

Low Frequency Receive Up-Converter – Mark III

RF Input 0 – 500kHz, IF Output 10.0 – 10.5MHz

Code: C-CONV-LF10-III



Description:

A high performance Low Frequency up converter, input frequency range DC to 500KHz and IF Output from 10.000 to 10.500MHz. Operates from 12 volts DC, with relay bypass from Input to Output when the unit is not powered up.

- Input Frequency Range 0 to 500KHz with 7 Pole Broadcast Band rejection filter.
- High Sensitivity Dual Gate Mosfet Frontend.
- IF Output Frequency Range 10 to 10.5MHz (Others available on request)
- Accurate drift free Crystal locked conversion
- 12 Volt DC powered from battery or any regulated supply of 9 to 15 Volts DC negative ground. (Consumption is <50mA@13.8v DC). Note that a 24 Volt model or optional 240v Plug Pack is available

Supplied accessories:–

- 1 x C-CONV-LF10 (10MHz IF Version)
- 1 x Instruction Sheet.
- 1 x BNC-BNC Cable with 3.5mm Adapter
- 1 x 12v DC Power Cable to open ends.

Operation:

1. Connect the converter between your LF Antenna and Receiver, dial up the 10MHz Band.
2. Apply DC Power to converter, note the front panel power switch (up/off => converter bypass)
3. Tune to a known LF Station or Aero Beacon, noting that frequency display is 10.000MHz higher
Example Tune Radio to 10.0198MHz, you should hear North West Cape on 19.8kHz loud and clear!

Notes: Low Frequency reception is subject to the effects of signal propagation, local interference and the time of day. Interference from Electronic / Electrical system can cause problems, so for the best results, we recommend mounting the antenna well away from potential sources of interference.

Please enjoy listening with your new LF Converter !

PK's Loop Antennas
6 Blossom Walk, Croydon Victoria Australia 3136
Mobile +61 412 302 939
Email pkloops@bigpond.net.au

Website www.amradioantennas.com