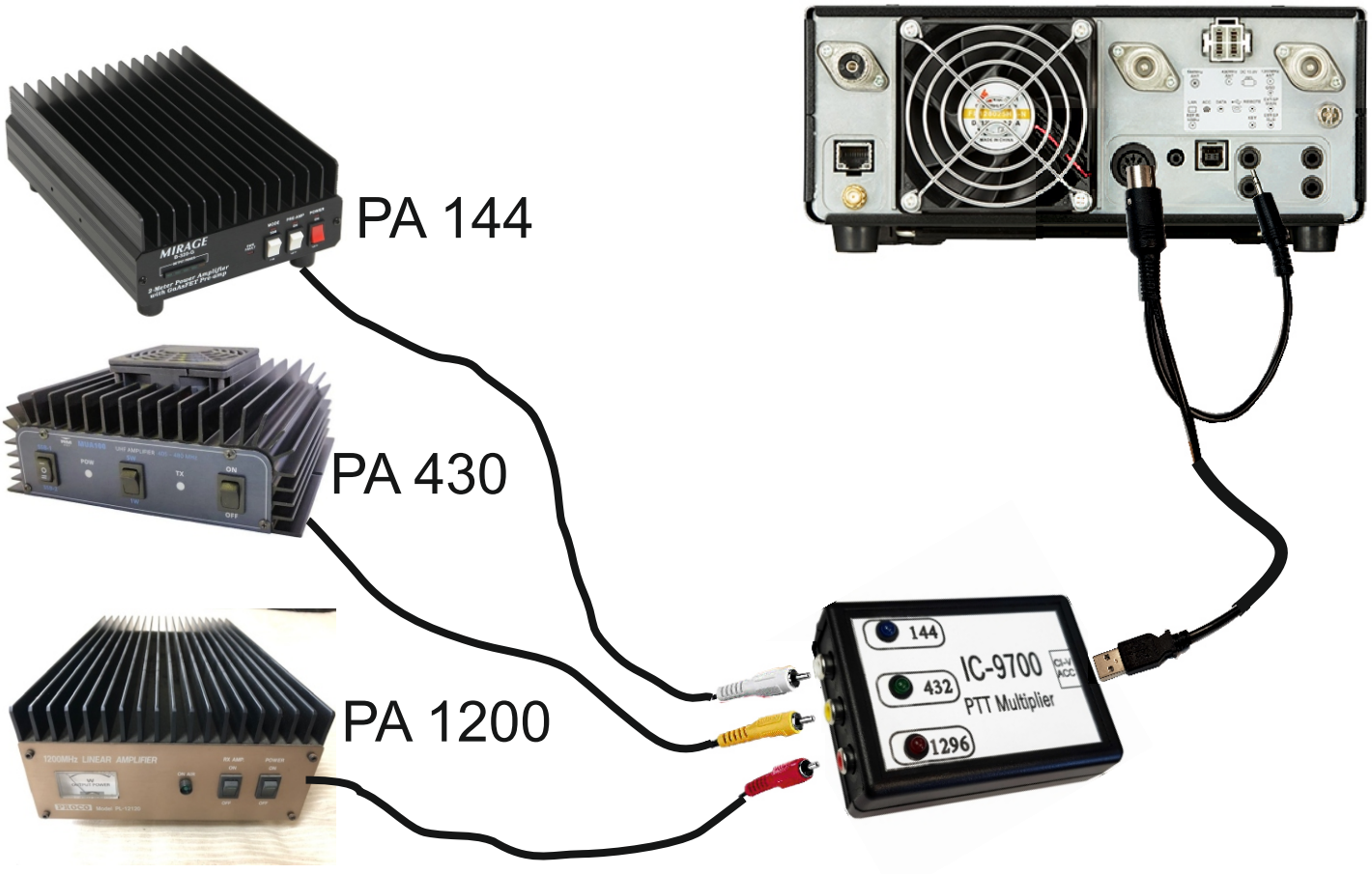
# PTT Multiplier

PTT multiplier for Icom IC-9700 (also works with Icom IC-9100 and Icom IC-7100)
Depending on the band, it selects one of the three outputs and the PTT for the corresponding amplifier
Automatic selection of the correct frequency band used.
Powered by 12v DC from ACC connector of radio
Plug and Play
92 x 66 x 20 mm
Supplied power cable..

The Icom IC-9700 has the limitation of having only one PTT output for operation with linear amplifiers.
The nature of 144/432/1296 band, if you want to add gain, it's usually done with separate amplifiers for each band.
This then presents the problem of how to command these amplifiers individually in the tx of the band you want to operate on.

**Introducing the PTT multiplier** :
The PTT multiplier provides THREE separate BAND SPECIFIC PTT amplifiers by placing only the appropriate PTT link in the tx.
It has an ESP8266 on-board processor that communicates with the IC-9700 via CI-V and retrieves the band data so it knows which TX band to PTT. Since it specifically monitors the transmission frequency, it will handle cross-frequency and satellite operations, selecting the correct output for the transmission band in use.The device outputs are 3 jacks with an LED next to each telling you which band is selected. The device is transparent and the PTT signal. It only directs it to the selected band.

***The PTT multiplier requires the IC-9700 to be set to 9600 baud by default***.

CI-V transmission mode can be turned on or off according to your needs.
USB and CI-V Remote should not be "connected" in the 9700 settings as this could cause potential software conflicts.

After initial activation, it is necessary to switch bands once!