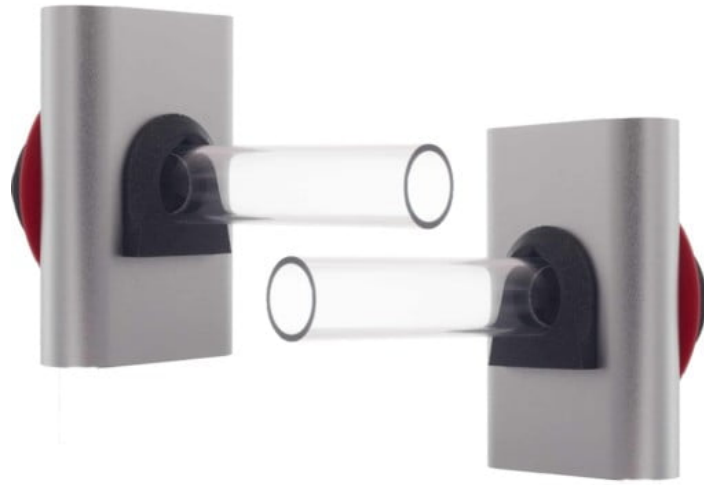




MICROWAVE TRANSMITTER AND RECEIVER 10.5GHZ



SKU: frm-mw-105-txrx



PRODUCT DESCRIPTION

The most advanced microwave transmitter-receiver kit available in the world. The development of this device took two years of work.

Transmitter features:

- HIGH directivity dielectric antenna technology (EXCLUSIVE)
- 3.5mm jack audio modulation input compatible with most smartphones/pc/mp3 player audio out
- 650Hz square wave over 10.5Ghz carrier signal output
- Differently from almost all other models on the market, it does **not** use a Gunn diode. It has instead a reliable and low power RF semiconductor transmitter.

Receiver features:

- 3.5mm jack audio demodulated signal output
- Ultra-high sensitivity demodulator circuitry (EXCLUSIVE)

Common features:

- HIGH directivity dielectric antenna technology (EXCLUSIVE)
- 12V supply
- IEC 61000-4-2 25KV compliant input/output for high ESD tolerance
- Smallest and lightest on the market
- Can be rotated easily on two axes with the optional mount
- Protractor $\pm 90^\circ$ with 1° resolution (EXCLUSIVE)
- Replaceable antenna with bayonet mount (many accessories available) (EXCLUSIVE)

Available customizations (bulk quantity only):

- White labeling
- Custom plastic color
- Custom enclosure paint/anodization
- Custom logo onto the 3D printed plastic components
- Custom color and text behind the antenna
- DC rectified out instead of AC audio signal

Bayonet system: