

Triax TMM Amplifiers

TMM 55-30 AMP

- 4 x Satellite Amplifiers plus 1 x Terrestrial Amplifier
- Gain and slope control on all inputs
- Line powered or powered from external power supply
- Power on LED's
- Colour coded inputs and outputs
- 30dB Gain

TMM 44 AMP

- 4 x Satellite Amplifiers
- High Gain and Output
- Gain and slope control on all inputs
- Line powered or powered from external power supply
- Power on LED's
- Colour coded inputs and outputs

TMM Terrestrial Distribution Amplifier (TDA)

- Single Wideband Input, Single Output
- High Gain and Output
- Gain and slope controls
- Line powered via Input or Output, or powered from external power supply
- Directional DC switch (Power Up, Power Down or Power Up + Down)

TMM Terrestrial Launch Amplifier (TLA)

- Splitband Inputs, Single Output
- Band I/II (FM), Band III/DAB plus two UHF Inputs.
- High Gain
- Gain control on all inputs, Slope controls on UHF Inputs
- Line powered via Output or powered from external power supply
- Switchable Masthead Amplifier supply on UHF 1 Input

TMM 99-30 AMP

- Amplifier for 8 satellite and 1 terrestrial TV, 1 x 5 way and 1 x 4 way amplifier housed together
- Gain control 0-20 dB
- LED indication on all inputs
- Switch DC path to terrestrial input, output 'On' permanently
- External power supply (305310)

TYPE	TMM 55-30AMP	TMM 44AMP	TMM TLA TERR LAUNCH AMP	TMM 99-30AMP	TMM TDA TERR DISTRIBUTION AMP
PART NUMBER	305300	305305	305315	307301	305306
FREQUENCY RANGE (MHz)	47 - 2150	950 - 2150	47 - 862	47 - 2150	47 - 862
INPUTS	4 SAT / 1 TERR	4 SAT	1 X B1/FM : 1 X BIII/DAB : UHF 1 : UHF 2	8 SAT + 1 TERR F-TYPE IEC 60169-24 (f)	1
OUTPUTS	4 SAT / 1 TERR	4 SAT	1	9 x F-TYPE IEC 60169-24 (f)	1
GAIN(dB)	TERR W/B (47-862 MHz)	30		30	30
	TERR BI /FM (47 -108 MHz)			40	
	TERR BIII/DAB (174-230 MHz)			40	
	TERR UHF 1 (470-862 MHz)			40	
	TERR UHF 2 (470-862 MHz)			40	
	SAT 950-2150	30	40	30	
GAIN CONTROL (dB)	TERR W/B (47-862 MHz)	20		0 - 20	0 - 20
	TERR BI /FM (47 -108 MHz)			0 - 20	
	TERR BIII/DAB (174-230 MHz)			0 - 20	
	TERR UHF 1 (470-862 MHz)			0 - 20	
	TERR UHF 2 (470-862 MHz)			0 - 20	
	SAT 950-2150	20	0 - 20	0 - 20	
SLOPE CONTROL (dB)	TERR W/B (47-862 MHz)	0 - 7		0 - 7	0 - 18
	TERR BI /FM (47 -108 MHz)				
	TERR BIII/DAB (174-230 MHz)				
	TERR UHF 1 (470-862 MHz)			0 - 10	
	TERR UHF 2 (470-862 MHz)			0 - 10	
	SAT 950-2150	0 - 10	0 - 10	0 - 10	
OUTPUT LEVEL (dBuV)	SAT (IMA3, 35dB) EN50083-3	110	115	110	
	TERR (IMA3, 60dB) EN50083-5			115	
	W/B (47-862 MHz)	115			118
	BI /FM (47 -108 MHz)			118	
	BIII/DAB (174-230 MHz)			118	
	UHF 1 (470-862 MHz)			115	
	UHF 2 9470-862 MHz)			115	
ISOLATION (dB)	TRUNK - TRUNK	32	35	32	
	TERR W/B (47-862 MHz)	10		10	10
RETURN LOSS (dB)	TERR BI /FM (47 -108 MHz)			10	
	TERR BIII/DAB (174-230 MHz)			10	
	TERR UHF 1 (470-862 MHz)			10	
	TERR UHF 2 (470-862 MHz)			10	
	TERR OUTPUTS 47 - 862	10		10	10
	SAT INPUTS 950 - 2150	10	10	10	
	SAT OUTPUTS 950 - 2150	10	10	10	
	LNB POWER SUPPLY	2 X 14VDC / 2 X 18VDC, 400mA MAX	2 X 14VDC / 2 X 18VDC, 400mA MAX		4 x 14 + 4 x 18 VDC, Max 400mA
EXTERNAL SWITCH MODE POWER SUPPLY	18VDC IN VIA 3.5mm DC JACK	18VDC IN VIA 3.5mm DC JACK	18VDC IN VIA 3.5mm DC JACK	18VDC IN VIA 3.5mm DC JACK	18VDC IN VIA 3.5mm DC JACK
LINE POWER SUPPLY VOLTAGE	H: 18V+/-0.5V, V: 13V+/-0.5V	H: 18V+/-0.5V, V: 13V+/-0.5V		H: 18 ± 0.5V ; V:13 ± 0.5V	
TERRESTRIAL THROUGH VOLTAGE / CURRENT	12VDC +/-0.5V, 1.5A MAX			12VDC ± 0.5V, 1.5A MAX	
CURRENT CONSUMPTION (mA)	550	390	320	800	200
CONNECTOR TYPE	'F' (FEMALE)	'F' (FEMALE)	'F' (FEMALE)	'F' (FEMALE)	'F' (FEMALE)
LINE POWERING	VIA INPUT OR OUTPUT	VIA INPUT OR OUTPUT	VIA OUTPUT	VIA INPUT OR OUTPUT	VIA INPUT OR OUTPUT
DC SWITCH (FOR USE WHEN INJECTING DC)	SWITCHABLE TO TERR INPUT		12 +/-0.5 (SWITCHABLE)	SWITCHABLE TO TERR INPUT	SWITCHABLE - UP/DOWN/ UP+DOWN
DIMENSIONS (mm)		181 x 162 x 35.4	181 x 162 x 35.4	362 x 324 x 70.8	181 X 162 X 35.4