



PROFESSIONAL DIGITAL TWO WAY RADIOS

PRODUCT CATALOG 2024





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AP25 DIGITAL TRUNKING PORTABLE RADIO



VHF: 136-174MHz

UHF: 350-390/400-470MHz



The AP25 is our advanced professional digital trunking two-way radio, engineered for peak performance. It delivers efficient, reliable communication with its clear, loud speaker audio, durable long-lasting battery, and robust construction. Featuring three operating modes—Normal, Trunking, and Repeater—it caters to diverse user needs and doubles as a digital repeater in Repeater Mode. Ideal across various environments and industries, it meets demanding communication requirements.

PRODUCT FEATURES

- 2.4" Anti-Glare Color Display
- 3 Operating Modes: Normal/Trunking/Repeater
- Multiple Standard Protocols: NXDN/DMR
- DMR Tier III • AES256 Encrypted •
- Man Down • Emergency Alarm •
- IP68 Rated Waterproof & Dust-proof*
- GPS/Beidou/GLONASS Positioning (Optional)
- Bluetooth 4.2 Voice/Data Service (Optional)



*Options for intrinsic safety are available upon request.

General

Frequency Range	VHF: 136-174MHz UHF: 350-390MHz / 400-470MHz
Channel & Zone Capacity	2000 Channels (64 Zones with 32 Channels per Zone)
Channel Spacing	6.25kHz (NXDN) / 12.5kHz / 25kHz
Frequency Stability	±1.0ppm
Operating Voltage	7.4V
Battery Capacity	3000mAh
Battery Life (5/5/90)	Analog/NXDN Digital: 13 Hours; DMR/PDT Digital: 16 Hours
Antenna Impedance	50Ω
Dimensions (without Antenna)	5.81" H x 2.48" W x 1.64" D (147.5 x 63 x 41.7mm)
Weight	12.19oz (345.5g)
Ingress Protection (IP) Rating	IP68
Vocoder Type	AMBE+2™ / NVOC

Receiver

Analog Sensitivity	0.18μV (Typical) (12dB SINAD) 0.22μV (12dB SINAD) 0.30μV (20dB SINAD)
Digital Sensitivity	0.20μV (Typical) (BER 5%)
Adjacent Channel Selectivity	60dB @ 12.5kHz / 70dB @ 25kHz
Intermodulation Rejection	65dB @ 12.5kHz / 65dB @ 25kHz
Spurious Response Rejection	70dB @ 12.5kHz / 70dB @ 25kHz
Blocking	90dB @ 12.5kHz / 90dB @ 25kHz
Co-Channel Interference Suppression	-12dB @ 12.5kHz / -8dB @ 25kHz
Rated Audio Output Power	1.0W / 8Ω (5% Distortion)
Conducted Spurious Emission	<-57dBm (9kHz~1GHz) <-47dBm (1GHz~12.75GHz)

Transmitter

RF Power	1W (Low) / ≤5W (High)
Power Margin Variation	+2/-3dB (under Extreme Conditions)
FM Modulation	4K00F1D @ 6.25kHz / 8K0F3E @ 12.5kHz / 16K0F3E @ 25kHz
FSK Error	<2%
4FSK Transmission Bit Error Rate (BER)	≤1×10 ⁻⁴
4FSK Modulation Frequency Deviation Error	≤10.0%
Power Rise/Fall Time	≤1.5ms
4FSK Digital Modulation	7K60FXD @ 12.5kHz (Data Only) 7K60FXE @ 12.5kHz (Data and Voice)
Occupied Bandwidth (DMR)	≤8.5kHz
FM Hum and Noise	40dB @ 12.5kHz / 45dB @ 25kHz
Adjacent Channel Power	≤-60dB @ 12.5kHz / ≤-70dB @ 25kHz
Transient Adjacent Channel Power	≤-50dB @ 12.5kHz / ≤-60dB @ 25kHz
Audio Distortion	≤3% @ 40% Deviation
Audio Response	+1 ~ -3dB
Spurious Emission	≤-36dBm (9kHz~1GHz) ≤-30dBm (1GHz~12.75GHz)



ANTENNA¹



BELT CLIP



AC ADAPTER



CHARGER DOCK



3000mAh BATTERY PACK²

WRIST STRAP



AP25
RADIO

SPECIFICATIONS & ACCESSORIES

1. Various antenna options (UHF/VHF) are available.
2. Customization for battery available upon request.
3. More accessories, such as headphones and programming cables, are available for purchase. Contact us for detailed information.

Q8088 DIGITAL TRUNKING

PORTABLE RADIO

Meet the Q8088, our cutting-edge professional digital trunking radio that utilizes the TDMA protocol with advanced filtering, ensuring superior coverage, even in low RF signal areas. With a 12.5KHz narrow band channel and robust error correction, the Q8088 enables dependable long-distance communication.



PRODUCT FEATURES

- 2.0" HD Color Display • VOX •
- 3 Operating Modes: Normal/Trunking/ Repeater
- Multiple Standard Protocols: NXDN/DMR
- DMR Tier III • Voice Recorder Equipped •
- AES256 Encrypted
- Man Down • Emergency Alarm • Vibration •
- IP68 Rated Waterproof & Dust-proof*
- GPS/Beidou/GLONASS Positioning (Optional)
- Bluetooth 4.2 Voice/Data Service (Optional)

General

Frequency Range	VHF: 136-174MHz UHF: 350-390MHz / 400-470MHz
Channel & Zone Capacity	2000 Channels (64 Zones with 32 Channels per Zone)
Channel Spacing	6.25kHz (NXDN) / 12.5kHz / 25kHz
Frequency Stability	±1.0ppm
Operating Voltage	7.4V
Battery Capacity	2000mAh
Battery Life (5/5/90)	Analog/NXDN Digital: 10 Hours; DMR/PDT Digital: 12 Hours
Antenna Impedance	50Ω
Dimensions (without Antenna)	5.28" H x 2.28" W x 1.26" D (134 x 58 x 32mm)
Weight	9.38oz (266g)
Ingress Protection (IP) Rating	IP68
Vocoder Type	AMBE+2™ / NVOC

Receiver

Analog Sensitivity	0.18μV (Typical) (12dB SINAD) 0.22μV (12dB SINAD) 0.30μV (20dB SINAD)
Digital Sensitivity	0.20μV (Typical) (BER 5%)
Adjacent Channel Selectivity	60dB @ 12.5kHz / 70dB @ 25kHz
Intermodulation Rejection	65dB @ 12.5kHz / 65dB @ 25kHz
Spurious Response Rejection	70dB @ 12.5kHz / 70dB @ 25kHz
Blocking	90dB @ 12.5kHz / 90dB @ 25kHz
Co-Channel Interference Suppression	-12dB @ 12.5kHz / -8dB @ 25kHz
Rated Audio Output Power	1.0W / 8Ω (5% Distortion)
Conducted Spurious Emission	<-57dBm (9kHz~1GHz) <-47dBm (1GHz~12.75GHz)

Transmitter

RF Power	1W (Low) / ≤5W (High)
Power Margin Variation	+2/-3dB (under Extreme Conditions)
FM Modulation	4K00F1D @ 6.25kHz / 8K0F3E @ 12.5kHz / 16K0F3E @ 25kHz
FSK Error	<2%
4FSK Transmission Bit Error Rate (BER)	≤1×10 ⁻⁴
4FSK Modulation Frequency Deviation Error	≤10.0%
Power Rise/Fall Time	≤1.5ms
4FSK Digital Modulation	7K60FXD @ 12.5kHz (Data Only) 7K60FXE @ 12.5kHz (Data and Voice)
Occupied Bandwidth (DMR)	≤8.5kHz
FM Hum and Noise	40dB @ 12.5kHz / 45dB @ 25kHz
Adjacent Channel Power	≤-60dB @ 12.5kHz / ≤-70dB @ 25kHz
Transient Adjacent Channel Power	≤-50dB @ 12.5kHz / ≤-60dB @ 25kHz
Audio Distortion	≤3% @ 40% Deviation
Audio Response	+1 ~ -3dB
Spurious Emission	≤-36dBm (9kHz~1GHz) ≤-30dBm (1GHz~12.75GHz)



ANTENNA¹



BELT CLIP



USB-C CHARGER



CHARGER DOCK



2000mAh BATTERY PACK²

WRIST STRAP



Q8088

RADIO SPECIFICATIONS & ACCESSORIES

1. Various antenna options (UHF/VHF) are available.
2. Customization for battery available upon request.
3. More accessories, such as headphones and programming cables, are available for purchase. Contact us for detailed information.



M-SERIES PORTABLE RADIOS - M3/M4/M5

The M series portable radios come with an extensive range of customization options, tailored to accommodate the diverse requirements of businesses across various sectors. They also provide options for intrinsic safety, aligning with the highest standards of safety and professionalism to meet the rigorous demands of any operational environment.

KEY FEATURES

- **VHF/UHF Capable**
- **Supports Private Call/Group Call/All Call**
- **Long-lasting Battery Performance***
- **IP68 Rated Waterproof & Dust-proof**
- **High-definition Audio Clarity**
- **Intrinsic Safety Options Available**



*Customization for battery available upon request

M-SERIES SPECIFICATIONS

M3

M4

M5

General			
Frequency Range	VHF:136-174MHz; UHF:350-390/400-470MHz		
Channel & Zone Capacity	32 Channels (2 Zones with 16 Channels per Zone)		1024 Channels (32 Zones with 32 Channels per Zone)
Channel Spacing	12.5kHz/25kHz (Analog) / 12.5kHz (Digital)		
Frequency Stability	±1.0ppm		
Operating Voltage	7.4V		
Battery Life (5/5/90)	Analog: 11 Hours / Digital: 14 Hours		Analog: 10.5 Hours / Digital: 13 Hours
Operating Temperature	-20°C~+55°C		
Storage Temperature	-40°C~+70°C		-40°C~+60°C
Antenna Impedance	50Ω		
Dimensions (without Antenna)	5.26" H x 2.43" W x 1.57" D (133.5 x 61.7 x 40.0mm)	5.26" H x 2.43" W x 1.57" D (133.5 x 61.7 x 40.0mm)	5.28" H x 2.43" W x 1.54" D (134.0 x 61.0 x 39.0mm)
Weight	10.69oz (303g)	10.58oz (300g)	10.76oz (305g)
Ingress Protection (IP) Rating	IP68		
Vocoder Type	AMBE+2™		

Receiver			
Analog Sensitivity	0.22μV/-120dBm (20 dB SINAD); 0.18μV/-122dBm (Typical) (12dB SINAD)		0.22μV (12 dB SINAD)
Digital Sensitivity	0.25μV/-119dBm (5% BER) / 0.4μV/-115dBm (BER 1%)		0.25μV (5% BER)
Adjacent Channel Selectivity	TIA603C: 60dB @ 12.5kHz / ETSI: 60dB @ 12.5kHz		60dB @ 12.5kHz / 65dB @ 25kHz
Intermodulation Rejection	60dB		60dB @ 12.5kHz / 60dB @ 25kHz
Spurious Response Rejection	TIA603C: 65dB / ETSI: 65dB		65dB @ 12.5kHz / 65dB @ 25kHz
Blocking	84dB		84dB @ 12.5kHz / 84dB @ 25kHz
Co-Channel Interference Suppression	12dB @ 12.5kHz		-12-0dB @ 12.5kHz / -8-0dB @ 25kHz
Hum and Noise	-40dB @ 12.5kHz / -45dB @ 25kHz		
Rated Audio Output Power	1.0W / 16Ω (5% Distortion)		
Rated Audio Distortion	≤3% (Typical)		
Conducted Spurious Emission	<-57dBm (9kHz-1GHz); <-47dBm (1GHz-12.75GHz)		

Transmitter			
RF Power	1W (Low) / 3W (High - Intrinsicly Safe Models**) / ≤5W (High - Reg. Models)		
Power Margin Variation	+2/-3dB (under Extreme Conditions)		
FM Modulation	11K0F3E @ 12.5kHz / 16K0F3E @ 25kHz		
FSK Error	<5%		
4FSK Transmission Bit Error Rate (BER)	≤1×10 ⁻⁴		
4FSK Modulation Frequency Deviation Error	≤10.0%		
Power Rise/Fall Time	≤1.5ms		
4FSK Digital Modulation	7K60FXD @ 12.5kHz (Data Only) / 7K60FXE @ 12.5kHz (Data and Voice)		
Occupied Bandwidth (DMR)	≤8.5kHz		
Modulation Limiting	±2.5kHz @ 12.5kHz	±2.5kHz @ 12.5kHz / ±5.0kHz @ 25kHz	
FM Hum and Noise	40 dB @ 12.5kHz / 45 dB @ 25kHz		
Spurious Emission	≤-36dBm (9kHz~1GHz) / ≤-30dBm (1GHz-12.75GHz)		≤-32dBm (9kHz~1GHz) / ≤-30dBm (1GHz-12.75GHz)
Adjacent Channel Power	-60 dB @ 12.5kHz / -65 dB @ 25kHz		
Transient Adjacent Channel Power	≤-50dB @ 12.5kHz / ≤-60dB @ 25kHz		
Audio Distortion	≤3%		
Audio Response	+1 ~ -3dB		

M-SERIES RADIO ACCESSORIES



ANTENNA¹



BATTERY²



BELT CLIP



CHARGER DOCK



AC ADAPTER



1. Various antenna options (UHF/VHF) are available.
2. Customization for battery available upon request.
3. More accessories, such as headphones and programming cables, are available for purchase. Contact us for detailed information.

A20 DIGITAL PORTABLE RADIO

The A20 digital radio enhances communication efficiency and reliability through its superior audio clarity, robust battery life, and rugged design. Engineered for versatility, it is ideally suited for deployment across a wide range of environments and industries.

VHF: 136-174MHz

UHF: 350-390/400-470MHz

KEY FEATURES

- Digital/Analog Compatible ·
- IP68 Rated Waterproof & Dust-proof ·
- Voice Encrypted · Vibration ·
- Up to 300 Hours of Voice Recording ·
- Supports Private Call/Group Call/All Call ·
- Noise Cancellation · Man Down ·
- Lone Worker Mode · Emergency Alarm ·
- Remote Kill/Revive/Stun ·
- GPS Positioning (optional) · Bluetooth 4.2 (optional) ·



General

Frequency Range	VHF: 136~174MHZ UHF: 350~390/400~470MHz
Channel & Zone Capacity	64 Channels (2 Zones with 32 Channels per Zone)
Channel Spacing	12.5kHz/25kHz (Analog) 12.5kHz (Digital)
Frequency Stability	±1.0ppm
Operating Voltage	7.4V
Battery Capacity	3000mAh
Battery Life (5/5/90)	Analog: 15 Hours / Digital: 19 Hours
Digital Vocoder Type	AMBE+2™
Antenna Impedance	50Ω
Operating Temperature	-20°C~+55°C
Storage Temperature	-40°C~+70°C
Dimensions (H x W x D)	5.83" x 2.56" x 1.69" (148 x 65 x 43mm)
Weight	11.21oz (318g)
Ingress Protection (IP) Rating	IP68
Digital Protocol	ETSI TS 102 361-1, -2, -3

Receiver

Analog Sensitivity	0.20μV (12dB SINAD)
Digital Sensitivity	0.22μV (5% BER)
Adjacent Channel Selectivity	60dB @ 12.5kHz / 65dB @ 25kHz
Intermodulation Rejection	60dB @ 12.5kHz / 60dB @ 25kHz
Spurious Response Rejection	65dB @ 12.5kHz / 65dB @ 25kHz
Blocking	84dB @ 12.5kHz / 84dB @ 25kHz
Co-Channel Interference Suppression	-12~0dB @ 12.5kHz / -8~0dB @ 25kHz
Hum and Noise	-40dB @ 12.5kHz / -45dB @ 25kHz
Rated Audio Output Power	1.0W / 16Ω
Conducted Spurious Emission	<-57dBm (9kHz~1GHz) <-47dBm (1GHz~12.75GHz)

Transmitter

RF Power	1W (Low) / ≤5W (High)
Power Margin Variation	+2/-3dB (under Extreme Conditions)
Transmit Frequency Error	±1.0ppm
FSK Error	<5%
4FSK Modulation Frequency Deviation Error	≤10.0%
FM Modulation	11K0F3E @ 12.5kHz / 16K0F3E @ 25kHz
Occupied Bandwidth (DMR)	≤8.5kHz
Power Rise/Fall time	≤1.5ms
4FSK Digital Modulation	7K60FXD @ 12.5kHz (Data Only) 7K60FXE @ 12.5kHz (Data and Voice)
Audio Response	+1 ~ -3dB
Modulation Limiting	±2.5kHz @ 12.5kHz / ±5.0kHz @ 25kHz
Spurious Emission	≤-36 dBm (9kHz~1GHz) / ≤-30 dBm (1GHz~12.75GHz)
FM Hum and Noise	40 dB @ 12.5kHz / 45 dB @ 25kHz
Adjacent Channel Power	≤-50 dB @ 12.5kHz / ≤-60 dB @ 25kHz
Transient Adjacent Channel Power	≤-50 dB @ 12.5kHz / ≤-60 dB @ 25kHz
Audio Distortion	≤3% @ 40% Deviation



ANTENNA¹



BELT CLIP



AC ADAPTER



CHARGER DOCK



3000mAh BATTERY²

WRIST STRAP



A20 RADIO SPECIFICATIONS & ACCESSORIES

1. Various antenna options (UHF/VHF) are available.
2. Customization for battery available upon request.
3. More accessories, such as headphones and programming cables, are available for purchase. Contact us for detailed information.

DM-R89 MULTI-BAND DIGITAL PORTABLE RADIO



The DM-R89 offers support for both VHF/ UHF and FM/AM multi-band configurations, tailored to meet your specific requirements.

- **DMO 2 Slots**
- **AMBE+2™ Vocoder**
- **Dual-mode Digital/Analog Compatibility**
- **1.77" Color Screen**
- **Background Noise Cancellation**
- **One Touch for Data/Voice Messages**
- **Supports Private Call/Group Call/All Call**
- **Encrypted**
- **Emergency Alarm**
- **Long-lasting Battery Performance**
- **Work Alone Function**
- **DTMF · 1750Hz**
- **Date and Real-Time Clock Display**
- **Built-in SMS/Call Recorder**
- **Squelch Tail Elimination**
- **VOX**
- **Talk Around**
- **Frequency Measuring with One Touch**

General

Frequency Range	136–174MHz + 350–400/400–470/450–520MHz + 87.5–108MHz (FM RX) + Airband 108–136MHz (AM RX)
Channel & Zone Capacity	3000 Channels (250 Zones with 64 Channels per Zone)
Channel Spacing	12.5kHz / 25kHz
Frequency Stability	±1.0ppm
Operating Voltage	7.4V
Battery Capacity	2200mAh
Battery Life (5/5/90)	Analog: 10 Hours; Digital: 13 Hours
Antenna Impedance	50Ω
Dimensions (without Antenna)	5.28" H x 2.40" W x 1.69" D (134 x 61 x 43mm)
Weight	11.25oz (319g)
Ingress Protection (IP) Rating	IP54
Vocoder Type	AMBE+2™

Receiver

Analog Sensitivity	0.20μV (12dB SINAD)
Digital Sensitivity	0.22μV (Typical) (BER 5%)
Adjacent Channel Selectivity	60dB @ 12.5kHz / 65dB @ 25kHz
Intermodulation Rejection	60dB @ 12.5kHz / 60dB @ 25kHz
Spurious Response Rejection	60dB @ 12.5kHz / 60dB @ 25kHz
Blocking	80dB @ 12.5kHz / 80dB @ 25kHz
Co-Channel Interference Suppression	-12dB @ 12.5kHz / -8dB @ 25kHz
Rated Audio Output Power	1.0W / 16Ω (5% Distortion)
Conducted Spurious Emission	<-57dBm (9kHz~1GHz) <-47dBm (1GHz~12.75GHz)

Transmitter

RF Power	2W (Low) / 5W (High)
Power Margin Variation	+2/-3dB (under Extreme Conditions)
FM Modulation	16K0F3E @ 25kHz 11K0F3E @ 12.5kHz
FSK Error	<5%
4FSK Transmission Bit Error Rate (BER)	≤1×10 ⁻⁴
4FSK Modulation Frequency Deviation Error	≤10.0%
Power Rise/Fall Time	≤1.5ms
4FSK Digital Modulation	7K60FXD @ 12.5kHz (Data Only) 7K60FXE @ 12.5kHz (Data and Voice)
Occupied Bandwidth (DMR)	≤8.5kHz
FM Hum and Noise	40dB @ 12.5kHz / 45dB @ 25kHz
Adjacent Channel Power	≤-55dB @ 12.5kHz / ≤-65dB @ 25kHz
Transient Adjacent Channel Power	≤-50dB @ 12.5kHz / ≤-60dB @ 25kHz
Audio Distortion	≤3% @ 40% Deviation
Audio Response	+1 ~ -3dB
Spurious Emission	≤-36dBm (9kHz~1GHz) ≤-30dBm (1GHz~12.75GHz)



R89
ANTENNA
FOR SINGLE-BAND
& DUAL-BAND MODELS

BELT CLIP



AC
ADAPTER



CHARGER
DOCK



2200mAh
BATTERY¹



WRIST
STRAP

DM-R89 RADIO SPECIFICATIONS & ACCESSORIES

1. Customization for battery available upon request.
2. More accessories, such as headphones and programming cables, are available for purchase. Contact us for detailed information.



AP3500

DIGITAL TRUNKING MOBILE RADIO

The AP3500 mobile radio offers clear voice transmission, compatibility with various standards, and multifunctional capabilities to meet the needs of professional users.

25W OUTPUT POWER

VHF: 136-174MHz

UHF: 350-390/400-470MHz

- Dual-mode Digital/Analog Compatible
- DMR Tier II (Tier III Available Upon Request)
- SFR (Single Frequency Repeater)
- Supports NXDN/DMR
- Emergency Alarm
- DMO 2 Slots
- Bluetooth (Optional)
- Beidou/GPS/GLONASS Positioning (Optional)
- AES-256 Encrypted
- 1.77-inch Color Display
- One Touch for Data/Voice Messages
- Supports Private Call/Group Call/All Call
- Radio Detection
- Remote Kill/Revive

General

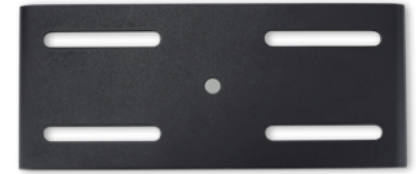
Frequency Range	VHF: 136–174MHz UHF: 350–390MHz / 400–470MHz
Channel & Zone Capacity	2000 Channels 64 Zones with 32 Channels per Zone
Channel Spacing	6.25kHz (NXDN Digital) / 12.5kHz / 25kHz
Frequency Stability	±1.0ppm
Operating Voltage	13.6V ± 15%
Antenna Impedance	50Ω
Dimensions (without Antenna)	5.28" H x 2.40" W x 1.69" D (134 x 61 x 43mm)
Weight	58.2oz (1.65kg)
Ingress Protection (IP) Rating	IP54
Vocoder Type	AMBE+2™/NVOC

Receiver

Analog Sensitivity	0.18μV (Typical) (12dB SINAD) 0.22μV (12dB SINAD) 0.30μV (20dB SINAD)
Digital Sensitivity	0.20μV (Typical) (BER 5%)
Adjacent Channel Selectivity	60dB @ 12.5kHz / 70dB @ 25kHz
Intermodulation Rejection	65dB @ 12.5kHz / 65dB @ 25kHz
Spurious Response Rejection	70dB @ 12.5kHz / 70dB @ 25kHz
Blocking Performance	90dB @ 12.5kHz / 90dB @ 25kHz
Co-Channel Interference Suppression	-12dB @ 12.5kHz / -8dB @ 25kHz
Rated Audio Output Power	1.0W / 4Ω (5% Distortion)
Conducted Spurious Emission	<-57dBm (9kHz~1GHz) <-47dBm (1GHz~12.75GHz)

Transmitter

RF Power	10W (Low) / 25W (High)
Power Margin Variation	+2/-3dB (under Extreme Conditions)
FM Modulation	16K0F3E @ 25kHz 8K0F3E @ 12.5kHz 4K00F1D @ 6.25kHz
FSK Error	<2%
4FSK Transmission Bit Error Rate (BER)	≤1×10 ⁻⁴
4FSK Modulation Frequency Deviation Error	≤10.0%
Power Rise/Fall Time	≤1.5ms
4FSK Digital Modulation	7K60FXD @ 12.5kHz (Data Only) 7K60FXE @ 12.5kHz (Data and Voice)
Occupied Bandwidth (PDT/DMR)	≤8.5kHz
FM Hum and Noise	40dB @ 12.5kHz / 45dB @ 25kHz
Adjacent Channel Power	≤-60dB @ 12.5kHz / ≤-70dB @ 25kHz
Transient Adjacent Channel Power	≤-50dB @ 12.5kHz / ≤-60dB @ 25kHz
Audio Distortion	≤3% @ 40% Deviation
Audio Response	+1 ~ -3dB
Spurious Emission	≤-36dBm (9kHz~1GHz) ≤-30dBm (1GHz~12.75GHz)



MOUNTING BRACKETS FOR RADIO AND MICROPHONE



AP3500 MICROPHONE

AP3500 RADIO SPECIFICATIONS & ACCESSORIES

* More accessories, such as headphones and programming cables, are available for purchase. Contact us for detailed information.

R768 PROFESSIONAL DIGITAL PORTABLE RADIO

The R768 professional digital radio is designed for business and mission-critical users across multiple sectors, including public safety, private security, emergency response services, transportation services, petroleum industries, and utility services.



- Up to 40% Longer Battery Life on Direct Mode and Repeater Mode
- Supports Private Call/Group Call/All Call
- SMS
- Dual Priority Channels Scan Across Both Analog and Digital Modes

- Encrypted
- Emergency Call Alert
- Radio Enable/Disable
- Radio Check
- Built-in GPS Module



The R800 is a compact and lightweight SFR DMR Repeater, designed for effortless portability and installation. It features the innovative Single Frequency Repeater (SFR) function, which enhances frequency efficiency by simultaneously receiving and transmitting on the same frequency.

This capability ensures timely responses in emergencies by leveraging TDMA technology to rebroadcast two-way radio transmissions on the identical frequency. By utilizing DMR's dual time slots, the SFR can receive on one slot while transmitting on the other, making it an efficient solution for critical communication needs.

R800 DIGITAL PORTABLE REPEATER



Ughang
SFR DMR Repeater
Model: TS-R800
Frequency: 400-470MHz
Input: 17V/2A
Output Power: 4W
Serial Number:
R80028CA1.0001
Warning: Please program the settings
before use!
MADE IN CHINA



cnlisheng.com
lishengradio.com

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