

# 2.4GHZ, 1000 STATION WIRELESS INTERCOM

PRODUCT CODE: AED-WI-PK-1001-2  
BRAND: AED TECHNOLOGIES

## WIRELESS INTERCOMS



### Product Description

2.4GHz ISM BAND WIFI and Bluetooth Intercom systems works in world open band. It can dial and communicate between wireless intercoms up to 1000 extensions. You need just plug the wireless intercom to any of your 90 - 250V outlet within the range limit. Each of the intercoms will have dialling facility for numbers and also you can change/program the numbers as you require. This wireless intercom uses Encrypted Adaptive Frequency Hopping Technology. Hence, it has super Anti-Jamming capability and also nobody can tap into your conversation. It is also possible for 250 people to communicate at a time without any cross mingling. It has a range of about 300-500m in open area, without any cabling. Broadcasting facility also available for school /college application.

### Product Features:

2.4Ghz ISM Band Wireless Phone up to 1000 Stations Smart PABX. Long Range-500m and 2Km models (open area). Encrypted Adaptive Frequency Hopping Technology. Super Anti-Jamming Capability. Full Duplex communication. Key Tone, Dial Tone, like normal phone and Original Ring Back Tone facility for easy use. Broad Casting Facility. Paging facility for direct announcement. Selectable Ring Tone. Water Proof Touch keyboard. No Redial required, If line busy or not available. It will reconnect automatically when it available. No mechanical Hook switch. Light weight phone. Worldwide universal power supply 60V to 250V AC or DC. Pleasant and Loud Ring Tone. High Quality Electronic Circuit. Battery Backup (optional).

### Technical

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. 100mW / 1000mW  
Voice coding: PWM Shock Burst ADC 8 Kbit/s  
Operating range 100m indoor, 500m open area. 2Km model on request  
Power Supply: 60~250V AC/DC, 3~4W  
Battery (Optional) 3.7V 900mAh Li-Poly: 100 hours Standby and 10 hours Talk time

### Includes

Open Band ISM 2.4Ghz with 1000 extensions  
3.7V 900mAh Li-Poly Battery Backup (Optional)  
Setup and Installation

### Ideal for

Hotels  
Schools  
Hospitals  
Banks  
Homes etc.