

	AMPLIFIER HA-024 TERRA	AMPLIFIER HA-126 TERRA 34 dB	MULTIBAND AMPLIFIER HS-004L	MULTIBAND AMPLIFIER HS-016 TERRA	PROGRAMMABLE MULTI- RANGE AMPLIFIER JOHANSSON-6714/LITE JOHANSSON	MULTIBAND AMPLIFIER MA-049L	MultiRAS SW-9108 ProfiSETT TELMOR	PROGRAMMABLE MULTI- RANGE AMPLIFIER TMB-1700/TRIAX TRIAX	MULTIBAND AMPLIFIER WSS-DELTA ProfiSETT TELMOR	PROGRAMMABLE MULTI- RANGE AMPLIFIER WWK-951 TELMOR	DIGITAL SELECTIVE AMPLIFIER WWK-ALPHA+ TELMOR
											
	33.80 EUR 33.80 EUR	43.47 EUR 43.47 EUR	67.63 EUR 67.63 EUR	32.21 EUR 32.21 EUR	187.42 EUR 187.42 EUR	59.66 EUR 59.66 EUR	168.46 EUR 168.46 EUR	187.06 EUR 187.06 EUR	89.74 EUR 89.74 EUR	172.95 EUR 172.95 EUR	258.42 EUR 258.42 EUR
TV amplification (47-862 MHz)	...	34 dB	...	...	...	...	...	...	...	...	...
Pass-band ripple	...	± 0.5 dB	...	...	...	...	...	...	...	...	...
Maximal output level IMD2=60 dB EN50083-3	...	112 dBµV	...	...	...	...	...	...	...	...	...
Output	...	...	...	...	...	...	...	1 x FM / VHF / UHF	...	...	...
Frequency range	47 MHz ... 862 MHz	47 MHz ... 862 MHz	88 MHz ... 230 MHz - VHF, 470 MHz ... 790 MHz - UHF	47 MHz ... 300 MHz - VHF, 470 MHz ... 862 MHz - UHF	174 MHz ... 240 MHz - VHF, 470 MHz ... 694 MHz - UHF	88 MHz ... 108 MHz - FM, 174 MHz ... 230 MHz - VHF, 470 MHz ... 790 MHz - UHF	• 87 MHz ... 112 MHz - FM, • 170 MHz ... 240 MHz - VHF / DAB, • 470 MHz ... 694 MHz - UHF1, UHF2 • 950 MHz ... 2150 MHz - SAT	47 MHz ... 108 MHz - FM, 174 MHz ... 240 MHz - VHF, 470 MHz ... 694 MHz - UHF	• 87 MHz ... 112 MHz - FM, • 170 MHz ... 240 MHz - VHF / DAB, • 470 MHz ... 694 MHz - UHF1, UHF2	47 MHz ... 108 MHz - FM, 174 MHz ... 230 MHz - VHF, 470 MHz ... 862 MHz - UHF	• 87.5 MHz ... 108 MHz - FM, • 170 MHz ... 230 MHz - VHF / DAB, • 470 MHz ... 862 MHz - UHF, • 47 MHz ... 862 MHz - AUX
Gain	• 18 dB ... 20 dB • 27 dB ... 30 dB selectable by switch	...	36 dB ... 39 dB @ VHF 39 dB ... 44 dB @ UHF	20 dB ... 22 dB @ VHF 20 dB ... 22 dB @ UHF	max. 65 dB	30 dB @ FM 30 dB @ VHF 34 dB @ UHF	• 15 dB @ FM • 15 dB @ VHF / DAB • 25 dB @ UHF1, UHF2 • 2 dB ... 6 dB @ SAT	> 65 dB	• 20 dB @ FM • 25 dB @ VHF / DAB • 35 dB @ UHF1, UHF2	21 dB ± 2 dB @ FM 35 dB ± 2 dB @ VHF 45 dB ± 3 dB @ UHF	• 35 / 25 dB @ FM • > 70 dB @ VHF / DAB • > 70 dB @ UHF • 22 / 10 dB @ AUX
Slope adjustment	17 dB	...	14 dB @ VHF, 10 dB @ UHF	...	...	...	...	...	...	...	...
Inputs	...	...	...	...	...	...	8 pcs	1 x FM / VHF / UHF 2 x VHF/UHF	...	...	...
Outputs	...	...	...	...	...	...	• 8 pcs • 5 pcs (Loop through)	...	...	...	...
Maximal output level IMD3=60 dB DIN45004B	97 dBµV	117 dBµV	121 dBµV	104 dBµV	114 dBµV @ VHF / UHF	112 dBµV	...	114 dBµV @ VHF / UHF	...	107 dBµV @ FM / VHF, 116 dBµV @ UHF	...
Gain adjustment	17 dB	0 dB ... 20 dB	0 dB ... 20 dB @ VHF, 0 dB ... 14 dB @ UHF	0 dB ... -15 dB @ VHF, 0 dB ... -12 dB @ UHF	0 dB ... 65 dB - Auto Gain Control	0 dB ... 20 dB	-20 dB ... 0 dB (for single line)	0 dB ... 65 dB - Auto Gain Control	• 0 dB ... 20 dB (for single line) • 0 dB ... 20 dB (summed signal)	0 dB ... 20 dB	• 0 dB ... 20 dB (FM/DAB/VHF/UHF) • 0 dB ... 20 / 10 dB (AUX)
Cable loss correction	...	0 dB ... 18 dB	...	...	...	...	...	...	0 dB ... 16 dB	...	0 dB ... 9 dB (DAB/VHF/UHF)
Number of inputs/outputs	1 / 1 + 1 (1 x test; -30dB)	1/1	1 / 1 + 2 (2 x test; -30dB, -20dB)	1 / 2 + 1 (1 x test; -20dB)	3 / 1	3 / 1 + 1 (test; -30dB)	...	...	4 / 1 + 1 (test; -30dB)	4 / 1	6 / 1 + 1 (test; -30dB)
Pre-amplifiers powering	...	...	...	...	...	...	12 V DC; 50 mA / VHF/DAB, UHF1, UHF2 input	...	12 / 24 V DC; 50 mA / VHF/DAB, UHF1, UHF2 input	...	14 V input
Maximal output level DIN45004B	...	...	...	...	...	...	> 95 dBµV - FM > 95 dBµV - VHF > 95 dBµV - UHF1, UHF2 > 94 dBµV - SAT	...	115 dBµV	...	• 118 dBµV (FM/DAB/VHF/UHF), • 112 dBµV (AUX)
Return loss	...	> 14 dB Return loss (when f>=47 MHz, the suppression lowers 1.5 dB/octave)	...	...	...	...	> 10 dB	...	> 10 dB	...	> 10 dB
S/N ratio	≤ 8.5 dB	< 6 dB	< 6 dB	< 4.5 dB @ VHF < 3 dB @ UHF	...	< 6 dB @ VHF < 5 dB @ UHF	< 17 dB - FM < 10 dB - VHF < 12 dB - UHF1, UHF2	...	< 7 dB	6 dB @ FM, 5 dB @ VHF, 8 dB @ UHF	< 7 dB @ FM
Main features	...	...	...	...	...	...	• ProfiSETT product series • DVB-T, DVB-T2, DAB, DAB+ compliance • Dual UHF input for installations requiring signal reception from different directions • 5G Protected Technology • Continuous gain adjustment • High isolation between inputs : > 20 dB • Gain adjustment • High level of shielding	...	• ProfiSETT product series • DVB-T, DVB-T2, DAB, DAB+ compliance • Dual UHF input for installations requiring signal reception from different directions • 5G Protected Technology • Continuous gain adjustment • High isolation between inputs : > 35 dB • Gain adjustment and output equalization control • High level of shielding • Test point -30dB	...	• DVB-T, DVB-T2, DAB, DAB+ compliance • Digital signal processing • 32 channel filters - selectivity > 35 dB • High isolation between inputs : > 35 dB • Built-in LTE / 5G filter • Automatic and manual preamplifier adjustment • AGC Automatic Gain Control for all channels • Minimum input level : 40 dBµV • Power input signals measurement • Auto output power equalization • Adjustable cable power loss correction • Individual adjustment of output levels • Large, readable LCD display • One-touch action buttons • Built-in European channel plan • Channel scan function • Protections : Overvoltage, Short-circuit • DAB mode (VHF bandwidth) with level adjustment • AUX port for connecting a modulator or a headend • Port USB • Test point -30dB
Power supply	230 V AC	...	230 V AC	230 V AC	12 V DC (power adapter included)	230 V AC	12 V DC / 2 A (power adapter included)	12 V DC (power adapter included)	12 V DC / 1.2 A (power adapter included)	230 V AC	12 V DC / 2 A (power adapter included)
Power consumption	≤ 3.5 W	6 VA / 230 V / 50 Hz	5 W	≤ 3.5 W	9 W	7 W	24 W (max)	9 W	14.4 W (max)	20 W	20 W (max)
Operation temp	-20 °C ... 50 °C	-20 °C ... 50 °C	-20 °C ... 50 °C	-20 °C ... 50 °C	-5 °C ... 50 °C	-20 °C ... 50 °C	0 °C ... 50 °C	-5 °C ... 50 °C	-5 °C ... 50 °C	-5 °C ... 50 °C	0 °C ... 50 °C
Weight	0.33 kg	0.930 kg	0.68 kg	0.33 kg	0.5 kg	0.67 kg	0.63 kg	0.536 kg	0.42 kg	0.7 kg	0.68 kg
Dimensions	133 x 63 x 39 mm	107 x 145 x 53 mm	179 x 135 x 52 mm	133 x 63 x 39 mm	190 x 163 x 58 mm	179 x 135 x 52 mm	192 x 185 x 50 mm	190 x 165 x 59 mm	190 x 135 x 52 mm	257 x 128 x 51 mm	200 x 190 x 51 mm
Manufacturer / Brand	TERRA	...	...	TERRA	JOHANSSON	...	TELMOR	TRIAX	TELMOR	TELMOR	TELMOR
Guarantee	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years	2 years



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