

## K4D Macros

### K4D Macro – Sync 2M VFOs

XVM1;XV01;XV\$01;SB1;MD6;MD\$6;FA000144125000;FC;FC\$;#DPM2;AB3;LN1;PA31;PA\$31;PC008X;AR1;AR\$4;

|                |  |
|----------------|--|
| XVM1           | XV Mode = External   |
| XV01           | Sets VFO A to the designated transverter band, I use 01 for 144 MHz        |
| XV\$01         | Sets VFO B to the designated transverter band, I use 01 for 144 MHz        |
| SB1            | Sets the Sub Receiver to ON  |
| MD6            | Sets the Operating Mode to DATA on VFO A                                   |
| MD\$6          | Sets the Operating Mode to DATA on VFO B                                   |
| FA000144125000 | VFO A Frequency in Hz. (144.125 MHz)                                       |
| FC             | Center the panadapter on VFO A   |
| FC\$           | Center the panadapter on VFO B   |
| #DPM2          | Dual panadapter mode on the K4D display                                    |
| AB3            | Copy VFO A to VFO B  |
| LN1            | Link VFO B to the master VFO A   |
| PA31           | Set VFO A preamp to 3 (10 dB regular preamp + 20 dB LBA) and turn on       |
| PA\$31         | Set VFO A preamp to 3 (10 dB regular preamp + 20 dB LBA) and turn on       |
| PC008X         | Power Control, .8 milliwatts   |
| AR1            | Receive Antenna - EXT. XVTR IN / RX ANT IN2 (external transverter IN jack) |
| AR\$4          | Receive Antenna - RX ANT IN1 (receive antenna)                             |

If the sub receiver is turned on, the right channel supplies sub-RX audio, and the left audio channel supplies the main receiver audio.

## K4D Macro – EME to HF

#DPM0;LN0;FA0000249150000;FB000050313;PC025H;AN1;AR2;AR\$2;PA31;PA\$31;SB0;

|                |   |
|----------------|---|
| DPM0           | Single Panadapter shown on the K4D display, VFO A/main RX                   |
| LN0            | The VFOs are not linked   |
| FA000024915000 | VFO A Frequency in Hz. (24.915 MHz)   |
| FB000050313    | VFO B Frequency in Hz. (50.313 MHz)   |
| PC025H         | Power Control, 25 watts   |
| AN1            | Transmit Antenna 1  |
| AR2            | VFO A - RX USES TX ANT (the antenna currently selected for the transmitter) |
| AR\$2          | VFO B - RX USES TX ANT (the antenna currently selected for the transmitter) |
| PA31           | VFO A receive preamp - 12-6 m only: 10 dB regular preamp + 20 dB LNA        |
| PA\$31         | VFO B receive preamp - 12-6 m only: 10 dB regular preamp + 20 dB LNA        |
| SB0            | Turn the sub receiver off   |