



**PCOM**  
*TWO-WAY RADIO*

- SIMPLE OPERATE 2-WAY RADIO
- BUSY CHANNEL LOCK OUT
- CHANNEL ANNUNCIATION
- LOW BATTERY ALERT
- PC PROGRAMMABLE

**U-30i**





# PCOM

TWO-WAY RADIO



### Effortless Audio Clarity

Stay Loud and Clear, Always  
Engineered to provide clear sound without strain, even in noisy environments.



### Secure and Simple Carry

Easy Access, Maximum Security  
Keeps your device within reach while ensuring it stays securely fastened



### Long-Lasting Battery

Endure the Longest Days  
High-capacity battery to keep you connected for longer periods.



### Strong, Flexible Antenna

Designed for Performance  
Enhances your range and clarity, no matter where you are.



NDMR communication principle





# PCOM

## TWO-WAY RADIO

### General

Frequency	446-446.2MHz
Channel Capacity	16 Channels
Power Supply	7.4V DC
Dimensions (without belt clip and antenna)	132mm (H) x 57mm (W) x 35mm (D)
Weight (with battery and antenna)	260g
Operating Temperature	-20°C to +55°C
Battery Capacity	3000mAH Li-ion

### Transmitter

RF Power	0.5W
Channel Spacing	12.5 / 25kHz
Frequency Stability	±1.5ppm
Modulation Deviation	≤ 2.5kHz / ≤ 5kHz
Spurious & Harmonics	-36dBm < 1GHz, -30dBm > 1 GHz
FM Hum & Noise	≤ -40dB @12.5kHz, ≤ +40dB @25kHz
Adjacent Channel Power	≥ 60dB / 70dB
Audio Frequency Response (Preemphasis, 300 to 3000Hz)	+3dB ~ -3dB
Audio Distortion @1000Hz, 60% Rated Max, Dev.	<5%

### Receiver

Sensitivity (12 dB SINAD)	≤ 0.25μV ≤ 0.35μV
Adjacent Channel Selectivity	-60dB
Audio Distortion	<5%
Radiated Spurious Emissions	-54dBm
Inter modulation Rejection	-70dB
Audio Output @<5% Distortion	1W
Spurious Response	65dB



# ACCESSORIES



### Advanced Lithium Battery

Power That Outlasts Your Shift  
Delivers extended battery life with fast recharging capability, keeping your communication seamless throughout the day.



### Easy-Release Belt Clip

Effortless Attachment, Secure Hold  
Innovative clip design for quick attachment and release, providing both security and convenience.



### Precision Antenna

Clear Signal, Clear Communication  
Fine-tuned for superior signal strength, ensuring reliable communication even in remote areas.



### Adaptor

Universal Compatibility  
One Charger for All Your Devices  
Supports a wide range of devices, eliminating the need for multiple chargers.



### Turbo Charger

Quick Charge for Maximum Uptime  
Accelerated charging technology reduces downtime and extends your device's operating time.



### Anti-Slip Handgrip

Firm Hold, Minimal Fatigue  
Specially designed with anti-slip materials for enhanced grip and comfort during prolonged use.



**P. COM SOLUTIONS PVT. LTD.**

3/93, 2nd Floor, Lalita Park,  
Laxmi Nagar, Delhi-110092

Web : [www.pcomsolutions.in](http://www.pcomsolutions.in)

Phn No.9599686189.