

# ALINCO

Quality. Style. Performance!

UHF FM HANDHELD DIGITAL / ANALOG  
TRANSCEIVER

# DJ-MD40



**\*IP54 Dust & Splash-proof  
compatible**



## An Exciting New DMR Radio that's available to all.

This Alinco's DMR transceiver packs a lot of performance into a compact and rugged polycarbonate body. Designed to resist dust and splash, the DJ-MD40 features specs such as 1W audio output with a large speaker and 2.5ppm frequency stability. Capable of operating 5W output in analog and digital with mixed mode, 1000 channels programmable in 64ch per zone ... in a hotel, shopping mall, theme-park, exhibition hall, for business, construction, factory, warehouse, stadium... where communication comes first, the DJ-MD40 is a brilliant choice for everyone!



- DMR Tier I and Tier II
- RF output selectable from 5W, 2.5W, 1W and 0.2W
- Programmable up to 1000 ch in 64ch/zone
- Dot-matrix, highly visible, color-selectable backlit LED
- Digital Recorder
- Quick contact accesses
- Various security passwords
- Various alert tone features
- Text Messages
- Standard features such as Key Lock, Talk around, Lone Worker, TOT, various Call modes, Call Logs, DTMF tones, Scans and more are all included at NO extra costs!

# DJ-MD40

RoHS

FC CE



**ALINCO**  
INCORPORATED  
Osaka, Japan

## Options



● Earphone Microphone (EME-56A)



● Microphone (EMS-76)



● PC interface cable (ERW-13)

Available exclusively to dealers.

※ Voids IP54 ingress protection when EME-56A or EMS-76 are in use.

## Specifications

### General

Frequency Range	400-480MHz
Number of Channels	1000ch
Zones per Radio	250 zone (MAX 64ch/zone)
Channel Spacing	Analog: 12.5/20/25kHz
Operating Voltage	Digital: 12.5kHz 7.4V DC nominal
Operating Temperature Range	-20°C to +55°C (-4 °F to +131 °F)
Frequency Stability	±2.5ppm
Antenna Impedance	50Ω
Dimensions (W x H x D Approx.) with battery pack /antenna length"	62.0x112.0x46.0mm /162.0mm (2.44x4.41x1.81inches /6.38inches)
Weight (Approx.) with EBP-96 Li-ion pack	305g /10.75ounces

\* Projections are not included in the declared dimension values.

### Transmitter

RF Power Output	5W / 2.5W / 1W / 0.2W
Spurious Emission	Less than 1GHz: -36dBm More than 1GHz: -30dBm
FM Hum & Noise (Analog)	25kHz: 45dB 12.5kHz: 40dB
Modulation	16K0F3E / 11K0F3E / 7K60FXD / 7K60FXE

### Receiver

Sensitivity (Analog/12dB SINAD)	25kHz: 0.2uV
Sensitivity (Digital/BER)	12.5kHz: 0.25uV 5%: 0.3uV
Intermodulation	1%: 0.7uV 60dB
Spurious Response	65dB
Audio Distortion	Less than 5%
Audio Output	1000mW /16Ω



## Standard Accessories (A strap is included)

Whip antenna	Battery Pack	Battery Charger
EA-212	EBP-96 Li-ion 7.4V 2600mAh	EDC-211 Li-ion

AC Adapter	Belt Clip
EDC-212 (220V) or EDC-213 (120V)	EBC-45

Standard accessories declared herein are our factory default and may vary at moment of sales depending on the market and Dealers' sales policy.



EDC-213

EDC-212

Authorized Dealer:



Please be sure to read the instruction manual before using the product for your safety.

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FNFNEGNE-PE  
Ver.1.0 DJMD40  
Printed in Japan