

<p><b>1</b> <b>Denoise ON/OFF</b>  <b>10 = 10m 12 = 12m 15 = 15m</b>  <b>16 = 160m 17 = 17m</b></p> <p>11 switch to MODE SSB            9 13 save/go SSB default current Band            9 19 save/go CW default current Band</p>	<p><b>2</b> <b>Mute</b>  <b>20 = 20m</b>  <b>21 ... 26 = Transverter 1 ... 6</b></p> <p>27 TX on with two tone (break taste)            28 AM toggle on/off (*1)            29 TX on with single tone (break taste)</p>	<p><b>3</b> <b>Noise blank ON/OFF</b>  <b>30 = 30m</b></p> <p>31 calibrate/save USB offset            9 32 save/restore PIC Eeprom to ext. Eeprom            33 DDS referenz clock calibrate            37 calibrate/save LSB offset            9 38 save/restore ext. EEPROM addr 0 – 7FFFH            to/from addr 7FFFH - FFFFH            39 set current Param. as default Param.</p>
<p><b>4</b> <b>Auto notch ON/OFF QRO ON/OFF</b>  <b>40 = 40m</b></p> <p>44 switch to MODE CW            48 switch „best IP3“ or „best NF“</p>	<p><b>5</b> <b>Manual notch ON/OFF</b></p> <p>9 50 save/go to power on frequency            51 select GREEN (master) parameter set            52 select YELLOW parameter set            53 select RED parameter set            59 restore current Param. with default Param.</p>	<p><b>6</b> <b>RX Filter mode 6.1 or 6.2</b></p> <p>9 61 save/read VFO + MODE into memory bank            storage area 1 – 500            9 62 edit/select RX Equalizer (0) 1 - 5 (*2)            9 63 edit/select TX Equalizer (0) 1 - 5 (*2)            64 display RX/TX Equalizer Number (*2)</p>
<p><b>7</b> <b>VOX ON/OFF OSK ON/OFF</b></p> <p>71 on / off 1 Hz frequency display            73 TX-Bargraph Mike Gain in %            74 TX-Bargraph Pvor max 5 Watt, SWR            75 TX-Bargraph Pvor max 10 Watt, SWR            76 TX-Bargraph Pvor max 15 Watt, SWR            77 toggle sideband</p>	<p><b>8</b> <b>Switch to DSP adjust mode</b>  <b>80 = 80m</b></p> <p>81 RS232 DSP to PC            82 RS232 PIC to PC            83 RS232 PIC to DSP (default)            88 direct keypad frequency entry            89 RS232 PC to PIC to DSP (Signal Monitor)</p>	<p><b>9</b> <b>RF clip ON/OFF CW SPOT ON/OFF</b></p> <p>995 save Parameter (PIC → PC)            996 ext. Eeprom (PC → PIC Eeprom)            997 ext. Eeprom (PIC Eeprom → PC)            998 restore Parameter (PC → PIC Eeprom)            999 reboot PIC Firmware            SAVE current Freq.+Mode to:-            Band eg 980            Start-up 950</p>
<p><b>*</b> <b>Vfo Zeile 1 / Vfo Zeile 2</b></p> <p>*1 SETUP Transverter 1            ... to            *6 SETUP Transverter 6</p>	<p><b>0</b> <b>Vfo Zeile 1 = Vfo Zeile 2</b>  <b>06 = 6m</b></p> <p>00 display FW Version duration of 5 Sek.            01 Tx Driver Gr. PA1 (separately DSP 8.1, 8.2)            02 Tx Driver Gr. PA2 (separately DSP 8.1, 8.2)            03 Tx Driver Gr. PA3 (separately DSP 8.1, 8.2)</p>	<p><b>#</b> <b>RIT / XIT</b></p> <p>short RIT A and B change to R(x) und T(x)            long XIT selection TX            1 = UP1kHz, 2 = UP2kHz, 5 = UP5kHz</p>

\*1 (activated DSP-source) \*2 (only Hardware from 2.0)

<p><b>1</b> <b>Denoise ON/OFF</b></p> <p>1.1 Denoise adjust            1.2 Wide GSM threshold            1.3 Narrow GSM threshold            1.4 GSM spike threshold</p>	<p><b>2</b> <b>Mute</b></p> <p>2.1 AF Gain in 1dB steps            2.2 Squelch level in S-units, 0 = OFF            2.3 CW sideton level in 1dB steps  <i>SSB only</i>            2.4 RX EQ switch on/off            2.5 SSB Monitor level in 1dB steps</p>	<p><b>3</b> <b>Noise blank ON/OFF</b></p> <p>3.1 Condx sensitivity            separate value per band &amp; per mode            3.2 Noise blank level            3.3 Noise Floor Suppression            separate value per band &amp; per mode</p>
<p><b>4</b> <b>Auto notch ON/OFF QRO ON/OFF</b></p> <p>4.1 Keyer Speed in WPM 6 – 60 WpM            4.2 SSB Sideton pitch 10Hz – 2.53kHz            4.3 Auto OSK mode            0 = full QSK,            1 = drop back between characters            2 = drop back between words,            3 = use 7.4 value for CW            4.4 CW tones, 1 or 2            4.5 Key / PTT definition            0 = Key line = CW on/off,            PTT line = T/R switching if SSB            1 = Key is dot, PTT is dash, lambic A            2 = Key is dot, PTT is dash, lambic B            4.6 Key memory            0 = no dot or dash memory,            1 = dor memory only            2 = dot and dash memory            4.7 CW inter-letter spacing            0 = manual,            1 = auto inter-letter spacing gap</p>	<p><b>5</b> <b>Manual notch ON/OFF</b></p> <p>5.1 Manual notch frequency 100Hz – 2,53kHz            5.2 DSP Monitor options            0 = all monitoring off            1 = digital S-meter on FrontMC            2 = enable DSP Monitoring on PC            3 = version of DSP code currently loaded - in CW            5.3 Stereo effect (ie amount)  <i>Set to 0 for CW Stereocode</i>            5.4 Stereo balance in 1dB steps            5.5 RX gain switch Test only Add[] values below            5.6 Manual AD603 gain [1] 1dB steps            5.7 Manual Pre-ADC gain [2] 1.5dB steps            5.8 Manual AGC gain [3] 1dB steps</p>	<p><b>6</b> <b>RX Filter mode 6.1 or 6.2</b></p> <p>6.1 CW Filter Depth 0 – 80 dB            6.2 SSB Filter Width N 200Hz – 3.6kHz            6.3 SSB Filter Width W 200Hz – 3.6kHz            6.4 CW Filter Width 100Hz – 2.8kHz            6.5 SSB Filter centre 100Hz – 2.5kHz            6.6 CW Pitch 200Hz – 1.0kHz            6.7 S-meter cal. see setup            6.8 S-meter zero see setup            6.9 S-meter update rate see setup</p>
<p><b>7</b> <b>VOX ON/OFF OSK ON/OFF</b></p> <p>7.1 GMS Hang time in 10 ms steps            7.2 VOX gain in 1 dB steps SSB only            7.3 CW GMS auto hang time switch CW only            7.4 TX hang time in 5 ms steps            7.5 R &gt; T pre delay in 1 ms steps            7.6 T &gt; R blank time in 1 ms steps            7.7 anti VOX gain in 1 dB steps SSB only</p>	<p><b>8</b> <b>Switch to DSP adjust mode</b></p> <p>8.1 Tx drive in 1 dB steps            separate value per band &amp; per mode            8.2 CW drive decrement on 8.1 in 1 dB steps            separate value per band            8.3 SSB Tx bandwidth 1.8 – 3.0kHz in 20Hz steps            8.4 SSB Tx centre 100Hz – 2.5kHz            8.5 SSB Tx NoiseGate in 1 dB steps, 100 = off</p>	<p><b>9</b> <b>RF clip ON/OFF CW SPOT ON/OFF</b></p> <p>9.1 Speech compression in 1 dB steps 0 - 20dB            9.2 Record/replay switch on / off            9.3 CW spot level            9.4 CW spot level tracks signal on / off            9.5 SSB Tx EQ switch on / off</p>