

DX4WIN Set-up Instructions for Kenwood TS-2000 Radio
01-18-2014

Documents – Software Manuals

DX4WIN SET-UP INSTRUCTIONS FOR KENWOOD TS-2000 RADIO

Prepared By: Stephen R. Lett, KB3TAW

Left click on “File” on menu bar

Left click on “Preferences”

Screen #1 – Set-up Parameters

Setup Parameters

File

Callsign
KB3TAW

Name and Address
Stephen Lett
Box 80
Bethany Beach, DE 19930-0080
U.S.A.

User Level
Advanced

Worked Cutoff
3650

Mailed Cutoff
365

Grid locator
FM281m

Longitude
75.030 West

Latitude
38.320 North

Date format
mm/dd/yyyy

Units
Mi

Personal

Station

QSO

Screen

Import

Radio

Control

CW

Packet1

Packet2

Packet3

RTTY

Ext Data

F2 Key

Rep/Lab

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Setup Parameters

File

Bands	Modes	VUCC bands	Personal
<input checked="" type="checkbox"/> 160m	<input type="checkbox"/> JT65A	<input type="checkbox"/> 6m	Station
<input checked="" type="checkbox"/> 80m	<input type="checkbox"/> JT6M	<input type="checkbox"/> 4m	QSO
<input checked="" type="checkbox"/> 60m	<input type="checkbox"/> MFSK16	<input type="checkbox"/> 2m	Screen
<input checked="" type="checkbox"/> 40m	<input type="checkbox"/> MFSK8	<input type="checkbox"/> 1.25m	Import
<input checked="" type="checkbox"/> 30m	<input type="checkbox"/> MT63	<input type="checkbox"/> 70cm	Radio
<input checked="" type="checkbox"/> 20m	<input type="checkbox"/> OLIVIA	<input type="checkbox"/> 33cm	Control
<input checked="" type="checkbox"/> 17m	<input type="checkbox"/> PAC	<input type="checkbox"/> 23cm	Radio
<input checked="" type="checkbox"/> 15m	<input type="checkbox"/> PAC2	<input type="checkbox"/> 13cm	Control
<input checked="" type="checkbox"/> 12m	<input type="checkbox"/> PAC3	<input type="checkbox"/> 9cm	CW
<input checked="" type="checkbox"/> 10m	<input type="checkbox"/> PACK	<input type="checkbox"/> 6cm	Packet1
<input checked="" type="checkbox"/> 6m	<input type="checkbox"/> PCW	<input type="checkbox"/> 3cm	Packet2
<input type="checkbox"/> 4m	<input type="checkbox"/> PSK125	<input type="checkbox"/> Sat	Packet3
<input type="checkbox"/> 2m	<input checked="" type="checkbox"/> PSK31		RTTY
<input type="checkbox"/> 1.25m	<input type="checkbox"/> PSK63		Ext Data
<input type="checkbox"/> 70cm	<input type="checkbox"/> PT0R		F2 Key
<input type="checkbox"/> 33cm	<input type="checkbox"/> Q15		Rep/Lab
<input type="checkbox"/> 23cm	<input checked="" type="checkbox"/> RTTY		
<input type="checkbox"/> 13cm	<input checked="" type="checkbox"/> SSB		
<input type="checkbox"/> 9cm	<input type="checkbox"/> SSTU		
<input type="checkbox"/> 6cm	<input type="checkbox"/> THROB		
<input type="checkbox"/> 3cm	<input type="checkbox"/> TOR		

Mode group

Phone
 CW
 Digital
 Image

Setup Parameters

File

Defaults for new QSO

Band	Mode	QSL Method	Label/Upl flag	Group
20m	SSB	Direct	<input type="checkbox"/> QSL card <input checked="" type="checkbox"/> LoTW <input type="checkbox"/> eQSL	0

Options

Callsign Update
 Warn if QSO not saved
 Show Hints
 Cycle Files
 Check Calendar at startup
 Show seconds in time
 Show band in MHz

Backup (min)

Secondary backup directory

Searching

Callsign

QSO Date

CW frequency cutoff

Band

Frequency (kHz)

Personal

Station

QSO

Screen

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Screen Fonts / Scale

Heading	Size	Bold	Scale Factor
Arial	9	<input type="checkbox"/>	80
Input	Fixedsys	9	<input type="checkbox"/>
Listbox	Fixedsys	9	<input type="checkbox"/>

Leave all windows in original position

Visual appearance

No skin selected

Personal

Station

QSO

Screen

Import

Radio

Control

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Packet1

Packet2

Packet3

RTTY

Ext Data

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Rep/Lab

Setup Parameters

File

Prefix and zone differences

Show QSO information and ask

Error reporting

- Simple errors
- Prefix differences
- Zone differences

Personal

Station

QSO

Screen

Import

Radio

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Setup Parameters

File

Radio

Type	Address	Baud Rate
Kenwood 2000	00	57600

Notes for radio Default Default

Kenwood 2000

COM Port	Poll rate (ms)	Max tries	<input checked="" type="checkbox"/> DTR high
COM1	1000	6	<input checked="" type="checkbox"/> RTS high

Transverter Offset (KHz) Band

Second Radio

Type	Address	Baud Rate
None	00	0

Notes for radio Default Default

COM Port	Poll rate (ms)	Max tries	<input type="checkbox"/> DTR high
COM1	5000	6	<input type="checkbox"/> RTS high

Transverter Offset (KHz) Band

Personal

Station

QSO

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Radio

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Packet2

Packet3

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Setup Parameters		
File		
Band decoder Type: None LPT Port: LPT1 Active bands: 160m-10m		
Rotator Control Type: None COM Port: COM1 Message handshake: ThunderForm ARSWIN		
PSK sound card Input: Default Output: Default		
SteppIR Port: COM30 Baud Rate: 9600 Bands enabled: <input type="checkbox"/> 160m, <input type="checkbox"/> 80m, <input type="checkbox"/> 60m, <input type="checkbox"/> 50m Take output from: Disabled		
Personal	Station	QSO
Screen	Import	Radio
Control	CW	Packet1
Packet2	Packet3	RTTY
Ext Data	F2 Key	Rep/Lab

Setup Parameters		
File		
Device type : DX4WIN Radio 1/2 signal : None <input type="checkbox"/> Reverse		
Software CW keying / PTT control Interface: None PTT delay: 0 DTR line: None RTS line: None		
External keyer Port: COM8		
Personal	Station	QSO
Screen	Import	Radio
Control	CW	Packet1
Packet2	Packet3	RTTY
Ext Data	F2 Key	Rep/Lab

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Setup Parameters																	
File																	
Cluster interface																	
Type	COM Port	Message handshake															
Regular	TCP/IP																
Baud Rate	Flow Control	Data / Parity															
38400	None	8 bits/no parity															
Warning messages		Audio / Voice															
Ignore		Band/Mode/Call															
DX Alerts		Callsign Alert															
Band/Mode not conf																	
Age for spots (min)		Prefixes/Zones for Spotters															
Spots	Band map	K,UE,W,XE															
60	30																
Options																	
Spots to ignore	<input checked="" type="checkbox"/> Backup DX spots																
Gray spots	<input checked="" type="checkbox"/> Show spot on taskbar																
<input type="checkbox"/> Update QSO Window	<input checked="" type="checkbox"/> Show function keys																
<input type="checkbox"/> Use bell character	<input checked="" type="checkbox"/> Alert unconfirmed country																
	<input checked="" type="checkbox"/> Enable Last Freq																
<table border="1"> <tr><td>Personal</td></tr> <tr><td>Station</td></tr> <tr><td>QSO</td></tr> <tr><td>Screen</td></tr> <tr><td>Import</td></tr> <tr><td>Radio</td></tr> <tr><td>Control</td></tr> <tr><td>CW</td></tr> <tr><td>Packet1</td></tr> <tr><td>Packet2</td></tr> <tr><td>Packet3</td></tr> <tr><td>RTTY</td></tr> <tr><td>Ext Data</td></tr> <tr><td>F2 Key</td></tr> <tr><td>Rep/Lab</td></tr> </table>			Personal	Station	QSO	Screen	Import	Radio	Control	CW	Packet1	Packet2	Packet3	RTTY	Ext Data	F2 Key	Rep/Lab
Personal																	
Station																	
QSO																	
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RTTY																	
Ext Data																	
F2 Key																	
Rep/Lab																	

Setup Parameters																	
File																	
Scrollback capacity																	
Packet	DX spots																
1000	400																
Talk messages																	
20																	
<input type="checkbox"/> Show age of spots																	
<input type="checkbox"/> Check @ calls																	
Warning patterns																	
KB3TAW DE *:*																	
TO LOCAL DE *																	
TO ALL DE *																	
WWU*																	
DX spotting patterns																	
DX DE r: f c q tZ																	
f c d tZ q <r>																	
r f c q <t d>																	
DX c f q																	
DX DE r: f c q tZ *																	
Colors for DX spots																	
New Country																	
New award Mode																	
New award Band																	
Award Mode not conf																	
Award Band not conf																	
New Band/Mode																	
Band/Mode not conf																	
Nothing special																	
No interest																	
<table border="1"> <tr><td>Personal</td></tr> <tr><td>Station</td></tr> <tr><td>QSO</td></tr> <tr><td>Screen</td></tr> <tr><td>Import</td></tr> <tr><td>Radio</td></tr> <tr><td>Control</td></tr> <tr><td>CW</td></tr> <tr><td>Packet1</td></tr> <tr><td>Packet2</td></tr> <tr><td>Packet3</td></tr> <tr><td>RTTY</td></tr> <tr><td>Ext Data</td></tr> <tr><td>F2 Key</td></tr> <tr><td>Rep/Lab</td></tr> </table>			Personal	Station	QSO	Screen	Import	Radio	Control	CW	Packet1	Packet2	Packet3	RTTY	Ext Data	F2 Key	Rep/Lab
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Setup Parameters

File

Packet spotting filter

Bands	Modes
<input checked="" type="checkbox"/> 160m	<input type="checkbox"/> MFSK16
<input checked="" type="checkbox"/> 80m	<input type="checkbox"/> MFSK8
<input checked="" type="checkbox"/> 60m	<input type="checkbox"/> MT63
<input checked="" type="checkbox"/> 40m	<input type="checkbox"/> OLIVIA
<input checked="" type="checkbox"/> 30m	<input type="checkbox"/> PAC
<input checked="" type="checkbox"/> 20m	<input type="checkbox"/> PAC2
<input checked="" type="checkbox"/> 17m	<input type="checkbox"/> PAC3
<input checked="" type="checkbox"/> 15m	<input type="checkbox"/> PACK
<input checked="" type="checkbox"/> 12m	<input type="checkbox"/> PCW
<input checked="" type="checkbox"/> 10m	<input type="checkbox"/> PSK125
<input checked="" type="checkbox"/> 6m	<input type="checkbox"/> PSK31
<input type="checkbox"/> 4m	<input type="checkbox"/> PSK63
<input checked="" type="checkbox"/> 2m	<input type="checkbox"/> PTOR
<input type="checkbox"/> 1.25m	<input type="checkbox"/> Q15
<input type="checkbox"/> 70cm	<input checked="" type="checkbox"/> RTTY
<input type="checkbox"/> 33cm	<input checked="" type="checkbox"/> SSB
<input type="checkbox"/> 23cm	<input type="checkbox"/> SSTU
<input type="checkbox"/> 13cm	<input type="checkbox"/> THROB
<input type="checkbox"/> 9cm	<input type="checkbox"/> TOR
<input type="checkbox"/> .	

Personal

Station

QSO

Screen

Import

Radio

Control

CW

Packet1

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RTTY interface

Type COM Port
None **COM12**

Baud Rate Flow Control Data / Parity
4800 **None** **8 bits/no parity**

Scrollback capacity
500

Options

- Check for DX spots
- Announce DX to other window
- Always in Immediate mode
- Use bell character
- Show function keys

MMTTY

Executable
c:\program files\mmtty\mmtty.exe

Personal

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Setup Parameters

File

Address search
 Data Source: **None** Data Directory:

QSL Manager search (EXE)
 Executable program: Enabled

QSL Manager search (DLL)
 DLL: Enabled

Website callsign lookup
 Callsign lookup address: Enabled

 QSL manager lookup address:

Personal
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 RTTY
 Ext Data
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 Rep/Lab

Setup Parameters

File

Action when pressing F2 Key
 Mark QSO as confirmed
 Mark for printing a Label

Confirmation options
 Set QSL Date to today
 Alert when confirming QSO for an award

Label options
 Mark for sequenced printing
 QSL Method:

Awards checked when confirming QSO
 DXCC
 WAS
 WAZ
 WPX
 County
 IOTA
 UUCB
 CQ DX Field

QSO selection after F2 key

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Setup Parameters

File

Reports

Font name: Size:

Embellishments: Bold Header

Default Report Format:

Report Heading:

Labels

Greeting

Personal
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 RTTY
 Ext Data
 F2 Key

RepLab

Label Editor

Label name:

Units:

Label width: Label height:

Nr across: Nr down:

Horz pitch: Vert pitch:

Paper size:

Spacing left: Spacing top:

Horz shift: Vert shift:

Max QSOs: Portrait

Callsign font:

Body font:

Options

Commercial
 Use lines
 Call right aligned

Copy Preview OK Cancel

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To interface with WinPSK for PSK operation:

Click on “Window” in the menu bar

Click on “PSK31” or on “ALT+3”

Right click a blank area to the right of “Start”

Left click on “Settings”

Left click on “RX”

Set RX Frequency to 901

Click to insert checkmark in the “AFC” box

Set AFC Range to 100

Left click on “TX”

Set TX Frequency to 901

Click to insert checkmark in the “Net” box

Set “PTT” to COM 1

Set “Key Line” to RTS

Left click on “Display”

Set “Smoothing” to 4

Set “Baseline” to 30

Click to insert checkmark in the “Slow IMD Meter” box

Set “Alternate Colors” to whatever you wish

Left click on “Other”

Set “Mode” to your choice BPSK most likely

Set “Central Frequency” to 1500

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To interface with MMTTY for RTTY operation”

Click on “Window” in the menu bar

Click on “MMTTY”

Right click on blank area to the right of “Start”

Left click on “Keying Set-up”

Set COM Port to COM1

Set “Key Line” to RTS

Click on “X” in upper right of “MMTTY keying set-up” window

Right click on blank area to the right of “Start”

Left click on “Edit function keys”

Set function keys as desired

--- END ---