

VATRA-FM: Menu-Einstellung für BAOFENG UV-5R(RE8W)

Version v1.0 29.11.2021

0 SQL **SOLL 0**

Squelch Level

- Squelch silences the receiver when there is no signal.
 - UHF Sensitivity can be varied from .1 to .3 mV
 - VHF Sensitivity is constant. 1 - 9 = .1 mV
 - Level 0 = Open Squelch
 - There is little difference between settings.
- Level 5 is recommended.

0 - 9

1 STEP **Nach Bedarf**

Frequency Step

- Amount of frequency change when using Up/Down arrows or when scanning in VFO Mode.

2.5 / 5 / 6.25
/ 10 /
12.5 / 25 kHz
2.5 / 5 / 6.25
/ 10 /
12.5 / 20 / 25
/ 50 kHz

2 TXP **Nach Bedarf**

Transmit Power

- Std UV5R - High = 4W Low = 1W
 - F8HP only - High = 8W Mid = 4W Low = 1W
 - Use Low power unless necessary.
 - Power can be toggled Hi/Lo by pressing the [#] key.
- C:\Craig\4Runner\Radio\BaofengProgramming\temp\UV5R Menu Definitions - Miklor_files\uv5r-key2.jpg

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UV5R - High /
Low
F8HP - High /
Mid / Low

3 SAVE **OFF**

Battery Save

- Sleep Ratio to acknowledge an RX signal.
- The higher number increases the RX sleep cycle, but you may miss the first few syllables before the RX opens.

1=1:1 2=1:2 3=1:3 4=1:4
OFF / 1 / 2 / 3
/ 4

4 VOX **OFF**

Voice Operated Xmtr

- Allows transmitter activation by talking only.
- Adjust VOX gain to allow smooth operation.
- Level 10 requires the strongest voice.

OFF / 1, 2 -
10

5 WN **WIDE**

Wideband / Narrowband

- Wide = 5 KHz Narrow = 2.5 KHz
- For Ham use, start with selecting Wide.

WIDE / NARR

6 ABR **Nach Bedarf**

Display Illumination Time

- Time the display stays illuminated.

OFF / 1 -
5 secs
OFF / 1 -10
secs
Depending on
model
1 - 24 secs
with CHIRP

7 TDR **OFF**

Dual Watch / Dual Reception

- Allows monitoring of 2 channels, toggling between Freq A and Freq B.
- If a signal is received, the RX remains on that channel until the signal is gone.

OFF / ON

8 BEEP **OFF**

Keypad Beep

- Allows audible confirmation of a key press.

OFF / ON

9 TOT 600 unkritisch, da VARA max. 5 Sekunden lang im TX-Modus

Transmission Time Out Timer

- Transmit Times Out after pre-selected time.
- Radio will alert you when the time is up.
- This helps prevent overheating.

15 / 30 / 45 /
60 - 600
seconds

10 R-DCS OFF

Rec - Digital Coded Squelch

- Prevents interference from signals on the same frequency.
- The squelch will open only if the incoming signal is coded with the same tone required by your receiver.
- Note: Not all repeaters requiring a tone for access transmit a tone back to you. Leave this function turned OFF unless you are absolutely sure it is needed.

OFF / D023N -
D754I

11 R-CTCS OFF

Rec - Continuous Tone Coded Squelch

- Prevents interference from signals on the same frequency.
- The squelch will open only if the incoming signal is coded with the same tone required by your receiver.
- Note: Not all repeaters requiring a tone for access transmit a tone back to you. Leave this function turned OFF unless you are absolutely sure it is needed.

OFF / 67.0 -
254.1 Hz

12 T-DCS OFF

Trans - Digital Coded Squelch

- Required by some networks to limit access and interference.

OFF /
D023N -
D754I

13 T-CTCS **OFF**

Trans - Continuous Tone Coded Squelch
- Required by some networks to limit access and interference.

OFF /
67.0 Hz -
254.1 Hz

14 VOICE **OFF**

Voice Prompt
- Audible confirmation of a keypad entry.

OFF / ON or
OFF / ENG /
CHI

15 ANI-ID z.B. 80808

Automatic Number ID of Radio (set with S/W)
- Sent when PTT is pressed and/or released.
- Used to alert dispatcher which field radio was keyed.
- Used primarily for commercial applications.

16 DTMFST **OFF**

DTMF Tone of transmit
- Determines when DTMF codes are heard through speaker.
OFF No tones heard
DT-ST Only manually keyed DTMF codes are heard
ANI-ST Only automatically keyed DTMF codes are heard
DT+ANI * All DTMF codes are heard

OFF / DT-ST /
ANI-ST /
DT+ANI

17 S-CODE 1, inaktiv wenn Menu 10 = OFF

Signal Code
- PTT-ID DTMF Code Selection (set with S/W)
- Selects one of 15 DTMF codes.
- Set with software and are up to 5 digits each.
- Enabled by using Menu 19.

1 - 15 groups

18 SC-REV TO, nur im SCAN-Modiús von Interesse

Scan Resume Method

- TO (Time Operation) Scan stops when signal detected. Scan resumes after approximately 5 seconds (even if the channel is still active).
- CO (Carrier Operation) Scan stops when signal detected. Scan resumes when signal disappears.
- SE (Search Operation) Scan stops when signal detected. Scanning will not resume.

TO / CO / SE

19 PTT-ID OFF

When to send the PTT ID signal code

- OFF - No ID is sent.
- BOT - An ID is sent at Beginning of Transmission
- END - An ID is sent at the End of Transmission.
- BOTH - An ID is sent at BOT and EOT
- This tells a dispatcher which field radio was keyed.
- Not Applicable for Ham use. Set to OFF.

OFF /
BOT / EOT /
BOTH

20 PTT-LT 0

Signal Code sending delay

- Not Applicable for Ham use. Set to 0 (zero)

0 - 30 ms or
0 - 50 ms

21 MDF-A Nach Bedarf z.B. NAME

Channel Mode A Display (upper display)

- FREQ - Displays programmed Frequency
- CHAN - Displays Channel Number
- NAME - Displays Channel Name programmed via software.
- If no name is programmed, CHAN will display.

FREQ / CHAN
/ NAME

22 MDF-B Nach Bedarf z.B. NAME

Channel Mode B Display (lower display)

FREQ - Displays programmed Frequency
CHAN - Displays Channel Number
NAME - Displays Channel Name programmed via software.
- If no name is programmed, CHAN will display.

FREQ / CHAN
/ NAME

23 BCL **OFF**

Busy Channel Lockout

- Prevents transmitting on a busy frequency.
- If another repeater or signal is present using a different CTCSS or DCS code, your transmitter will be 'locked out' to prevent interference. When PTT is keyed, radio will sound a Beep Tone through the speaker only.

OFF / ON

24 AUTOLK **OFF**

Automatic Keypad Lock

- When ON, keypad will be locked if not used in 8 seconds.
- Pressing the [#] key for 2 seconds will Lock/Unlock the keys on the keypad.

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OFF / ON

25 SFT-D **OFF, da VARA FM=SIMPLEX**

Frequency shift direction

- Enables access of repeaters in VFO/FREQ mode.

OFF TX = RX (simplex)

+ (plus) TX shifted Higher in freq than RX

- (minus) TX shifted Lower in freq than RX

OFF / + / -

26 OFFSET **000.000 da VARA FM=SIMPLEX**

Frequency shift amount

- Specifies frequency difference between TX and RX.

- Used with Menu 25 for repeater access in VFO/FREQ mode.

- Offset is not required when storing repeater frequencies into channels.

00.000 -

69.990 MHz
in 10 kHz
steps

27 MEM-CH 000

Store a memory channel

- Stores channel information in memory slot 0 - 127
- For a detailed examples of the programming process, please
000 - 127

28 DEL-CH 000

Delete a memory channel

- Deletes information stored in memory slot 0 - 127
000 - 127

29 WT-LED Nach Bedarf

Illumination / Display Color - Standby

- Screen illumination color in Standby Mode

OFF / BLUE /
ORANGE /
PURPLE

30 RX-LED Nach Bedarf

Illumination / Display Color - Receive

- Screen illumination color in Receive Mode

OFF / BLUE /
ORANGE /
PURPLE

31 TX-LED Nach Bedarf

Illumination / Display Color - Transmit

- Screen illumination color in Transmit Mode

OFF / BLUE /
ORANGE /
PURPLE

32 AL-MOD TONE

Alarm Mode

SITE - Sounds alarm through your radio speaker only.

TONE - Transmits a cycling tone over the air.

CODE - Transmits '119' followed by ANI code over the air.

SITE / TONE /
CODE

33 BAND Nach Bedarf

Band Selection

- In VFO/FREQ mode, sets VFO A or B to VHF or UHF band.
 - This is similar to the [BAND] button.
- Newer releases of radio eliminate the need for a Band Button.

VHF / UHF

34 TDR-AB OFF

Transmit selection while in Dual Watch / Dual Reception

- While in Dual Watch mode, this forces the selection of which transmit frequency is selected.

OFF / A / B

35 STE OFF

Squelch Tail Elimination

- Eliminates the squelch tail at the end of a transmission.
- Only works when other radios turn on their Tail function.
- * For Ham use, set to OFF.

OFF / ON

36 RP-STE OFF

Repeater Squelch Tail Elimination

- Requires a repeater using this function.
- * For Ham use, set to OFF.

OFF / 1, 2, 3 -
10

37 RPT-RL OFF

Delay the squelch tail of repeater

- * For Ham use, set to OFF.

OFF / 1, 2, 3 -
10

38 PONMSG Nach Bedarf

Boot / Power On Display

- FULL - Displays the entire LCD screen.
- MGS - Displays a 2 line Power On message.

FULL / MGS

39 ROGER **OFF**

Tone at end of transmission

- Sends a Tone at the end of each transmission.

* For Ham use, set to OFF.

OFF / ON

40 RESET

Restore to default settings

- VFO - Resets all menus to factory default.

Resets VFO [A] and [B] frequencies to factory default.

- ALL - Same as above.

Erases all channels.

Resets chan 0 to 136.025 MHz / chan 127 to 470.625 MHz

VFO / ALL