

NevoSwitch®



SCALABLE 13X AND 17X MULTISWITCHES RANGE EUROPEAN QUALITY AND DESIGN



THE BEST CHOICE FOR IRS SYSTEMS

3x and 17x multiswitches range with multiple outputs (8, 12, 16, 24 and 32) with available through outputs to connect several multiswitches in cascade configuration and therefore extend the number of users.

Switch to choose between star and cascade configuration.

Both ranges feature a 13 wires amplifier (12 satellite plus terrestrial) and 17 wires amplifier with 25dB preaccentuated gain on satellite and 25dB gain on terrestrial with through powering.

✓ Product range

REF.	DESCRIPTION	EAN 13
MULTISWITCHES 13x		
714701	NEVOSWITCH 13x13x8 "F" TERMINAL/CASCADE	8424450173176
714702	NEVOSWITCH 13x13x12 "F" TERMINAL/CASCADE	8424450173183
714703	NEVOSWITCH 13x13x16 "F" TERMINAL/CASCADE	8424450173206
714704	NEVOSWITCH 13x13x24 "F" TERMINAL/CASCADE	8424450173213
714705	NEVOSWITCH 13x13x32 "F" TERMINAL/CASCADE	8424450173220
LINE AMPLIFIERS 13x		
714709	NEVOSWITCH AMPLIF.13x13 "F" G4/31/27 Vs105	8424450173510

REF.	DESCRIPTION	EAN 13
MULTISWITCHES 17x		
714801	NEVOSWITCH 17x17x8 "F" TERMINAL/CASCADE	8424450173237
714802	NEVOSWITCH 17x17x12 "F" TERMINAL/CASCADE	8424450173244
714803	NEVOSWITCH 17x17x16 "F" TERMINAL/CASCADE	8424450173251
714804	NEVOSWITCH 17x17x24 "F" TERMINAL/CASCADE	8424450173268
714805	NEVOSWITCH 17x17x32 "F" TERMINAL/CASCADE	8424450173275
LINE AMPLIFIERS 17x		
714809	NEVOSWITCH AMPLIF.17x17 "F" G4/31/27 Vs105	8424450173527

POWER SUPPLY UNITS

732101	NEVOSWITCH ALIM. 12V-0,8A - 230Vac	8424450173909
732210	NEVOSWITCH ALIM. 12V-1,5A - 110/230Vac UK	8424450175163
732801	NEVOSWITCH ALIM. 12V-3A - 230Vac	8424450173497
593203	POWERING 12V - 2A (DIFFERENT PLUGS) UL	8424450173671



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EUROPEAN QUALITY AND DESIGN

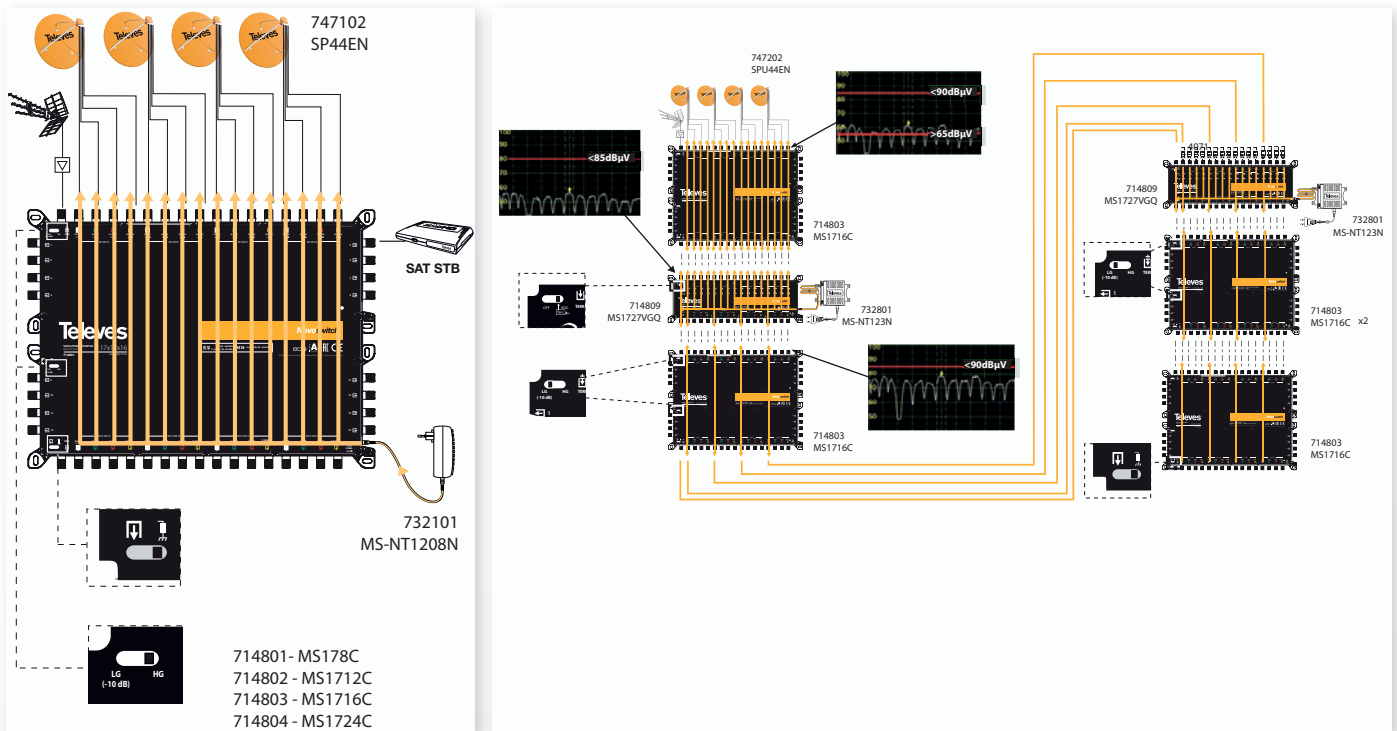
✓ Highlights

- Radiation immune thanks to its zamak made chassis.
- All switch references are valid for standalone, star or cascade configuration.
- Selectable IF gain (+10 dB) for each group or 8 users to balance the output signals.
- Multiple powering options: mains and line powered.
- **ECO mode:** the overall consumption is reduced as the number of users decreases.

✓ Main features

- **Small sized design:** Make the most of space to accommodate more TV subscribers.
- Use the same multiswitch in either star/cascade or standalone configuration.
- Independent amplification of every feed (8 satellite plus Freeview).
- **Multiple powering options: mains and line powered.**
- Adjustable gain and equalization to achieve the best performance for every system's requirements.

✓ Application examples



✓ Manufacturing



Product manufactured and verified in Televés' robotized lines.



SCALABLE 13X AND 17X MULTISWITCHES RANGE

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✓ Technical features 13x

			714701	714702	714703	714704	714705
Type			13x13x8	13x13x12	13x13x16	13x13x24	13x13x32
Frequency range	MHz	SAT	950 ... 2400				
		RF	88 ... 862				
		RP	5 ... 65				
Input level	dBμV	SAT	112				
		RF	90				
Through losses	dB	SAT	2...5	3.5 ... 10		6...15	8...18
		RF	2	4		6	8
		RP	3	6		9	12
Tap losses 1..8 / 9..16 / 17..24 / 25..32	dB	SAT ¹	3/-/-	3/6/- /-		3/6/10/-	3/6/10/14
		RF	4/-/-	4/6/- /-		4/6/8/-	4/6/8/10
		RP	34/-/-	34/37/-		34/37/40/-	34/37/40/43
Isolation	dB	H/V	>30				
		Users	>25				
DC Pass			Input-Output / Output-Input				
Max. total consumption	mA	PSU	40	85	85	130	170
		Low Gain ²	85	150	170	260	350
		High Gain ²	40				
Temperature range	°C	-5...+45 °C					
Protection level	IP	IP20					
Weight	g	900	1800	1900	2900	3900	
Dimensions	mm	280x120x30	280x253x30	280x253x30	350x385x30	350x520x30	

(1) LG - 10 dB (2) if output charged => + 65mA

			714709
Type			13x13
Frequency range	MHz	SAT	950 ... 2400
		RF	88 ... 862
		RP	5 ... 65
Output level	dBμV	SAT	110
		RF	110
Gain	dB	SAT	25
		RF	27
		RP	-3
		Regulation	10
		Slope	0..7
Isolation	dB	>25	
Powering	Vdc	12	
DC Pass			Input-Output / Output-Input
Max. total consumption	mA	950	
Temperature range	°C	-5...+45	
Protection level	IP	IP20	
Weight	g	830	
Dimensions	mm	280 x 120 x 30	

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✓ Technical features 17x

			714801	714802	714803	714804	714805	
Type			17x17x8	17x17x12	17x17x16	17x17x24	17x17x32	
Frequency range	MHz	SAT	950 ... 2400					
		RF	88 ... 862					
		RP	5 ... 65					
Input level	dB μ V	SAT	112					
		RF	90					
Through losses	dB	SAT	2...5	3.5 ... 10		6...15	8...18	
		RF	2	4		6	8	
		RP	3	6		9	12	
Tap losses 1..8 / 9..16 / 17..24 / 25..32	dB	SAT ¹	3/-/-/	3/6/-/-		3/6/10/-	3/6/10/14	
		RF	4/-/-/	4/6/-/-		4/6/8/-	4/6/8/10	
		RP	34/-/-/	34/37/-/-		34/37/40/-	34/37/40/43	
Isolation	dB	H/V	>30					
		Users	>25					
DC Pass			Input-Output / Output-Input					
Max. total consumption	mA	PSU	Low Gain ²	45	90	90	130	170
			High Gain ²	90	150	170	260	350
		Receiver	40					
Temperature range	°C	-5...+45 °C						
Indice de protección	IP	IP20						
Weight	g	1100		2400	2400	3700	5000	
Dimen.	mm	350x120x30		350x253x30	350x253x30	350x285x30	350x515x30	

(1) LG - 10 dB (2) if output charged => + 85mA

			714809
Type			17x17
Frequency range	MHz	SAT	950 ... 2400
		RF	88 ... 862
		RP	5 ... 65
Output level	dB μ V	SAT	EN50083-3 IM35dBc 110
		RF	DIN 45004-B 110
Gain	dB	SAT	25
		RF	27
		RP	-3
		Regulation	10
	Slope	0 .. 7	
Isolation	dB	>25	
Powering	Vdc	12	
DC Pass			Input-Output / Output-Input
Max. total consumption	mA	950	
Temperature range	°C	-5...+45	
Protection level	IP	IP20	
Weight	g	1100	
Dimensions	mm	350 x 120 x 30	