

## Connect Systems CS801 - DMR Channels WS1EC and WX1GYX

### **SIMPLEX 1**

146.520 SIMPLEX  
145.510 DMR SIMPLEX  
145.790 DMR SIMPLEX  
146.400 PSQ 1  
146.415 CBL 1  
146.430 WAL 1  
146.445 YORK 2  
146.460 AND 1  
146.475 KNOX 2  
146.490 SAG 1  
146.505 OXF 3  
146.535 CBL 3  
146.550 OXF 1  
146.565 HAN 1  
146.580 ECT 1  
146.595 SKYWARN

### **FM RPTR 130-640**

145.130 Cape Ann  
145.150 Bolton VT  
145.150 Kensington NH  
145.210 Mt Greylock MA  
145.210 Sanford  
145.230 Boston  
145.290 Wales ME  
145.390 Mt Equinox  
145.410 Alfred  
145.450 Cranmore  
145.450 Fitchburg  
145.470 Danvers  
145.490 N Adams  
145.490 Washington ME  
146.610 Auburn  
146.640 Woodstock

### **FM RPTR 835-015**

146.835 Naples  
146.835 Shaftsbury VT  
146.850 Dixmont  
146.865 Alton NH  
146.880 Killington  
146.880 Streaked Mt  
146.910 Mt Greylock TS  
146.910 Mt Greylock  
146.910 Rumford  
146.925 Arundel  
146.940 Mansfield  
146.940 Mt. Tom  
146.970 Sugarloaf  
146.985 Gilford  
147.000 Deerfield  
147.015 Hiram

### **SIMPLEX 2**

145.510 DMR SIMPLEX  
145.790 DMR SIMPLEX  
147.420 SOM 1  
147.435 OXF 2  
147.450 PSQ 2  
147.465 WAL 2  
147.480 KEN 1  
147.495 HAN 1  
147.505 SIMPLEX  
147.510 LIN 1  
147.525 CBL 2  
147.540 KNOX 1  
147.555 SAG 2  
147.565 PEN 1  
147.570 YORK 1  
147.585 ECT 3

### **FM RPTR 655-820**

146.655 Mt Washington  
146.670 Augusta  
146.685 Bedford  
146.685 Bedford TS  
146.685 Plymouth  
146.715 Holyoke  
146.730 Falmouth  
146.745 Jay Peak  
146.760 Ascutney TS  
146.760 Ascutney  
146.760 Gray ME  
146.760 Scituate TS  
146.760 Scituate  
146.790 Pittsfield  
146.805 Sanford  
146.820 Camden

### **FM RPTR 030-270**

147.030 Ossipee  
147.045 NWS Gray  
147.060 Washington ME  
147.090 Falmouth  
147.105 Brownville  
147.105 Grafton  
147.135 Brunswick  
147.165 Belfast  
147.180 York  
147.195 Ringe  
147.210 Derry NH  
147.210 Phippsburg  
147.225 Gardiner  
147.225 Livermore Falls  
147.225 Pembroke  
147.270 Knox

**FM RPTR 270-390**

147.270 Westbrook  
147.285 Topsfield  
147.300 Franklin  
147.315 Poland Springs  
147.330 Manchester  
147.345 Alfred  
147.345 Alfred TS  
147.360 Portland  
147.390 Barre VT  
147.390 Moultonborough

**DMR Wakefield NH**

145.280 TS1 WW  
145.280 TS1 WWE  
145.280 TS1 NA  
145.280 TS1 NEst  
145.280 TS2 NE  
145.280 TS2 NH  
145.280 TS2 Regn  
145.280 TS2 CT  
145.280 TS2 MA  
145.280 TS2 Loc  
145.280 EWARN  
145.280 MIT USA  
145.280 TAC113  
145.280 TAC123  
145.280 TAC310  
145.280 TAC3112

**DMR Topsham ME**

145.190T TS1 WW  
145.190T TS1 WWE  
145.190T TS1 NA  
145.190T TS1 Nest  
145.190T TS2 NE  
145.190T TS2 NH  
145.190T TS2 Regn  
145.190T TS2 ME  
145.190T TS2 Loc  
145.190T TAC113  
145.190T TAC123  
145.190T TAC310  
145.190T TAC311  
145.510 SIMPLEX  
145.790 SIMPLEX

**DMR Shapleigh**

145.110 TS1 WW  
145.110 TS1 WWE  
145.110 TS1 NA  
145.110 TS1 NEst  
145.110 TS2 NE  
145.110 TS2 NH  
145.110 TS2 Regn  
145.110 TS2 ME  
145.110 TS2 Loc  
145.110 TAC113  
145.110 TAC123  
145.110 TAC310  
145.110 TAC311  
145.110 NETAC1  
145.110 NETAC2  
145.110 SKYWARN

**DMR Falmouth**

145.340 TS1 WW  
145.340 TS1 WWE  
145.340 TS1 NA  
145.340 TS1 NEst  
145.340 TS2 NE  
145.340 TS2 NH  
145.340 TS2 Regn  
145.340 TS2 ME  
145.340 TS2 Loc  
145.340 TAC113  
145.340 TAC123  
145.340 TAC310  
145.340 TAC311  
145.340 NETAC1  
145.340 NETAC2  
145.340 SKYWARN

**DMR Rochester NH**

145.240 TS1 WW  
145.240 TS1 WWE  
145.240 TS1 NA  
145.240 TS1 NEst  
145.240 TS2 NE  
145.240 TS2 NH  
145.240 TS2 Regn  
145.240 TS2 CT  
145.240 TS2 MA  
145.240 TS2 Loc  
145.240 EWARN  
145.240 TAC113  
145.240 TAC123  
145.240 TAC310  
145.240 TAC311  
145.240 SKYWARN

**DMR Madbury NH**

145.180 TS1 WW  
145.180 TS1 WVE  
145.180 TS1 NA  
145.180 TS1 NEst  
145.180 TS2 NE  
145.180 TS2 NH  
145.180 TS2 Regn  
145.180 TS2 ME  
145.180 TS2 Loc  
145.180 TAC113  
145.180 TAC123  
145.180 TAC310  
145.180 TAC311  
145.510 SIMPLEX  
145.790 SIMPLEX

**DMR Mt Washington NH**

145.120 TS1 WW  
145.120 TS1 WVE  
145.120 TS1 NA  
145.120 TS1 NEst  
145.120 TS2 NE  
145.120 TS2 NH  
145.120 TS2 Regn  
145.120 TS2 ME  
145.120 TS2 Loc  
145.120 TAC113  
145.120 TAC123  
145.120 TAC310  
145.120 TAC311  
145.510 SIMPLEX  
145.790 SIMPLEX  
145.120 SKYWARN

**DMR Chester NH**

145.190 TS1 WW  
145.190 TS1 WVE  
145.190 TS1 NA  
145.190 TS1 NEst  
145.190 TS2 NE  
145.190 TS2 Regn  
145.190 TS2 ME  
145.190 TS2 Loc  
145.190 TAC113  
145.190 TAC123  
145.190 TAC310  
145.190 TAC311  
145.510 SIMPLEX  
145.790 SIMPLEX  
145.190 SKYWARN

**DMR Ossipee NH**

147.075 TS1 WW  
147.075 TS1 WVE  
147.075 TS1 NA  
147.075 TS1 NEst  
147.075 TS2 NE  
147.075 TS2 NH  
147.075 TS2 Regn  
147.075 TS2 CT  
147.075 TS2 MA  
147.075 TS2 Loc  
147.075 EWARN  
147.075 MIT USA  
147.075 TAC113  
147.075 TAC123  
147.075 TAC310  
147.075 TAC311

**DMR Gilford**

145.360 TS1 WW  
145.360 TS1 WVE  
145.360 TS1 NA  
145.360 TS1 NEst  
145.360 TS2 NE  
145.360 TS2 NH  
145.360 TS2 Regn  
145.360 TS2 ME  
145.360 TS2 Loc  
145.360 TAC113  
145.360 TAC123  
145.360 TAC310  
145.360 TAC311  
145.510 SIMPLEX  
145.790 SIMPLEX

**DMR Knox ME**

145.420 TS1 WW  
145.420 TS1 WVE  
145.420 TS1 NA  
145.420 TS1 Nest  
145.420 TS2 NE  
145.420 TS2 NH  
145.420 TS2 Regn  
145.420 TS2 ME  
145.420 TS2 Loc  
145.420 TAC113  
145.420 TAC123  
145.420 TAC310  
145.420 TAC311  
145.510 SIMPLEX  
145.790 SIMPLEX

**DMR Augusta ME**

145.170 TS1 WW  
145.170 TS1 WWE  
145.170 TS1 NA  
145.170 TS1 Nest  
145.170 TS2 NE  
145.170 TS2 NH  
145.170 TS2 Regn  
145.170 TS2 ME  
145.170 TS2 Loc  
145.170 TAC113  
145.170 TAC123  
145.170 TAC310  
145.170 TAC311  
145.510 SIMPLEX  
145.790 SIMPLEX

**DMR Corinna ME**

145.220 TS1 WW  
145.220 TS1 WWE  
145.220 TS1 NA  
145.220 TS1 NEst  
145.220 TS2 NE  
145.220 TS2 NH  
145.220 TS2 Regn  
145.220 TS2 ME  
145.220 TS2 Loc  
145.220 TAC113  
145.220 TAC123  
145.220 TAC310  
145.220 TAC311  
145.510 SIMPLEX  
145.790 SIMPLEX

**DMR Derry NH**

145.310D TS1 WW  
145.310D TS1 WWE  
145.310D TS1 NA  
145.310D TS1 NEst  
145.310D TS2 NE  
145.310D TS2 NH  
145.310D TS2 Regn  
145.310D TS2 ME  
145.310D TS2 Loc  
145.310D TAC113  
145.310D TAC123  
145.310D TAC310  
145.310D TAC311  
145.510 SIMPLEX  
145.790 SIMPLEX

**DMR Sanbornton NH**

145.180S TS1 WW  
145.180S TS1 WWE  
145.180S TS1 NA  
145.180S TS1 NEst  
145.180S TS2 NE  
145.180S TS2 NH  
145.180S TS2 Regn  
145.180S TS2 ME  
145.180S TS2 Loc  
145.180S TAC113  
145.180S TAC123  
145.180S TAC310  
145.180S TAC311  
145.510 SIMPLEX  
145.790 SIMPLEX

**DMR Manchester NH**

145.220M TS1 WW  
145.220M TS1 WWE  
145.220M TS1 NA  
145.220M TS1 NEst  
145.220M TS2 NE  
145.220M TS2 NH  
145.220M TS2 Regn  
145.220M TS2 ME  
145.220M TS2 Loc  
145.220M TAC113  
145.220M TAC123  
145.220M TAC310  
145.220M TAC311  
145.510 SIMPLEX  
145.790 SIMPLEX

**DMR Marblehead MA**

145.370 TS1 WW  
145.370 TS1 WWE  
145.370 TS1 NA  
145.370 TS1 NEst  
145.370 TS2 NE  
145.370 TS2 NH  
145.370 TS2 Regn  
145.370 TS2 MA  
145.370 TS2 Loc  
145.370 TAC113  
145.370 TAC123  
145.370 TAC310  
145.370 TAC311  
145.510 SIMPLEX  
145.790 SIMPLEX

**DMR Chelmsford MA**

145.180C TS1 WW  
145.180C TS1 WWE  
145.180C TS1 NA  
145.180C TS1 NEst  
145.180C TS2 NE  
145.180C TS2 NH  
145.180C TS2 Regn  
145.180C TS2 MA  
145.180C TS2 ME  
145.180C TS2 Loc  
145.180C TAC113  
145.180C TAC123  
145.180C TAC310  
145.180C TAC311  
145.510 SIMPLEX  
145.790 SIMPLEX

**DMR Acton MA**

146.420 TS1 WW  
146.420 TS1 WWE  
146.420 TS1 NA  
146.420 EWARN  
146.420 TS2 NE  
146.420 TS2 NH  
146.420 TS2 Regn  
146.420 TS2 CT  
146.420 TS2 MA  
146.420 TS2 Loc  
146.420 MIT USA  
146.420 TAC113  
146.420 TAC123  
146.420 TAC310  
146.420 TAC311

**DMR Boston MA**

146.430 TS1 WW  
146.430 TS1 WWE  
146.430 TS1 NA  
146.430 TS1 NEst  
146.430 TS2 NE  
146.430 TS2 Regn  
146.430 TS2 MA  
146.430 TS2 Loc  
146.430 TAC113  
146.430 TAC123  
146.430 TAC310  
146.430 TAC311  
145.510 SIMPLEX  
145.790 SIMPLEX

**DMR Buckfield ME**

145.320 TS1 WW  
145.320 TS1 WWE  
145.320 TS1 NA  
145.320 TS1 NEst  
145.320 TS2 NE  
145.320 TS2 NH  
145.320 TS2 Regn  
145.320 TS2 ME  
145.320 TS2 Loc  
145.320 TAC113  
145.320 TAC123  
145.320 TAC310  
145.320 TAC311  
145.510 SIMPLEX  
145.790 SIMPLEX  
145.320 SKYWARN

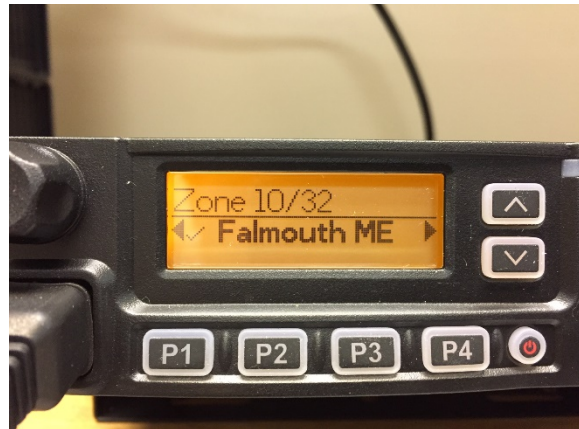
## Connect Systems CS801 DMR Transceiver - Quick Reference Guide



**BEFORE USE:** If you're using the CS801 installed at NWS Gray, always check the coax position switch, mounted behind and to the left of the radio, and be sure it's in the DMR position.

**POWERING ON:** First, be sure the power supply is on. To power the radio on, hold down the round red power button for 2-3 seconds. The LCD screen should glow amber and display the call sign briefly, before returning to a screen displaying a frequency, time slot, and talk group. Please refer to the CS801 Channel guide to find the desired repeater and Talk Group.

The knob on the left is used to adjust the volume.



### Changing between Talk Groups

Use the arrow buttons, located to the right of the display, to toggle between Talk Groups. Using these arrows will only toggle between pre-programmed Talk Groups or frequencies within the selected Zone.

### Changing between Zones (Repeaters)

Use the P2 and P3 buttons to change the pre-programmed frequencies. These buttons are similar to the arrow buttons, except they allow you to scroll through the different repeaters that are programmed in the radio, instead of only the Talk Groups. Once you find one, select an appropriate Talk Group, using the arrow keys. A long press of either the up or down arrows will also select the next Zone.

If you know the specific Zone that you want to go to, choose by pressing P4, then P3 to move to the second position, and then press P4 again to select.

Most of the time, you should keep the radio on: 145.340 TS2 Regn, which is the Falmouth, ME repeater, on Time Slot 2, **Talk Group 8** (Region North). Other Talk Groups that you may use frequently include: TS2 **Talk Group 3123** (Maine Statewide), TS2 **Talk Group 3133** (New Hampshire Statewide), and TS1 **Talk Group 759** (SKYWARN), which is used during SKYWARN Activations.