



PD660

Digital-Analog Radio



Digital & Analog
Dual-Mode
Communication



Ergonomic Design
with Durable Materials



TDMA Dual-Slot,
Double Efficiency



Crystal-Clear Audio,
Ø40mm Speaker

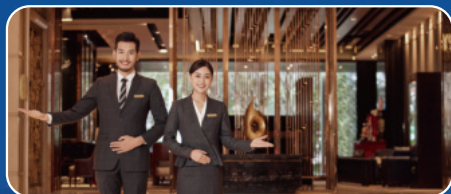


5W High Power Output,
Strong Penetration



Rugged & Reliable,
IP55 Protection

SCENARIOS



Hospitality



Commercial Centers



Emergency Response



Security



Logistics



Sports Events

PRODUCT PARAMETERS

HARDWARE

Frequency Range	VHF: 136-174MHz, UHF: 400-480MHz
Channel Capacity	1024
Channel Spacing	25KHz/12.5KHz
Output Power	UHF: 2W/4W, VHF: 2W/5W
Antenna Impedance	50Ω
Microphone Impedance	2.2kΩ
Bluetooth	Customizable
USB	Type-C
Interface	K-port
Speaker	Ø40mm, 8Ω 2W
Battery	1,500mAh
Working Time	8h
Standby Time	20h
Dimension	125*60*37mm (without Belt Clip and Antenna)
Weight	233.5g
Working Temperature	-20°C ~ +60°C
Storage Temperature	-40°C ~ +75°C

CERTIFICATION

Drop	1.5m
Ingress Protection	IP55
Certification	CE/FCC/ROHS

TRANSMITTER (Standard:EIA-RS 316B)

Modulation Type	Analog: 11KΦF3E@12.5 kHz / 16KΦF3E@25kHz Digital: 7K60FXD (12.5kHz Data), 7K60FXW (12.5kHz Voice & Data)
Frequency Stability	±0.5ppm
Modulation Limiting	±2.5kHz@12.5kHz, ±5.0kHz@25kHz
FM Hum & Noise	≥45dB@12.5kHz, ≥50dB@25kHz
Audio Distortion	≤3%
Audio Response	+1~-3dB
Spurious Emissions	≤-36dBm@<1GHz, ≤-30dBm@>1GHz
Adjacent Channel Power	60dB
Digital Vocoder	AMBE+2™
Digital Protocol	ETSI TS 102 361-1, -2, -3

RECEIVER (Standard:EIA-RS 316B)

Sensitivity	Analog (12dB SINAD): 0.16μV / -123dBm Digital (1% BER): 0.25μV / -119dBm
Intermodulation	60dB
Adjacent Channel Selectivity	60dB
Co-channel Rejection	-8dB
Blocking	85dB
Rated Audio Power Output	2W
Audio Response	+1~-3dB
Audio Distortion	≤3%
Signal-to-Noise Ratio	≥40dB@12.5kHz, ≥45dB@25kHz

STANDARD ACCESSORIES



OPTIONAL ACCESSORIES



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Inrico is dedicated to providing professional communication solutions to global users with quality & efficiency and enrich global wireless communications ecosystem. For more information about our products and solutions, please contact us or visit www.inricosolutions.com.

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