

profino

a new Profiler product



Programmable

Filter

Low noise
high gain split band
Amplifier

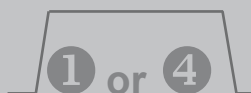
5 UHF Clusters

+

1 VHF



1 to 7 Channels Bandwidth



1 or 4 Ch. Bandwidth

DT Digital
Terrestrial

johansson

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GROUP

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[FEATURES]

- Designed for both digital and analogue channels
- 4 inputs : B I-FM , B III / DAB and 2 UHF inputs splitted over 5 UHF programmable clusters
- UHF clusters can have 1 to 7 channels bandwidth
- B III/ DAB input with 1 or 4 channels bandwidth filter
- BI-FM input for B I or FM or B I + FM
- Easy programming by using one rotary / push button viewed on 2 digits display and LEDs for each cluster and each input
- Unit can be locked by security code
- “Copy” function in order to transfer all settlements from one unit to another reducing time of installation
- High selectivity filters
- Low noise and high gain split band amplifiers
- High UHF input levels up to 105 dB μ V by switchable 20 dB input amplifier
- Attenuators with 1 dB step for accurate equalization
- Selectable remote power on B III and UHF inputs
- 12 - 24 V selectable remote power
- -30 dB Test output

[TECHNICAL SPECIFICATIONS]

Reference	6610			
Inputs	B I-FM	B III / DAB	UHF 1	UHF 2
Frequency range (MHz)	47-108	174-240 7-28 (1 or 4 channels)	470-862 8-56 (1 to 7 channels / cluster)	470-862
Configuration of clusters	47-68 MHz (B I) 88-108 (FM) 47-108 (BI+FM)	1 channel or 4 channels	3 4 5	2 1 0
Gain (dB)	35	35	45	45
Attenuator (dB)	20	30	30	30
Noise figure (dB)	5	5	6	6
Max. input level (dB μ V)	80	80	105	105
Max. output level * (dB μ V)	116	116	116	116
Selectivity	-	15 dB / 10 MHz	10 dB / 10 MHz	10 dB / 10 MHz
Return loss IN / OUT (dB)	>10	>10	>10	>10
Selectable remote power 12 - 24 V (100 mA in total)	-	yes	yes	yes
Test output (dB)	-30			
Data transfer	DSUB9 connector			
Power supply	230 V~ / 20 VA			
Operating temperature (° C)	- 5 to + 50			
Dimensions (mm)	231 x 185 x 53			

* -54 dB / IM3

Specifications are subject to change without notice 10/07