

DL4CU

Startseite

ARDF

VX1-R YAESU

FT-817 / 857 / 897

Dipol 17 / 40m

DRM - Radio

Locator

Taschenrechner

ASCII Key Code

Move The Box

Eprommer

Relaisadapter

Wettersatelliten

Links

Guestbook

Webmaster

Besucher

183337

[disclaimer](#)

**letzte Änderung
am 25. Nov 2005**

FT897 Software und Hints

E-Mail : DL4CU@darcd.de

[back to mainpage](#)

FT897-Page in [german](#)

NEW FT897 Controller Software **NEW**



Futures :

- Modification, such as Wide TX / RX without hardware-changes (jumper)
- recovery the original value
- ReadOut all values as modulation-set, power-set, squelch-set, with software

- Save, Load the Set-Values
- Simplest recovery the original Set-Values

I'll developpe this software continue for a complete CAT-Program , for change and work on of all functions and all memories.

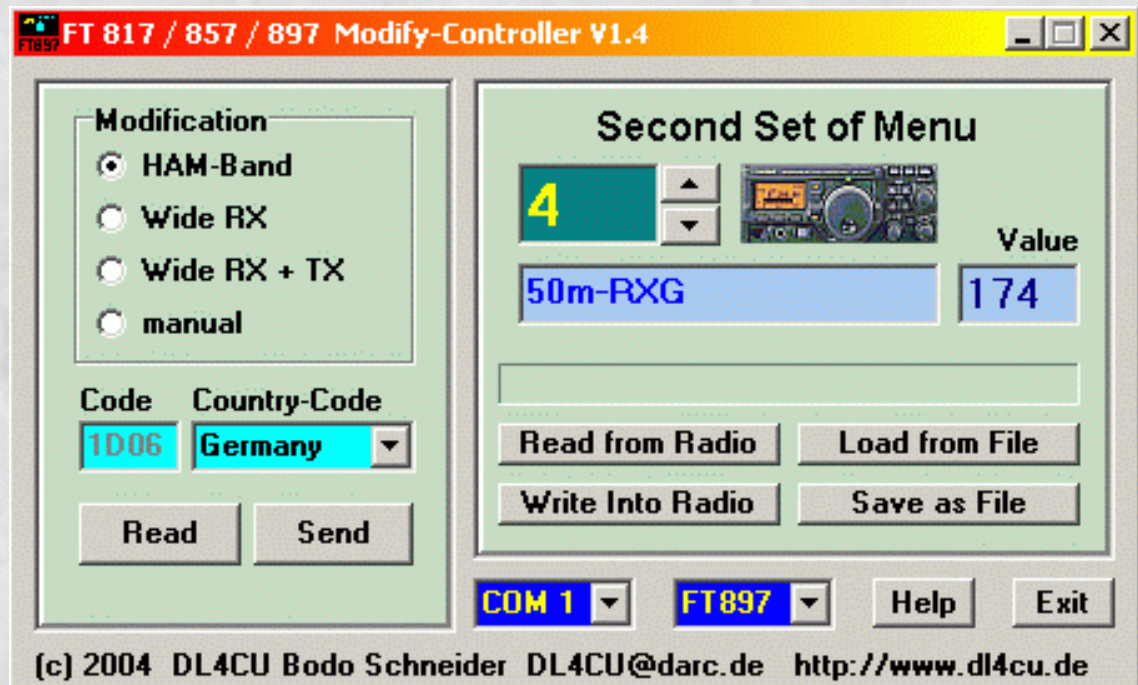
For a connect switch the radio to 4800 Bd in MENU-SET #19 and CAT-MODE in MENU-SET #20 . My Software in this version assumes the COM-Port 1-8 on your PC / Laptop. The adapter is aviable in all Radio-shops / HAM-shops... , certainly you can use a selfmade adapter. Here is a circuit of the [original](#) adapter and here a [simple](#) adapter-version. Both works ok, without any problems.

For [Modify](#) the FT897-Radio do not change the jumpers, do this with this software - it is the simplest way and very save for your radio. You can switch to Wide RX, Wide RX+TX, you can enter manual values and of course recover the original value. Your modify is

available till the next hard-reset of your radio. After a Hard-Reset your radio again is in the Mode of the Jumper-SET.

The **Second SET Menu** - You can ReadOut - and WriteIn the radio, Save and Load from File and work on all topics. If you had a crash, you can write again this File into your radio and all is well...

Here a Screenshot of my software



Here you can [Download](#) the Controller Program

Range	Range Wide RX	Range Wide TX
HF	100 Khz - 33,0 Mhz	1,8 Mhz - 33,0 Mhz
6m	33,0 Mhz - 56,0 Mhz	33,0 Mhz - 56,0 Mhz
FM	76,0 Mhz - 108,0 Mhz	-- -- -- --
Air	118,0 Mhz - 137,0 Mhz	-- -- -- --
VHF	137,0 Mhz - 164,0 Mhz	137,0 Mhz - 164,0 Mhz
UHF	420,0 Mhz - 470,0 Mhz	420,0 Mhz - 470,0 Mhz

The Second Set of Menu

Press and Hold the A, B and C Keys and then Turn On your radio. Now you can switch to the Menu-Topics F1...F74. Also you can work on this value - But be CAREFUL !!! when you don't know the meanings of the topics. The best, you change nothing. Read out this values and save it as a File on your PC. Between the FT897 radios this values are different - a little bit. But you can use my values of my FT897 , when you had a crash, and your radio had lost all values of the SET-Menu, - and you have not a File.

Menue No.	Description	Remarks	Value
001	HF1-RXG	CW 1.825.07	141
002	HF2-RXG	CW 7.043.55	100
003	HF3-RXG	CW 21.070.00	177
004	50M-RXG	CW 50.095.00	174
005	VHF-RXG	CW 145.375.00	118
006	UHF-RXG	CW 433.425.00	126
007	SSB-S9	CW 21.070.00	70
008	SSB-FS	CW 21.070.00	62
009	FM-S1	FM 145.375.00	78
010	FM-FS	FM 145.375.00	109
011	DISC-L	FM 145.375.00	49
012	DISC-H	FM 145.375.00	76
013	FM-TH1	FM 145.375.00	85
014	FM-TH2	FM 145.375.00	86
015	FM-TI1	FM 145.375.00	3
016	FM-TI2	FM 145.375.00	4
017	VCC	FM 145.375.00	138
018	HF1-IC	CW 1.825.07	82
019	HF2-IC	CW 7.043.55	82
020	HF3-IC	CW 21.070.00	92
021	50M-IC	CW 50.095.00	88
022	VHF-IC	CW 145.375.00	73
023	UHF-IC	CW 433.425.00	76
024	HF1-PO-MAX	CW 1.825.07	167
025	HF1-PO-MID2	CW 1.825.07	106
026	HF1-PO-MID1	CW 1.825.07	30

027	HF1-PO-MIN	CW 1.825.07	11
028	HF2-PO-MAX	CW 7.043.55	163
029	HF2-PO-MID2	CW 7.043.55	103
030	HF2-PO-MID1	CW 7.043.55	29
031	HF2-PO-MIN	CW 7.043.55	11
032	HF3-PO-MAX	CW 21.070.00	162
033	HF3-PO-MID2	CW 21.070.00	103
034	HF3-PO-MID1	CW 21.070.00	28
035	HF3-PO-MIN	CW 21.070.00	11
036	50M-PO-MAX	CW 50.095.00	150
037	50M-PO-MID2	CW 50.095.00	94
038	50M-PO-MID1	CW 50.095.00	48
039	50M-PO-MIN	CW 50.095.00	9
040	VHF-PO-MAX	CW 145.375.00	86
041	VHF-PO-MID2	CW 145.375.00	43
042	VHF-PO-MIN	CW 145.375.00	6
043	UHF-PO-MAX	CW 433.425.00	115
044	UHF-PO-MIN	CW 433.425.00	13
045	HF1-TXG	USB 1.825.47	47
046	HF2-TXG	USB 7.043.55	38
047	HF3-TXG	USB 21.070.00	44
048	50M-TXG	USB 50.095.00	39
049	VHF-TXG	USB145.375.00	50
050	UHF-TXG	USB433.425.00	49
051	ALC1-M	USB 21.070.00	0
052	ALC-M	USB 21.070.00	82
053	HF1-REV-ALC	CW 1.825.07	47
054	HF2-REV-ALC	CW 7.043.55	42
055	HF3-REV-ALC	CW 21.070.00	48
056	50M-REV-ALC	CW 50.095.00	48
057	VHF-REV-ALC	CW 145.375.00	61
058	UHF-REV-ALC	CW 433.425.00	61
059	CW-CAR-LEVEL	CW 21.070.00	144
060	AM-CAR-LEVEL	AM 21.070.00	125
061	DEV-W	FM 145.375.00	209
062	DEV-N	FMN145.375.00	106
063	MOD-MTR	FM 145.375.00	192
064	DTMF-DEV	FM 145.375.00	47
065	CTCSS-DEV	FM 145.375.00	225
066	DCS-DEV	FM 145.375.00	163
067	LSB-CAR-POINT	LSB 21.070.00	-4

068	USB-CAR-POINT	USB 21.070.00	0
069	VSWR2 at 10W	CW 14.070.00	11
070	VSWR3 at 10W	CW 14.070.00	32
071	ATAS-TEST	LSB 14.070.00	
072	AMTR-TEST	LSB 14.070.00	
073	HTEMP-Threshold	LSB 14.070.00	38
074	FTEMP-Threshold	LSB 14.070.00	102
