



Smart & Automatic
channel SCAN

REF. KIT6714

Profino Revolution Lite

The Johansson Profino Revolution Lite is an easy-to-use programmable filter amplifier and convertor for terrestrial signals.

The module optimizes terrestrial VHF/UHF signals from multiple inputs.

The state-of-the-art programmable filter amplifier has no equivalent on the market due to its revolutionary technology:

- » Can process and convert more than 50 channels (consisting out of 32 filters, each up to 6 MUXes wide)
- » Can process S-Band output channels
- » 5G LTE Protection (694MHz)
- » Sharpest filters on the market (50 dB on adjacent channels)
- » Real-time AGC on all individual multiplexes
- » Easy programming by using one rotary push button
- » **Smart & Automatic channel SCAN**
- » Complete flexibility in assigning filters from any input. Each channel can be frequency shifted to any other channel in the VHF, S-Band or UHF band (Flex Matrix)
- » To avoid unauthorized persons changing the settings, product can be locked with a security code
- » Made in Europe, for worldwide application
- » 3 VHF/UHF inputs / 32 filters / AGC / 12-24 V remote power
- » Powered via output F-connector
- » Product dimensions (H X W X D): 165mm x 190mm x 59mm



Specifications

Inputs	-	3 VHF/UHF
Output	-	1 (VHF-S-UHF)
Input frequency range	MHz	VHF: 174 - 240 / UHF: 470 – 694
Output frequency range	MHz	174 – 862
LTE protection	MHz	694 (5G)
Input level	dB μ V	VHF: 37* - 109 UHF: 37* - 109
* For 64QAM with code rate 3/4		
VHF/UHF Output power (60dB/IM3)		114
VHF/UHF Output power (36dB/IM3)		125
VHF/UHF Output power with 1 MUX	dB μ V	108
VHF/UHF Output power with 6 MUX		108
VHF/UHF Output power with 15 MUX		105
VHF/UHF Output power with 32 MUX		102
Add channels	-	Per 1, 2, 3, 4, 5 or 6 MUXes
Number of channels	-	More than 50 (32 filters)
Conversion	-	Yes (from any VHF-UHF channel to any VHF-S-UHF channel)
Gain	dB	VHF: >65 / UHF: >65
Gain adjustment	dB	Channel AGC
General attenuator	dB	20
VHF attenuator	dB	15
Noise figure	dB	7
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	50 (total for the 3 inputs)
Operating temperature	°C	-5 to +50
Power Supply	Vac	12V (ref. 2438 provided in the KIT)
Power consumption	W	10
Dimensions	mm	190 x 165 x 59
Weight	kg	0,65



Specifications are subject to change without notice