

LINEAR AMPLIFIER

Professional radio products and accessories

480

25-40 MHz

484

35-50 MHz

100 WATTS – Base – 115V AC

(Standard, non-bilateral)



Hy-Gain Linear Amplifiers are designed to professional standards. The use of Solid State and Printed Circuitry to the greatest degree has provided reliability beyond compare. The use of sealed plug-in relays has reduced contact failure to a minimum. Leading design and production techniques have made available professional quality and high reliability.

Class B Grounded Grid Circuits have long provided stable amplifiers accepted by all communication specialists.

All Hy-Gain Linears incorporate input matching to permit low SWR and maximum power transfer to cathodes. A built-in low pass filter reduces spurious and harmonic content to minus 65 db (in the line at all times). All units meet the spurious and harmful radiation requirements.

All transistor keying provides automatic transmit with application of R.F. power.

SPECIFICATIONS

Drive Requirements:	3.5 watts optimum (will accept 1 through 15 watts)	Weight:	9.0 lbs.
Input Power:	160 watts DC input	Cooling:	Convection
Output Power:	80 watts carrier CW/FM 60 watts AM/100% modulation 100 watts SSB/DSB (amateur service)	Spurious Reduction:	-65 db down at full power
Class of Operation:	Class B Grounded Grid	Primary Power:	110V AC 60cy 3 amps
Switching:	Automatic with application of R.F. power	Power Required to Key:	1 watt
Switching Delay:	Selectable fast attack, slow release for amateur SSB service	Tube Compliment:	2-6JU6
Frequency Coverage:	Model 480 25 to 40 MHz Model 484 35 to 50 MHz	Modulation:	100% when operated per instruction book
		Relays:	1 plug-in, sealed
		Type accepted under Parts 89, 91, 93 for land mobile use.	
		Illegal on Citizen Band.	

HY-GAIN ELECTRONICS CORPORATION

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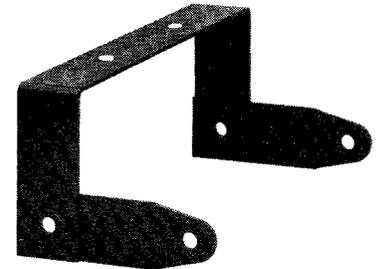
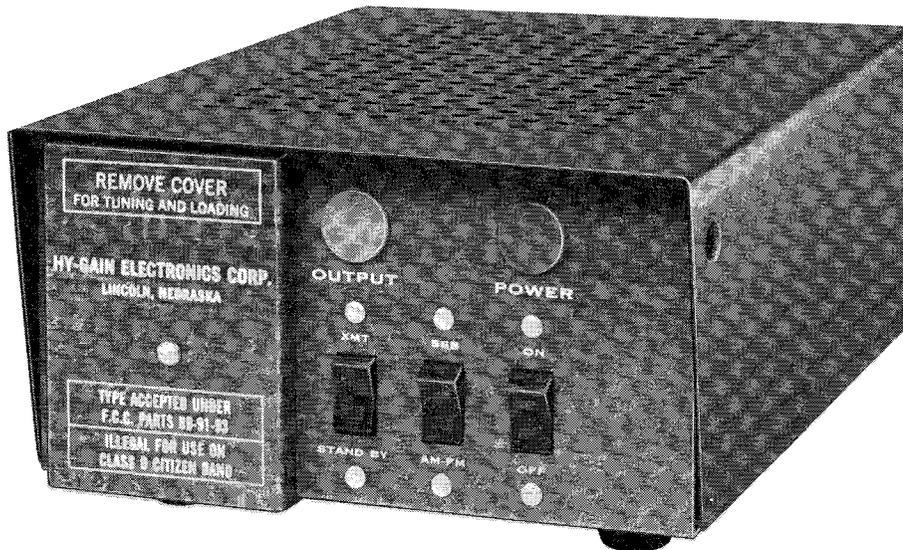
25-40 MHz

485

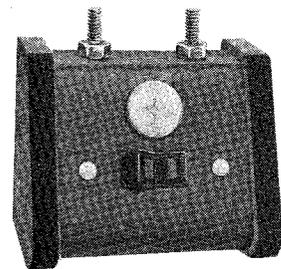
35-50 MHz

100 watts – Mobile – 12V DC

(Standard, non-bilateral)



Mobile mounting bracket
(furnished)



407 remote switch

Attractively designed remote switch Model 407 allows installation of Models 483 and 487 in your car trunk. Linear amplifier may be pre-tuned before installation.

The use of Solid State components and Printed Circuitry wherever possible provides Hy-Gain Linear Amplifiers with incomparable reliability. Hy-Gain Linear Amplifiers use leading design and production techniques to maintain professional quality and the highest reliability. The use of sealed plug-in relays has reduced contact failure to a minimum.

Class B Grounded Grid Circuits provide stable amplifiers accepted by all communication specialists.

To permit low SWR and maximum power transfer to the cathodes, all Hy-Gain Linears incorporate input matching. Spurious and harmonic content is reduced to minus 65 db (in the line at all times) by a built-in low pass filter. All units meet the spurious and harmful radiation requirements.

Automatic transmit provided by automatic keying with application of R.F. power.

SPECIFICATIONS

Drive Requirements:	3.5 watts optimum (will accept 1 through 15 watts)	Weight:	9.0 lbs.
Input Power:	160 watts DC input	Cooling:	Convection
Output Power:	80 watts carrier CW/FM 60 watts AM/100% modulation 100 watts SSB/DSB (amateur service)	Spurious Reduction:	-65 db down at full power
Class of Operation:	Class B Grounded Grid	Primary Power:	12V DC negative ground, 17 amps transmit, 3 amps receive
Switching:	Automatic with application of R.F. power	Power Required to Key:	1 watt
Switching Delay:	Selectable fast attack, slow release for amateur SSB service	Tube Complement:	2-6JU6
Frequency Coverage:	Model 481 25 to 40 MHz Model 485 35 to 50 MHz	Modulation:	100% when operated per instruction book
		Relays:	1 plug-in, sealed
		Type accepted under Parts 89, 91, 93 for land mobile use.	
		Illegal on Citizen Band.	