

DMR Definitions

DMR	Digital Mobile Radio
ETSI	European Telecommunications Standards Institute
TIA	Telecommunications Industry Association
TDMA	Time-Division Multiple Access
FEC	Forward Error Correction
FDMA	Frequency Division Multiple Access
DSVI AMBE+2	Digital Voice Encoder or Vocoder . It is the only vocoder on the market.
Tier One	Single Channel , FDMA 6.25 kHz Bandwidth
Tier Two	Two Slot TDMA, 12.5 kHz Bandwidth, Peer to Peer and Repeater Standard
Amateur DMR	DMR for Amateur Radio on Tier Two with Commercial or Amateur DMR Equipment
Tier Three	Tier Two with Trunking and Multiple Repeaters (Public Safety Users)
IPSC	Internet Protocol Site Connect (Connecting Repeaters over the Internet)
C-Bridge	Interconnect IPSC Groups (Rayfield), Compatible with Bridgecom Systems MV-IPSC
TS1	Time Slot One – First Half of Two slot TDMA
TS2	Time Slot Two- Second Half of Two Slot TDMA
TG	Talk Group – Groups of Users Sharing a Time Slot without Disrupting Other Users
Zone	Group of Channels on a Repeater (Limited to 16 Channels per Zone on some radios)
Scanlist	List of Channels in a Zone to Scan for Traffic
Contacts	List of Talk Groups and Individuals and their Respective ID Numbers
Color Code(CC)	Used Like CTCSS for Repeater Access, CC is Mandatory, 16 Color Codes
Channel	Combination of repeater frequency, talk group, time slot, color code, admit criteria
Code Plug (CP)	Radio's Configuration File from Manufacturer's Specific Programming Software
CPS	Manufacturers Specific Software for Writing Code Plugs
ID	Subscriber's ID Number, All Amateurs Need an ID (mandatory) (From DMR-MARC)
DMR-MARC	DMR Motorola Amateur Radio Clubs (www.dmr-marc.net)
DMRplus	Reflectors that point to other talk groups or modes. Numbered 4xxx
Radio Firmware	Software that controls all the radio functions that is flashed into non-volatile memory
MD-380 Tools	Modified Firmware for the Tytera MD-380 Portable Radio (Adds Additional Features)
Amateur Guide	http://dmr-marc.net/media/Amateur_Radio_Guide_to_DMR_Rev_I_20150510.pdf
DCI MotoTRBO Group	Amateur Radio Group for MotoTRBO and DMR http://www.tro.org