

If it's technology leave it to us...
YOU THINK WE MAKE...

THODUKONICS

*The Pioneer of
Customized Communicative Solutions
Since 1990*



Apartment ↓



Office ↓



House ↓



Factory ↓



Mall ↓



Caravan →



← Ship

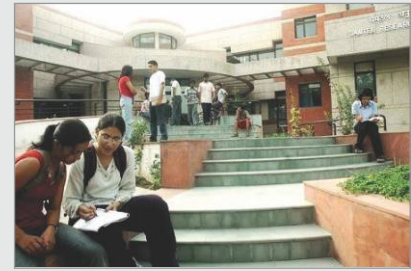


POWER FONE

Smart Wireless Intercoms Ideal For



School ↑



College ↑

Godown →



Bank ↑



← Villas



Hospital ↑



Supermarket ↑



Hotel ↑



Train ↑



Thodontonics Invented a technique for wireless communication via 100~250 volt AC electric line in 1990 and started marketing them under the brand name Powerfone. The main advantage of this advanced intercommunication equipment, the Powerfone, is that it requires no extra wiring as it works through the electric power supply wire. It will be working in any country where the AC supply voltage is between 90V and 250V. For best performance and longer range the Powerfones are supposed to be connected on the same power distribution transformer and to the same phase lines. This Intercoms are pluggable into Dual Phase 220V AC outlet for avoiding phase problem (110V region). Normal telephone works via telephone line (wire) whereas our intercom works via 110V or 230V electric supply line. And thus saves a lot of wiring and is completely robust and stable.



SCHOOL/COLLEGE SMART WIRELESS INTERCOM SYSTEM ISM 1600S

We are introducing wireless 2.4Ghz ISM BAND, Intercom systems, exclusively School & Colleges, which works in world open band. Any user can call and communicate to any other user phone wirelessly. It is possible up to 1000 users. Each of the intercoms will have dialing facility with one two or three digits programable flexible numbers. It works just like normal Land Telephone but they have many smart features specially for Schools/Colleges. The Principal can either toggle Ring or Broadcast his announcement to all class room or selective class room or to a single user wirelessly. This wireless intercom is using Encrypted Adaptive Frequency Hopping Technology. Hence it has super Anti Jamming capability and that nobody can tap your conversation. It is also possible for 250 people to communicate at a time without any can cross taking or mingling. It has a Range of about 300 meter in open area. It will work even in 100 story building with an external antenna. We have also having 2Km range models on request. Battery backup facility is available, if required.

FEATURES

- 2.4Ghz ISM Band Wireless Phone up to 1000 Extensions
- Long Range (open area) 300m and 2Km models
- Broadcasting Facility to Single or multiple handset
- 3.5mm Audio out for External Amplifier
- Selectable Ring tone
- Encrypted Adaptive Frequency Hopping Technology
- Super Anti-Jamming Capability
- Full Duplex communication
- Key Tone, Dial Tone, Ring Back Tone facility
- Simple operation: Same as Land Telephone
- Water Proof Touch keyboard
- No mechanical Hook switch
- Light weight phone
- Low power consumption
- Universal power supply 60V to 250V AC or DC
- High Quality Electronic Circuit
- Battery Backup (optional)
- One Year Warrantee

Technical information

- World Open Band ISM 2.4Ghz
- Number of channels: 125 Duplex Channels
- Frequency range: 2.403 Ghz to 2.485 Ghz
- Duplex procedure: Shock Burst TDMA
- Channel spacing: 512 kHz
- Bit rate: 250 kbit/s
- Modulation: Encrypted GFSK (Gaussian Frequency Shift Keying)
- RF Transmission Power: Approx. 100 mW /1000mW
- Voice coding: PWM Shock Burst ADC 8 kbit/s
- Operating range 300m open area, 100m indoor, OR 2Km open area, 750m indoor.
- Power supply: 60V to 250V AC/DC, 3 - 4 W
- Battery 3.7V / 900mAh Li-Poly (Optional) Standby: up to 100 hours, Talk Time: up to 10 hours

Our Services

The Pioneer of Customized Wireless Solutions

Specialities

Easy of Usage

Low Maintenance

Own Circuit Designs, Programmable Functionalities

On request Models

Software Applications

Specially Designed application “ Vidhya” for schools and colleges

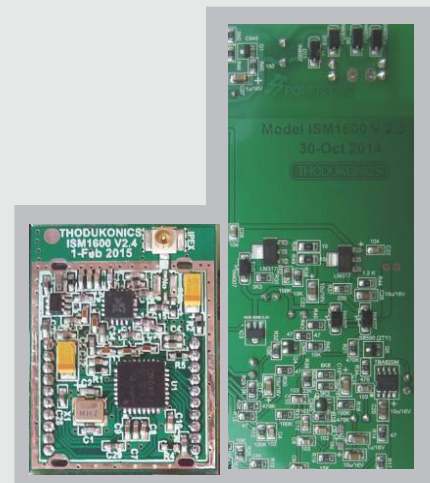
Mobile friendly Web designing

IP Based communication system

Mobile application development

Our Models

- Cordless Intercom Hotline Model N60
- 1000 Station Smart PABX Wireless Intercom Systems ISM1600
- Cordless PSTN Call Dialling Interphone Model N61D
- Wireless Security Master Slave Intercom Systems (1000 Line) Model N62
- Wireless EPABX, Wireless Multi Channel Intercom Systems ISM1600
- Car Vehicle Intercom Systems N60V
- Wireless Multi Channel Door Phone Systems ISM1600D
- Earth / Ground Wire Intercom Systems: Hotline, Door Phone, Multi Line





THODUKONICS

Azad Road, Kaloor, Kochi - 682017, Kerala, INDIA

Phone +91 484 2340209. +91 9447034020.

Fax: +91 484 23402091

E-mail - email@thodukonics.com



+91 9447034020



thodukonics

Helpline : +91 99 47 80 87 57, 82 81 65 8209



thodukonics.com