

# Xiegu XPA125B

## HF & 6m Automatic Amplifier with Tuner



Xiegu XPA125B is a small and lightweight 100 watt HF and 50 MHz solid state linear power amplifier perfect for your QRP radio or low power SDR transceiver. The XPA125B amplifier has a gain of 13 dB making it the perfect amplifier for a 5 watt transmitter when 100 watt output is needed.

The automatic Antenna Tuner Unit and power amplifier unit of XPA125B can be used independently of each other as either an automatic antenna tuner or a separate power amplifier. The tuner handle 14-500 ohm loads in the HF bands 1.8-30 MHz and 6 meter band 50-54 MHz.

The XPA125B has a variety of intelligent protection circuits to protect against High SWR, too much drive power or too high temperature. If a harmful condition appear the amplifier enters bypass mode and displays an alarm message.

The large back lit LCD display shows input and output power, SWR, Voltage, Current, Temperature, amplifier status and warning messages making operation of this modern amplifier simple and user friendly.

XPA125B has automatic band selection via the accessory connection directly compatible with the X5105 or X108 G transceivers. The CN-20 optional interface can also be used to connect a Yaesu FT-817 and FT-818. Finally manual band selection using the front panel BAND buttons is also available.

The smart features in combination with the small form factor and carrying handle also makes XPA125B perfect for field use.

The XPA125B has been FCC approved and is CE compliant.



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# High Performance SDR Technology!



## Specifications

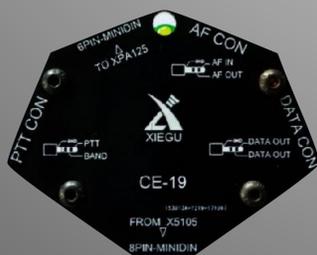
Frequency range:..... 0.5-30 MHz 0,5-54 MHz  
Maximum output power:... 1,8-30 MHz >100W / 50MHz >80W  
Maximum operation temp: +55C  
Gain:..... 13 dB (+/-2dB)  
Spurious suppression:..... >50 dB  
Supply Voltage:..... 12-15 Volt DC  
Transmit current draw:..... max output 30A  
Receive current draw:..... max 700 mA  
ATU Frequency range:..... 1,8-30 MHz & 50-54 MHz  
ATU Tuning range:..... 14-500 Ohm  
Dimensions:..... 260 x 160 x 70 mm (Excluding knobs, feets, handle etc)  
Weight:..... 2,66 kg (Shipping weight 4 kg)

## Optional Accessories

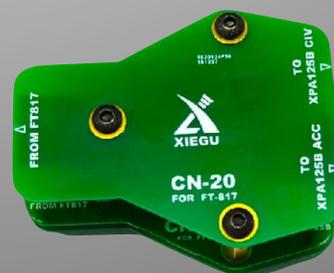
CE-19 Interface for Xiegu G90, X5105  
CN-10 Interface for Yaesu FT-817/818  
SS2-PTT PTT cable for SunSDR2 PRO

## In the box

XPA125B 100 watt power amplifier  
Connection cable for CE-19/CN-20  
USB cable for PC connection  
12 Volt DC power cable  
English user manual  
CE certificate  
Service card



CE-19 interface for Xiegu X5105 & G90



CN-20 interface for Yaesu FT817/818



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