

KL7405V CONNECTION AND TUNE-UP PROCEDURE

The KL7405V power amplifier is designed to be connected by ANT output connector to the 50 Ohm antenna of type expected for the wavelength to be used. The operation of KL7405V begins when the frequency and power on signal available on INPUT connector are inside the specification and threshold expected.

Signal input on RX connector must be provided from external RF source that has an output power maximum of 5Watt. KL7405V has the input circuit protected for a power input maximum of 15Watt, exceed this power value could mean damage the device.

KL7405V must be powered by external supply provided by battery or AC/DC converter by POWER IN terminal put on frontal side of equipment. Since the KL7405V have a 120W maximum output power, external power source must be able to provide this current, typically no higher than 18 Amps to guarantee a correct function of power amplifier.

POWER IN terminal is protected in case of application of reversed polarity by internal circuitry.

