

How do I?

An occasional series

This week: DMR Adventures--Unboxing the Alinco DJ-MD5

Digital Mobile Radio, or DMR, requires different equipment than analog VHF/UHF. Today's digital radio world must be something like previous generations of hams experienced as FM began entering ham radio in the 1950s.

For an overview of DMR you may wish to read this article posted on our website:
<https://www.radioclub-carc.com/wp-content/uploads/2020/08/How-Do-I-DMR-Radio.pdf>

See elsewhere in this **How Do I...** series at <https://www.radioclub-carc.com/resources/> for articles on **FM Repeaters**, **D-Star**, **System Fusion**, **NXDN**, etc.

Throughout these articles, we may feature a particular radio or product. This does not imply endorsement or recommendation, but sometimes it is most helpful to demonstrate a particular item instead of referring to a generic radio.

Today we are unboxing an Alinco DJ-MD5 hand held DMR radio.

Features:

The dual-band radio covers 136-174 MHz and 400-480 MHz.

The radio can identify the received signal as analog or digital and process it accordingly.

The DMR side uses 2 slot TDMA.

The speaker has 1 watt of audio output.

The transceiver I purchased is the current North American package. Package contents are:

- Radio Transceiver,
- Lithium Ion Battery Pack,
- Battery Charger,
- AC Power Cord for Charger,
- Rubber Duck Antenna,
- Wrist Strap,
- Belt Clip,
- USB programming cable, and
- User Manual.

Unfortunately the belt clip requires two screws and my package had only one.

In addition to the standard equipment I also purchased a EMS-76 speaker mic.
Not sure how much I may use it, but when you need one, they are handy to have.



Picture 1: Alinco DJ-MD5 with factory standard items and accessories.

Catch 'ya on the air.
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