



## Secure Voice, Data and Fax system (MELIC)

MELIC system (Secure Telephone Apparatus) is developed in collaboration with Ms. ECIL for secure Voice, Data and Fax Communication on PSTN line suitable for a close user group applications. A central setup for key generation and distribution is created.

### MELIC Features :-

- ❖ Secure voice, data and fax communication
- ❖ Secure and Clear mode of operation
- ❖ Secure mode data rate 2.4 Kbps to 38.4Kbps
- ❖ Auto answer and storage for secure fax calls
- ❖ Authentication for secure fax operation
- ❖ Password protection for keys operation
- ❖ Store three independent password protected key sets.
- ❖ Facilities emergency information destruction
- ❖ FPGA encryption platform



### Keys can be loaded into MELIC using,

1. KEY loader or KEYGUN.
2. Using Key Loader software.

### Key Gun Features : -

- ❖ Can Write Key into keys into MELIC.
- ❖ Can Read Key information from MELIC
- ❖ Interfaces : Rs-232 and USB-2.0
- ❖ Data Rate : 9.6 Kbps in full duplex.
- ❖ Key Erasure: Provision for deliberate erasure through password protection or for three successive wrong password

