

LEETEK Model LTK-1000 Transmitter

Operational Description

R020420

Specification

Carrier Frequency:

457.575MHz +/-200Hz

Stability : +/-1.5ppm -10℃ to 50℃, +/-1.0ppm/year Aging

FM Modulation:

Deviation: 4.5kHz

FM Accuracy: +/-5% 4.275 < 4.5 < 4.725 kHz

Data Rate: 1200 BPS 600Hz +/- 5Hz

512 BPS 256Hz +/- 5Hz

Residual FM: Less than 5Hz, 300Hz HPF and 3kHz LPF

RF Output: 26dBm +/-1dB Maximum (0.4W)

Message: Numeric, 7digit Maximum

Address Range: 0000008-0009992 .capcode 7 figure (increase multiple of 8)

Frequency and data rate setting: Through RS-232C connector. Computer program is included.

Address Abbreviation: Pager Addresses are shortened to 3 digit through RS-232C connector. Computer program is included.

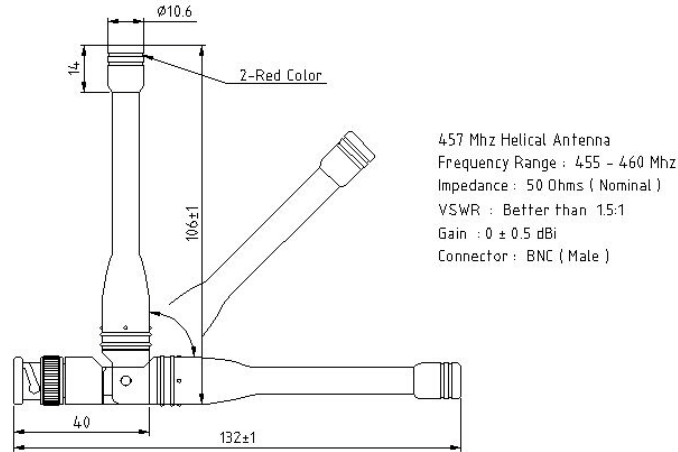
RF ON/OFF: RF is ON only during the message transmission, ADDRESS entered and SEND key pressed.

Power: DC 9V, 1A, AC Adapter

Dimension: W(170) x D(210) x H(67)

Weight: 0.7kg

Antenna Graphic



Operation Procedure

Keypad Sending Unit:

Unwrap all controller components. Lock the antenna into the hole in the upper left hand corner of the controller and slip on the antenna locking cover. Plug the power supply into a standard 110 outlet and plug it into the back of the controller. We recommend some type of surge suppressor on the power supply for protection.

LTK-1000 allows and PC RS-232C control. In remote mode, the front panel operation is not available. The front panel operation use : 1) direct key entry of numeric data and functions, 2) Tab, and 3) Back Space

*Connect the Power Adapter to AC outlet, and DC output connector of the Adapter to LTK-1000 rear panel DC input connector.

* The cursor invites you to enter a pager address (this is any number between 0000 and 1248). Enter 4 digit receiver unit address and press **ENTER**.

1)Press **ADR** key + **Number keys** (Address) + **ENTER** Key.

2)Address Range : 0000 ~ 1248

Use Tab key to set ID Mode. If LTK-1000 power is initialized. Individual ID Mode

1 When select "Out Of Range ID" Mode, don't access "Signal Transmitting"

*After selecting the address, press **MSG**. The screen will now prompt for you to enter a message of up to 24 digits, including the spaces.

*After pressing **TONE**, the following screen appears to offer the selection of the tone types. Again, the cursor invites you to enter a selection, 0 thru 3.

*After entering the message, press **SEND** to send the message. The call will now be transmitted to the receiver unit. Following display will appear on screen during the message transmission.

Some major points to remember when installing the equipment:-

- *Never install aerials near to overhead power lines or adjacent to telephone or public address or data communication lines.
- *Avoid, wherever possible, running aerial feeder cables alongside other cables eg: telephone and mains.
- *Avoid mounting the transmitter in the immediate vicinity of telephones, exchanges or computer equipment. A few feet can make the world of difference in avoiding interference from the radio frequency generated by the transmitter.