

**HIGH QUALITY LINEAR AMPLIFIERS WITH METALL CERAMIC TUBES FOR HF, VHF AND UHF RADIOAMATEUR BANDS.**

**MIDDLE POWER AMPLIFIERS:**

TECHNICAL DATA	ME500-H	ME500-F singleb.	ME500-FD duobander	ME500-V	ME500-U
Frequency (MHz)	1.8-28+WARC	50 or 70	50 <b>and</b> 70	144 - 146	430-440
Power in (W)	0-30	0-30	0-30	0-30	0-30
RF Power out (W)	500	500	500/450	500	450
I/O VSWR max.	1,5	1,5	1.5/1.5	1,5	1,5
Tube(s)	GI46B	GI46B	GI46B	GI46B	GI46B
Dimensions (mm)	410X185X300	410X185X300	410x185x300	270 x 125 x170	270 x 125 x170
Weight (kg)	~24kg	~24kg	~24kg	~24kg	~24kg
Price (Euro) *	1550	1540	1690	1540	1540

**HIGH POWER AMPLIFIERS:**

TECHNICAL DATA	ME750-H	ME750-F singleb.	ME750-FD duobander	ME750-V	ME750-VB	ME750-U
Frequency(MHz)	1.8-28+Warc	50 or 70	50 <b>and</b> 70	144 -146	144-146	430-440
Input imp.	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm	50ohm
Input power	0-60 W	0-50 W	0-50 W	0-50 W	0-10W	0-50W
RF Output pwr	750W	750W	750/700W	750W	750W	700W
Harmonic Out.	>50dB	>60dB	>60dB	>50dB	>50dB	>50dB
IMD	>36dB	>36dB	>36dB	>36dB	>36dB	>36dB
Tube(s)	2xGI7BT	2xGI7BT	2XGI7BT	2xGI7BT	GU74B	GI39B
Dimensions(mm)	410x185x300	410x185x300	410x185x300	410x185x300	410x185x300	410x185x300
Weight	~26kg	~26kg	~26kg	~26kg	~26kg	~26kg
Price(Euro) *	1650	1630	1780	1630	1750	1630

TECHNICAL DATA	ME1200-H	ME1500-F singleb.	ME1500-FD duobander	ME1500-V	ME1200-U	ME1200-UC
Frequency(MHz)	1.8-28+Warc	50 or 70	50 <b>and</b> 70	144-146	430-440	430-440
Input imp.	50 ohm	50 ohm	50 ohm	50 ohm	50ohm	50ohm
Input power	0-100 W	0-100 W	0-100 W	0-100 W	0-75W	0-50W
RF Power out	1000W	1100W	1100/1000W	1000W	800W	1000W
IMD	>36dB	>36dB	>36dB	>36dB	>36dB	>36dB
Harmonic Out.	>50dB	>50dB	>60dB	>50dB	>50dB	>50dB
Tube	GS 35B	GS 35B	GS35B	GS 35B	GS31B	GS23B
Dimensions(mm)	410x185x300	410x185x300	410x185x300	410x185x300	410x185x300	410X185X300
Weight	~29kg	~29kg	29kg	~29kg	~29kg	~29kg
Price( Euro)*	1850	1830	1980	1830	1830	2060

## Very high power „EME” AMPLIFIERS

Very high power PA's for EME & MS operation without external ME2500-S or ME3000-S HV PS.

TECHNICAL DATA	ME2000-F	ME2500-F	ME2000-V	ME2500-V	ME3000-V
Frequency(MHz)	50 or 70	50 or 70	144-146	144-146	144-146
Power in (W)	0-100	0-40	0-100	0-40	0-40
RF Power out (W)	1500	2500	1500	2500	3000
I/O VSWR max.	1,5	1,5	1,5	1.5	1.5
Tube	GS35B	GU84B	GS35B	GU84B	GU78B
Dimensions	19”X7”X14”	19”X7”X14”	19”X14”X14”	19”x14”x14”	19x14”x14”
Weight (kg)	23kg	23kg	25kg	~25kg	~25kg
Price (Euro)*	2150	2690	2150	2690	2795

### OPTIONAL HV POWER SUPPLIES:

TECHNICAL DATA	ME2500-S HV SUPPLY	ME3000-S HV SUPPLY	ME1000-S Switching DC PS
Input [V]	230 or 400 AC	230 or 400 AC	230 AC
Output [V]	2800 DC	3600 DC	13.8V & 28V
Output [A]	2A	1.5A	21A & 27A
Protection	6x Fuse	6x Fuse	Full automatic
Transformer	SU132B	SU152B	Switching PS.
Dimensions	19x7x14”	19x7x14”	270X400X110mm
Weight	36kg	45kg	7kg
Price(Euro) *	900	980	ask

### TRANSVERTERS , SOLID STATE AMPLIFIERS:

TECHNICAL DATA	ME2T-PRO (ME2HT-PRO) 2m Transverter	ME4T-PRO 4m Transverter	ME4-T 4m Transverter	ME6-T 6mTransverter	ME300 4m PA
Frequency IF (MHz)	28-30	27.9-30	27.9-29	28-30	-
Frequency out (MHz)	144-146	69.9-72	69.9-71	50-52	66-73
Power in IF dBm	-20..+37	-20..+37	-20...+37	-20...+37	25w max. inp.
RF Power out (W)	30 (60)	30	25	25	300W RF
I/O VSWR	<1,5	<1,5	<1,5	<1.5	<1,3
Power req. (V/A)	13.8/5/(10)	13,8/5/10	13.8/5	13.8/5	28/15
Dimensions (mm)	240X210X70	240x210x70	240X210X70	240X210X70	210X400X105
Weight (kg)	~1.5	~1,5	1.5	~1.5	~6.7kg
Price (Euro)	530 (600)	530	400	350	430

*\*Prices from: 2011.01.01 without shipping*

**INFORMATION, ORDER:**

**M+E**

**Mechanics & Electronics Inc. Hungary**

Draskovits Gábor HAIYA Szombathely, Kárpáti K. u.43. H-9700  
e-mail: [halya@isiscom.hu](mailto:halya@isiscom.hu) web: [www.halya.hu](http://www.halya.hu)