

# Profino Revolution Plus 6711

The **Johansson Profino Revolution Plus** has no equivalent on the market due to its revolutionary technology. As the market leader in digital terrestrial programmable filter **amplifier technology**, the Profino Revolution has already been sold in more than 30 countries.

- programmable terrestrial filter amplifier
- 4 inputs: 1 FM + 1 DAB/VHF + 2 UHF
- read-out of input level strength: no need for field strength meter
- can process and convert 30 channels
- sharpest filters on the market (50 dB on adjacent channels)
- real-time AGC on all individual multiplexes
- flex matrix: complete flexibility in assigning filters from any input
- the Profino Revolution Plus facilitates straightforward configuration and is the most cost-efficient Profiler on the market
- **equalize and optimize terrestrial signals for your optical installation** (70 dBµV output power is optimal: you might use the test port (-30 dB))
- **6711 with SAT input: Ref. 6713 (see SAT specs)**



## Specifications 6711(UK)

Inputs	-	1FM + 1 DAB/VHF + 2 UHF
Outputs	-	1 main (FM-DAB-VHF-UHF) + 1 test port (-30dB)
Frequency range	MHz	FM: 88 - 108   VHF: 174 - 240   UHF: 470 - 862
LTE Protection	MHz	Automatic selection: 694, 790 or OFF
Input level	dBµV	FM: 37 - 77   VHF: 45* - 109   UHF: 45* - 109 (* For 64QAM with code rate 3/4)
FM output power (60dB/IM3)	dBµV	113
VHF/UHF output power (60dB/IM3)	dBµV	114
VHF/UHF output power (35dB/IM3)	dBµV	125
VHF/UHF output power with 1 MUX	dBµV	108
VHF/UHF output power with 6 MUX	dBµV	107
VHF/UHF output power with 15 MUX	dBµV	105
Conversion	-	Yes (from any VHF-UHF channel to any VHF-UHF channel)
Add channels	-	Per 1, 2, 3, 4, 5 or 6 MUXes
Number of channels	-	More than 50 (15 filters)
Gain	dB	FM: 35   VHF: >60   UHF: >60
Gain adjustment	dB	FM: 20   VHF/UHF: Channel AGC
General attenuator	dB	20
VHF/DAB attenuator	dB	15
Selectivity	dB/1MHz	50
Return Loss	dB	10
Output MER	dB	VHF: 35   UHF: 35
ESD protection	-	All inputs
Remote voltage for preamp	V	12 or 24
Remote current	mA	100 (total for the 4 inputs)
Operating temperature	°C	-5 to +50
Power Supply	Vac	100 - 240
Power Consumption	W	15
Dimensions	mm	217 x 165 x 59
Weight	kg	0,8

### SAT specs 6713

Frequency range:	950 - 2400 MHz
Input level:	40 - 95 dBµV
Output power (-35dBc/IM3 2 carriers):	119 dBµV
Gain:	40 dB
Gain adjustment:	20 dB
Noise figure:	8 dB
Slope adjustment:	12 dB
Selectivity:	40 dB (@ 862 MHz)
DC @ SAT input:	13V/18V/Bypass & 0/22kHz
DC Load current:	300 mA