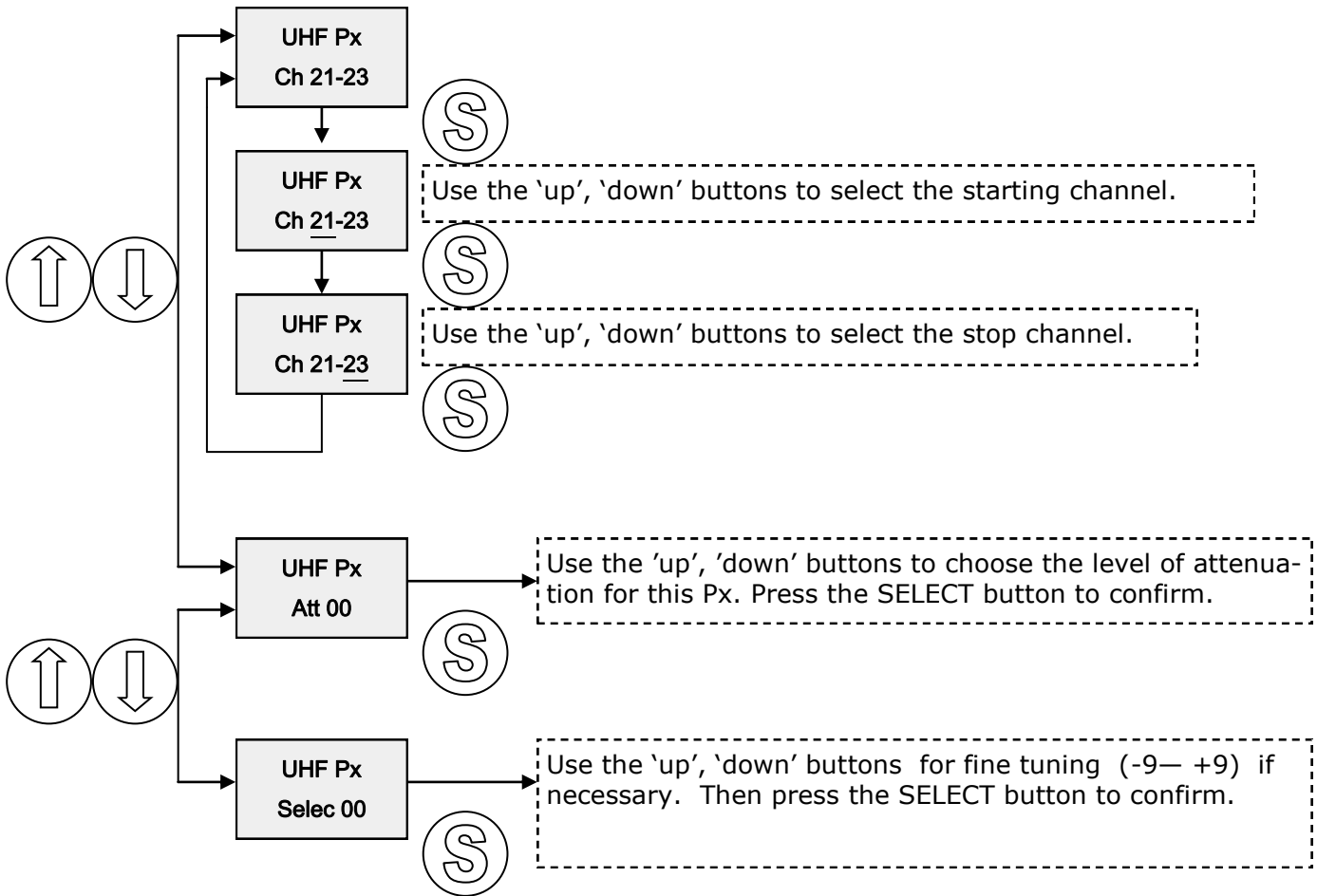
- C1 - Input UHF1
- C2 - Input UHF2
- C3 - Input BI/FM
- C4 - Input BIII/DAB
- C5 - Power supply input 12V - 0.5 A
- C6 - Output

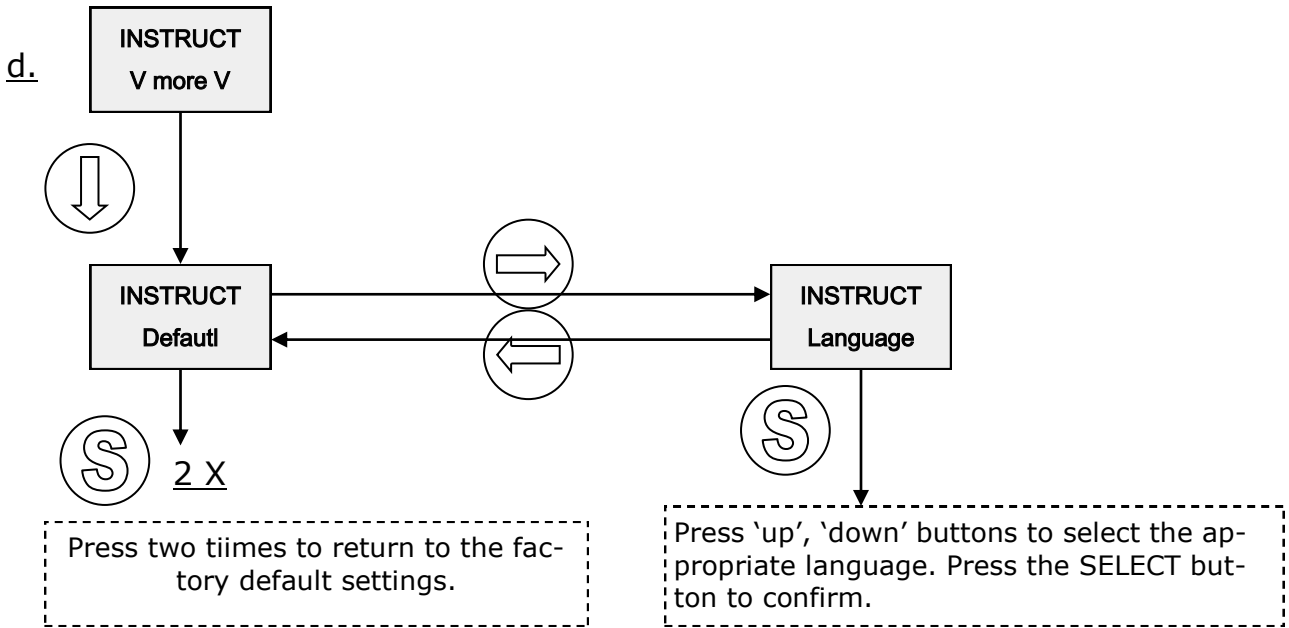
- T1 - Button "left"
- T2 - Button "down"
- T3 - Button "right"
- T4 - Button "SELECT"
- T5 - Button "up"

A1 - LCD display with backlight 2 x 8 characters

2. Programming







e.

FIRMWARE 9.45D	Gives you the firmware installed in the FP-116
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f.

STATUS 36 ° c	Indication of the temperature inside the apparatus.
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3. Technical specifications.

Inputs	BI/FM	VHF	UHF1	UHF2
Frequency range	47-108 MHz	174-230 MHz	470-862 MHz	
Configuration of the UHF inputs	/	/	4-2 / 5 - 1 / 6 - 0	
Gain	-3 +/- 2 dB	-3 +/- 2 dB	-1 +/- 3 dB	
Gain regulation	20 +/- 2 dB	20 +/- 2 dB	20 +/- 2 (for each filter) dB	
Noise figure	/	/	8 dB	
Maximum input level	/	/	78 dBμV	
Maximum output level	80 dBμV **		86 dBμV *	
Selectivity	/		> 1 dB / MHz	
Filter bandwidth	—		1...6 channels(8...48 MHz)	
Gain variation (filter bandwidth 8 MHz)			Max. 3 dB	
Gain variation (filter bandwidth 16..48 MHz)			Max. 6 dB	
OTHER				
DC feed for preamplifiers	—		0-12-24V / 50 mA (each input)	
Short circuit indicator	—		LED - red color	
Temperature range	-5...50 °C			
External power supply	12VDC - 0.5 A			

