

# BLU-RAD D269



## Robust, Reliable, Cost-Effective Communication

The BLU-RAD D269 is the best option if you're seeking for a strong, dependable, and affordable communication solution that will allow several work teams to connect and coordinate with one another.

- 256 Channels, Voice Prompting
- 10.000 Talk Groups
- CTCSS/DCS, DTMF/2TONE/5TONE
- Encryption Function
- Digital Voice Recording for 14 hrs
- 2100mah Battery

## GENERAL SPECIFICATIONS

Frequency	VHF	UHF
	136-174MHz	400-480MHz
Channel Capacity	256 Channels	
Channel Spacing	25KHz, 12.5KHz	
Operating Voltage	7.4VDC $\pm$ 20%	
Frequency Stability	$\pm$ 2.5ppm	
Operating Temperature	-20°C~ +55°C	
Dimensions	127x58x39mm (with Battery Pack)	
Weight	220g (with Battery Pack)	

## TRANSMITTER SPECIFICATIONS

Output Power	5W/2.5W/1W
Modulation Limit	$\pm$ 5.0KHz@25KHz $\pm$ 2.5KHz@12.5KHz
Adjacent Channel Power	70dB@25KHz 60dB@12.5KHz
Hum & Noise	40dB@25KHz 36dB@12.5KHz
Spurious Emission	-36dB@25KHz -36dB@12.5KHz
4FSK Digital Modulation	12.5KHz@7K60FXD 12.5KHz@7K60FXE
Audio Distortion	5%
Error Rate	3%

## RECEIVER SPECIFICATIONS

Sensitivity (@12dB SINAD)	0.25uV@25KHz 0.35uV@12.5KHz
Digital Sensitivity	0.3uV@BER 5% 0.7uV@BER 1%
Adjacent Channel Selectivity	70dB@25KHz 60dB@12.5KHz
Spurious Rejection	70dB@25KHz 70dB@12.5KHz
Spurious Emission	-57dB@25KHz -57dB@12.5KHz
Hum & Noise	45dB@25KHz, 40dB@12.5KHz
Audio Distortion	5%
Audio Output Power	1000mW/16 $\Omega$

The D269 is flexible to expand with your needs and combines the best radio functionality with analog and digital technologies. The D269 provides all the advantages of latest technology, including superior audio quality, wider coverage, and longer battery life.

## RUGGED AND EASY TO USE

D269 is lightweight and portable, weighing less than 8 ounces, making it easy to use and carry. It boasts a strong, top-notch, and impact-resistant casing.

## ANALOG AND DIGITAL OPERATION

Both analog and digital channels can be defined on the same radio. In this way, it facilitates the transition from analog systems to digital systems with improved sound quality.

## LONG-LIFE BATTERY

The D269 guarantees uninterrupted and effective operation of the staff with a single battery during lengthy shifts thanks to its powerful 2100mah Li-Ion Battery.

## DMR (DIGITAL MOBILE RADIO) STANDARD

D269 supports the DMR standard. In this way, the D269 transmits the radio ID for each call options. Also supports the DMR Tier II repeaters.

Authorized Reseller:

