

DX4Win v.8.02 Setup Notes
For Elecraft K3 Radio
As prepared by Tony McClenny, N3ME

After the installation of the DX4Win software, one needs to configure the software options.

Note: All settings for my use of the software and my Elecraft K3 radio, requires the use of LP_Bridge software to create and operate multiple virtual com ports. See the separate instructions for the installation and setup parameters used by the LP_Bridge software. The LP_Bridge software should be installed and configured prior to the installation and configuration of DX4Win.

To configure DX4Win,

Left click on "File" on the menu bar

Left click on "Preferences"

Use the following diagrams to set the parameters:

Setup Parameters

File

Callsign

Name and Address

User Level Worked Cutoff Mailed Cutoff

Grid locator Longitude Latitude
 West North

Date format Units

Personal
 Station
 QSO
 Screen
 Import
 Radio
 Control
 CW
 Packet1
 Packet2
 Packet3
 RTTY
 Ext Data
 F2 Key
 Rep/Lat

Setup Parameters

File

Bands	Modes	VUCC bands
<input checked="" type="checkbox"/> 160m	<input type="checkbox"/> AM	<input checked="" type="checkbox"/> 6m
<input checked="" type="checkbox"/> 80m	<input type="checkbox"/> ASCII	<input type="checkbox"/> 4m
<input checked="" type="checkbox"/> 60m	<input type="checkbox"/> ATU	<input type="checkbox"/> 2m
<input checked="" type="checkbox"/> 40m	<input type="checkbox"/> CLOVER	<input type="checkbox"/> 1.25m
<input checked="" type="checkbox"/> 30m	<input checked="" type="checkbox"/> CW	<input type="checkbox"/> 70cm
<input checked="" type="checkbox"/> 20m	<input type="checkbox"/> FAX	<input type="checkbox"/> 33cm
<input checked="" type="checkbox"/> 17m	<input checked="" type="checkbox"/> FM	<input type="checkbox"/> 23cm
<input checked="" type="checkbox"/> 15m	<input type="checkbox"/> FSK441	<input type="checkbox"/> 13cm
<input checked="" type="checkbox"/> 12m	<input type="checkbox"/> FSTU	<input type="checkbox"/> 9cm
<input checked="" type="checkbox"/> 10m	<input type="checkbox"/> GTOR	<input type="checkbox"/> 6cm
<input checked="" type="checkbox"/> 6m	<input type="checkbox"/> HELL	<input type="checkbox"/> 3cm
<input type="checkbox"/> 4m	<input type="checkbox"/> HFSK	<input type="checkbox"/> Sat
<input type="checkbox"/> 2m	<input type="checkbox"/> JT44	
<input type="checkbox"/> 1.25m	<input type="checkbox"/> JT65	
<input type="checkbox"/> 70cm	<input type="checkbox"/> JT65A	
<input type="checkbox"/> 33cm	<input type="checkbox"/> JT6M	
<input type="checkbox"/> 23cm	<input type="checkbox"/> MFSK16	
<input type="checkbox"/> 13cm	<input type="checkbox"/> MFSK8	
<input type="checkbox"/> 9cm	<input type="checkbox"/> MT63	
<input type="checkbox"/> 6cm	<input type="checkbox"/> MTOR	
<input type="checkbox"/> 3cm	<input type="checkbox"/> OLIVIA	

Mode group
 Phone
 CW
 Digital
 Image

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Setup Parameters

File

Defaults for new QSO

Band	Mode	QSL Method	Label/Upl flag	Group
20m	SSB	Buro	<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)

Searching

Callsign

QSO Date

CW frequency cutoff

Band

Frequency

Personal

Station

QSO

Screen

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Setup Parameters

File

Screen Fonts / Scale

Heading	Size	Bold	Scale Factor
Comic Sans MS	9	<input type="checkbox"/>	80
Input Consolas	9	<input checked="" type="checkbox"/>	
Listbox Fixedsys	9	<input type="checkbox"/>	

Leave all windows in original position

Visual appearance

Personal

Station

QSO

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Setup Parameters

File

Prefix and zone differences
Show QSO information and ask ▼

Error reporting
 Simple errors
 Prefix differences
 Zone differences

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Setup Parameters

File

Radio

Type: Elecraft K3 X4 Address: 00 Baud Rate: 38400

Notes for radio: Default Default

COM Port: COM5 Poll rate (ms): 1000 Max tries: 6 DTR high
 RTS high

Transverter Offset (KHz): 0 Band: None

Second Radio

Type: None Address: 00 Baud Rate: 0

Notes for radio: Default Default

COM Port: COM8 Poll rate (ms): 5000 Max tries: 6 DTR high
 RTS high

Transverter Offset (KHz): 0 Band: None

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Setup Parameters

File

Band decoder

Type	LPT Port	Active bands
None	LPT1	160m-10m

Rotator Control

Type	COM Port
None	COM2

Message handshake

ThunderForm | ARSWIN

PSK sound card

Input	Default
Output	Default

SteppIR

Port	Baud Rate	Bands enabled
COM30	9600	<input type="checkbox"/> 160m <input type="checkbox"/> 80m <input type="checkbox"/> 60m <input type="checkbox"/> 40m

Take output from

Disabled

Personal

Station

QSO

Screen

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Radio

Control

CW

Packet1

Packet2

Packet3

RTTY

Ext Data

F2 Key

Rep/Lab

Setup Parameters

File

Device type

DX4WIN

Radio 1/2 signal

None

Radio 1/2 signal

Reverse

Software CW keying / PTT control

Interface	PTT delay	DTR line	RTS line
None	0	None	None

External keyer

Port

COM8

Personal

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Rep/Lab

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		System Beep
DX Alerts		Callsign Alert
Band/Mode not conf		
Age for spots (min)		Prefixes/Zones for Spotters
Spots	Band map	K,VE,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	

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Setup Parameters

File

Scrollbar capacity		Warning patterns	
Packet	DX spots	N3ME DE *:*	
1000	400	TO LOCAL DE *	
Talk messages		TO ALL DE *	
20		WWU*	
<input type="checkbox"/> Show age of spots			
<input type="checkbox"/> Check @ calls			
DX spotting patterns		Colors for DX spots	
DX DE r: f c q tZ		New Country	
f c d tZ q <r>		New award Mode	
r f c q <t d>		New award Band	
DX c f q		Award Mode not conf	
DX DE r: f c q tZ *		Award Band not conf	
		New Band/Mode	
		Band/Mode not conf	
		Nothing special	
		No interest	

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Setup Parameters

File

Packet spotting filter

Bands	Modes
<input checked="" type="checkbox"/> 160m	<input type="checkbox"/> AM
<input checked="" type="checkbox"/> 80m	<input type="checkbox"/> ASCII
<input checked="" type="checkbox"/> 60m	<input type="checkbox"/> ATU
<input checked="" type="checkbox"/> 40m	<input type="checkbox"/> CLOVER
<input checked="" type="checkbox"/> 30m	<input checked="" type="checkbox"/> CW
<input checked="" type="checkbox"/> 20m	<input type="checkbox"/> FAX
<input checked="" type="checkbox"/> 17m	<input type="checkbox"/> FM
<input checked="" type="checkbox"/> 15m	<input type="checkbox"/> FSK441
<input checked="" type="checkbox"/> 12m	<input type="checkbox"/> FSTU
<input checked="" type="checkbox"/> 10m	<input type="checkbox"/> GTOR
<input checked="" type="checkbox"/> 6m	<input type="checkbox"/> HELL
<input type="checkbox"/> 4m	<input type="checkbox"/> HFSK
<input type="checkbox"/> 2m	<input type="checkbox"/> JT44
<input type="checkbox"/> 1.25m	<input type="checkbox"/> JT65
<input type="checkbox"/> 70cm	<input type="checkbox"/> JT65A
<input type="checkbox"/> 33cm	<input type="checkbox"/> JT6M
<input type="checkbox"/> 23cm	<input type="checkbox"/> MFSK16
<input type="checkbox"/> 13cm	<input type="checkbox"/> MFSK8
<input type="checkbox"/> 9cm	<input type="checkbox"/> MT63

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Setup Parameters

File

RTTY interface

Type	COM Port	
None	COM30	
Baud Rate	Flow Control	Data / Parity
9600	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

Station

QSO

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Packet1

Packet2

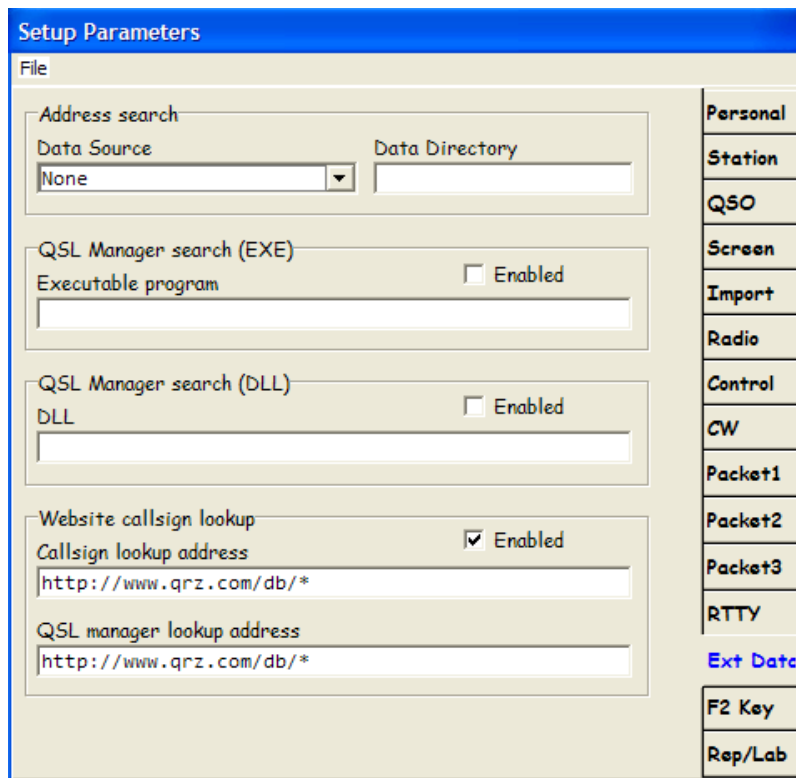
Packet3

RTTY

Ext Data

F2 Key

Rep/Lab



If you want to use HamCall.net for address lookups instead of QRZ (by typing ENTER in the Callsign/mgr lookup (F3), window), open your Preferences and select the "Ext Data" tab. At the bottom, where it says "Website callsign lookup", put this text into BOTH fields:

<http://hamcall.net/call?callsign=>

Then save your preferences and exit.

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

Buro

QSO selection after F2 key

Specify New QSO Filter

Awards checked when confirming QSO

- DXCC
- WAS
- WAZ
- WPX
- County
- IOTA
- UUC
- QO DX Field

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Rep/Lab

Setup Parameters

File

Reports

Font name Size

Comic Sans MS 10

Embellishments

None Bold Header

Default Report Format

N3ME Logbook

Report Heading

N3ME

Labels

Greeting

@@ 73 de N3ME

Thanks SWL report de N3ME

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Rep/Lab

- && prints the other station's name
- @@ prints Pse or Tnx
- %% prints the group name if used

Print QSL labels

Printing 13 QSOs

Current label	Missing Labels	QSL method
Custom1	0	ALL

Print QSL Manager Labels
 Print Via Manager
 Print Method Labels
 Print Group Names

QSOs to countries without buro

Count	Alternate QSL method
0	Buro

Print

Edit Mark All Close

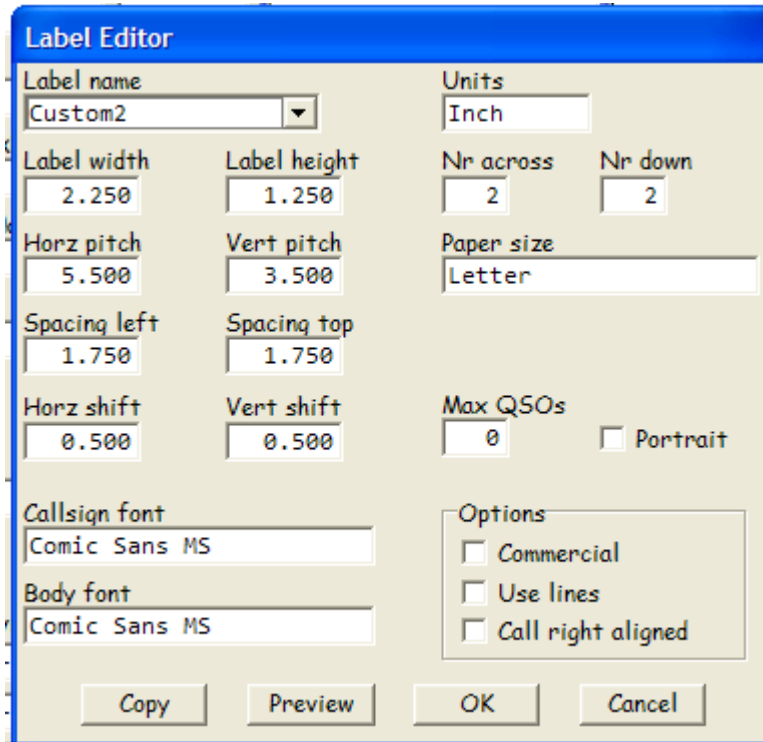
This label "Custom1" is designed to print qsl labels using standard 3 wide by 10 long labels.

The screenshot shows the 'Label Editor' dialog box with the following settings:

- Label name: Custom1
- Units: Inch
- Label width: 2.750
- Label height: 1.000
- Nr across: 3
- Nr down: 10
- Horz pitch: 2.750
- Vert pitch: 1.000
- Paper size: Letter
- Spacing left: 0.000
- Spacing top: 0.600
- Horz shift: 0.300
- Vert shift: 0.000
- Max QSOs: 3
- Portrait:
- Callsign font: Comic Sans MS
- Body font: Comic Sans MS
- Options:
 - Commercial
 - Use lines
 - Call right aligned

Buttons at the bottom: Copy, Preview, OK, Cancel

This label "Custom2" is designed to print qsl cards printing 2 wide by 2 high qsl cards on 8.5" x 11" card stock.



To print directly to blank qsl cards, try these settings:

Label width 5.000

Label height 3.400

NR Across 1

NR Down 1

Pitch 1

Spacing Left 2.6

Spacing Right .225

Macro commands for use with WinPSK and MMTTY software:

%~	Inserts my call sign
%@	Inserts their call sign
%%\$	Sends RST(s) from DX4Win log page
%e	Stops sending data
%M	Carriage return
%X	Starts sending data

To interface with WinPSK for PSK operation:

Set Elecraft K3 radio to:

Mode	SSB (lsb or usb - band dependent)
Power	50 watts
Vox	On or Off (makes no difference)

Left Click on "Window" in the menu bar

Left Click on "PSK31" or on press the "ALT + 3" keys on the keyboard

The "PSK31 Window" will open

Right click a blank area to the right of the function keys

A menu will open

Left click on "Settings" or press "Alt + S" keys on the keyboard

The "PSK31 Settings" window will open

Left click on "RX"

Set RX Frequency to 1500

Click to insert checkmark in the "AFC" box

Set AFC Range to 1500

Left click on "TX"

Set TX Frequency to 1500

Click to insert checkmark in the "Net" box

Set "PTT" to COM7

Set "Key Line" to RTS

Left click on "Display"

Set "Smoothing" to 3

Set "Baseline" to 30

Click to insert checkmark in the "Slow IMD Meter" box

Set "Alternate colors" to whatever you wish or leave blank

Left click on "Other"

Set "Mode" to BPSK

Set "Central Frequency" to 1500

Left click on the white "X" in the "PSK31 Settings" window to close the window and save your settings.

Right click on blank area on the function key line

Left click on "Edit function keys"

Edit the function key macros as desired

- F1 CQ|%X%M cq cq de %~ %~%M cq cq de %~ %~ pse k%M%
- F2 Reply|%X%M%@ rst %\$ %\$ de %~ k%M%
- F3 TU|%X%M than you de %~ qrz %M%
- F4 N3ME|%X%M~%M%
- F5
- F6 Name|%X%Mname Tony Tony%M%
- F7 BTU|%X%M%2 btu de %~ k%M%
- F8 QTH|%X%Mqth is Bethany Beach, Sussex County, Delaware -
FM28lm%M%

Frequencies:	160	1.838.15	lsb
	80	3.580.15	lsb
	40	7.080.15	lsb
	30	10.140.15	lsb
	20	14.070.15	usb
	17	18.100.15	usb
	15	21.070.15	usb
	12	24.920.15	usb
	10	28.070.15	usb

To interface with MMTTY for RTTY operation:

Set Elecraft K3 radio to:

Mode	TX Data
Data Mode	AFSK A
Power	50 watts
Vox	Off

Left Click on "Window" in the menu bar

Left Click on "MMTTY"

The "MMTTY Window" window will open

Right click on blank area on the function key line

The "MMTTY keying setup" window will open

Set COM Port to COM7

Set "Key Line" to RTS

Click on "X" in upper right of "MMTTY keying setup" window

Right click on blank area on the function key line

Left click on "Edit function keys"

Set function keys as desired

Left click on "OK" to save the settings

Set function key macros as desired:

- F1 CQ|%X%M%cq cq cq de %~ %~%M%cq cq cq de %~ %~ k%M%e
- F2 Reply|%X%M%@ rst %\$ %\$ de %~ %M%e
- F3 TU|%X%M%thank you de %~ qrz %M%e
- F4 N3ME|%X%M%~%M%e
- F5
- F6 Name|%X%M%name Tony Tony %M%e
- F7 BTU|%X%M%@ btu de %~ k%M%e
- F8 QTH|%X%M%qth is Bethany Beach, Sussex County, Delaware - FM28lm %M%e

Ctrl & Enter Enter a QSO

Esc Stop transmitting

Alt & E Edit function keys

Frequencies:	160	1.800 - 1.850	lsb
	80	3.570 - 3.600	lsb
	40	7.040 - 7.125	lsb
	30	10.130 - 10.140	lsb
	20	14.070 - 14.095	usb
	17	18.100 - 18.105	usb
	15	21.070 - 21.110	usb
	12	24.920 - 24.930	usb
	10	28.070 - 28.120	usb
	6	50.180 - 50.190	usb

LoTW Import and Export:

Use the LoTW Instructions document file in the \ARRL\LoTW\ folder.

The following "Membership Lists" information was created by AD1C, Jim Reisert:

Membership Lists

A membership list allows the recognition of a callsign as a member of a group of callsigns. Member "flags" are displayed in the DX Spots window when a spotted callsign matches one or more membership list (see the Memb column below):

DX spots [DXCC] sorted by Time						
P	Freq	Callsign	Memb	Time	QSX	Remarks
8	18,145.0	C21TI		02:40		dani try 1
9	7,008.9	HA5MK		02:41		op Peter
8	3,541.2	K8RYU/M		02:41		ATHE
8	28,490.0	VK5/4		02:42		cq cq
8	7,050.6	WB8TDA		02:42		hami
9	7,051.2	K9TM		02:43		luca
6	7,169.5	4L4WW		02:44		
8	7,004.9	LY2FN	DEL	02:45		
8	3,817.4	KJ8F	E	02:46		oh qp
8	14,240.0	KH6J	E	02:48	14251	QSX 14251.
8	14,243.0	VA6GSM		02:51		59 in Pa.
8	3,837.7	K8NVR	EL	02:54		oh qp
9	7,204.2	AD8P	EL	02:55		IL18BP(>EN
6	10,141.8	UN8FE		02:56		BPSK31 LEO
8	1,824.8	VE1ZJ		02:56		Hrd you we
8	7,019.0	7Z1SJ	E	02:58		simplex ni
6	50,110.0	PU1JWA		02:58		CQ
8	7,070.0	SV2GJV	E	02:59		+1730HZ ,
8	7,265.0	N7WCG		03:00		Loud from
8	3,846.0	K8T		03:01		oh qp
8	3,780.0	PY3JH		03:02		
9	7,044.6	K8MR/M		03:03		mari
8	14,017.0	RX9FB		03:03		

In the example above, LY2FN is a member of the DIG (Diplom Interessen Gruppe) list, and is also a user of both eQSL and LoTW.

The members database can contain up to four (4) such lists.

The callsigns can be added to the list using a simple text file containing the callsigns, one per line. Examples of such a list are club members, subscribers to LoTW or eQSL, active stations in a state you still need to

work etc.

Obtaining Membership Lists

Guy, ON4AOI has some pre-made member lists available on his [DX4WIN web site](#).

Here is the location of some other member lists you can use to build a member database

- [DIG](#) (follow the "Mitgliederliste aktuell" link)
- [eQSL AG Members](#)
- [European PSK Club](#)
- [FISTS](#)
- [LoTW by HB9BZA \(unofficial\)](#) (right-click on the link, "All known users, for RXCLUS", and choose "Save As")
- [OMISS](#) (follow the "Text Roster" link)
- [SMIRK](#)

Creating the Members Database

To create or edit the Members database, right-click on the DX Spots window and select "Membership list":

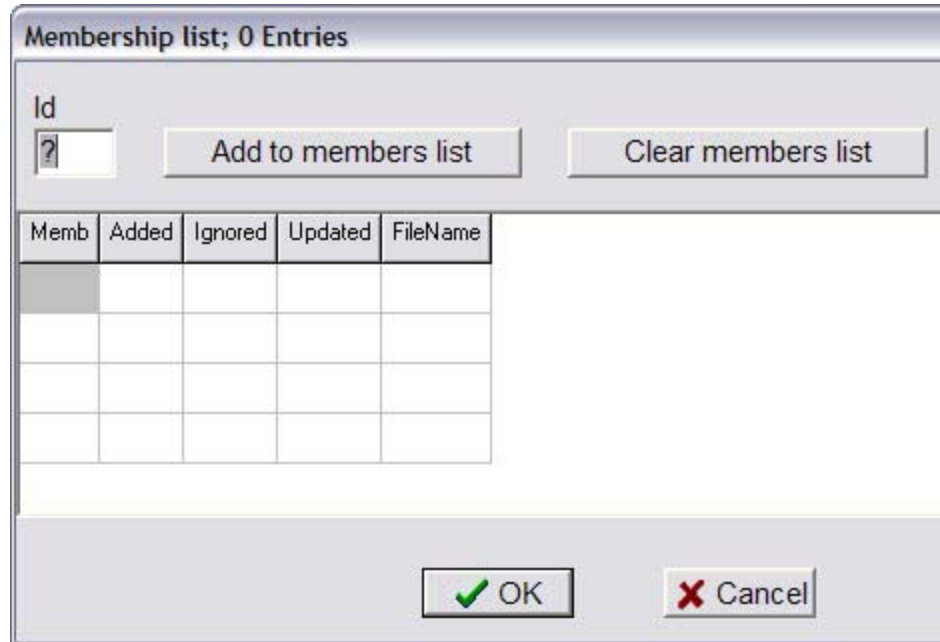
DX spots [DXCC] sorted by Time						
P	Freq	Callsign	Memb	Time	QSX	Remarks
8	7,008.4	9J2FM		20:37		59 TAKE
8	7,040.0	HB9VELO				ty
8	3,509.0	UR5IBV/P				026
8	14,207.0	IZ0PED				
8	7,052.0	YU1XA				ng -
8	10,104.7	ES3AX				
8	28,230.5	HP6RCP/B				
8	7,043.3	ON4ABL				ty
8	14,071.4	PP5/OE9AI				1
8	3,526.5	SN2009W				call
8	18,072.0	TM2NN				vent
8	14,002.3	5N/LZ1QK				
8	21,222.0	9Z4CT				om Ma
8	14,242.5	IZ6GSQ				
9	14,200.0	K3LP				9, ci
8	14,165.0	RA6CA				
9	7,067.0	8S8RBB/M				leshi
8	14,244.0	PF16SDT				wp4
8	10,116.0	SN2009W				
9	18,073.0	ZP6CW				
8	7,014.5	FP/G3ZAY		20:42	7015.5	martin, up
8	14,260.0	FP/M0TDG		20:42		
8	18,133.0	WP3GW	EL	20:42		55

- Delete Ctrl+D
- Grab spot and set radio Enter
- Grab spot only Alt+Enter
- Show spot info in QSO Window Ctrl+Q
- Add to Callsign Alert
- Return to last Freq Ctrl+Enter
- Listen Ctrl+L
- Monitor Ctrl+M
- Sort
- Toggle holding Ins
- View announcements

- DXCC colors
- WAZ colors
- WPX colors

- Cancel spot announcements Esc
- Clear All Spots
- Delete old spots (120 mins)
- Write spots to File
- Membership list**
- Band Map

An empty Membership list will show a window like this:



These steps will create the Logbook of the World (LoTW) membership list:

1. Download the LoTW list by following the link [above](#). Remember where you saved it!
2. Type the letter 'L' into the "Id" field in the Membership list window. This will be used to identify callsigns that are in the LoTW list.
3. Click on the "Add to members list" button. You'll get a Windows file browser. Navigate to the location of the lotw1.txt file you downloaded and click on Open.
4. The Membership list window will now look like:

Membership list; 29520 Entries

Id
L

Memb	Added	Ignored	Updated	FileName
L	29520	0	0	C:\lotw1.txt

If you want to add a second list (i.e. eQSL), follow the same steps #1-4 above. You can repeat this up to a total of four times (four lists). In the following screen, eQSL has been added:

Membership list; 54012 Entries

Id
E

Memb	Added	Ignored	Updated	FileName
L	29520	0	0	C:\lotw1.txt
E	24492	0	12339	C:\AGMemberList.txt

Note the Updated column. DX4WIN stores each callsign in the database only once. Thus, if a call appeared in the LoTW list, and was also found in the eQSL list, that member is considered to be "updated" rather than "added". So the total of eQSL members is 36831 (24492 +

12339).

When you are done adding members, click on the "OK" button, then DX4WIN will write the DX4WIN.MAS2 file to your DX4W80x directory.

Updating the Members Database

Updating the Members database is similar to creating one. The only difference is that records are added to an existing list, but never removed.

Remember to use the correct Id letter. Otherwise, you could update the eQSL list with LoTW callsigns.

Here is an example showing an existing Member database updated with the latest eQSL data:

Membership list; 53987 Entries

Id:

Memb	Added	Ignored	Updated	FileName
E	175	36629	27	C:\AGMemberList.txt

Pay attention to the columns. In the example above, 175 new callsigns were added (that were not found in any other membership list). 27 callsigns were modified, meaning they were found in another membership list, but not the eQSL list.

Membership Lists

A membership list allows the recognition of a callsign as a member of a group of callsigns. Member "flags" are displayed in the DX Spots window when a spotted callsign matches one or more membership list (see the Memb column below):

DX spots [DXCC] sorted by Time						
P	Freq	Callsign	Memb	Time	QSX	Remarks
8	18,145.0	C21TI		02:40		dani try 1
9	7,008.9	HA5MK		02:41		op Peter
8	3,541.2	K8RYU/M		02:41		ATHE
8	28,490.0	VK5/4		02:42		cq cq
8	7,050.6	WB8TDA		02:42		hami
9	7,051.2	K9TM		02:43		luca
6	7,169.5	4L4WW		02:44		
8	7,004.9	LY2FN	DEL	02:45		
8	3,817.4	KJ8F	E	02:46		oh qp
8	14,240.0	KH6J	E	02:48	14251	QSX 14251.
8	14,243.0	VA6GSM		02:51		59 in Pa.
8	3,837.7	K8NVR	EL	02:54		oh qp
9	7,204.2	AD8P	EL	02:55		IL18BP(>EN
6	10,141.8	UN8FE		02:56		BPSK31 LEO
8	1,824.8	VE1ZJ		02:56		Hrd you we
8	7,019.0	7Z1SJ	E	02:58		simplex ni
6	50,110.0	PU1JWA		02:58		CQ
8	7,070.0	SV2GJV	E	02:59		+1730HZ ,
8	7,265.0	N7WCG		03:00		Loud from
8	3,846.0	K8T		03:01		oh qp
8	3,780.0	PY3JH		03:02		
9	7,044.6	K8MR/M		03:03		mari
8	14,017.0	RX9FB		03:03		

In the example above, LY2FN is a member of the DIG (Diplom Interessen Gruppe) list, and is also a user of both eQSL and LoTW.

The members database can contain up to four (4) such lists.

The callsigns can be added to the list using a simple text file containing the callsigns, one per line. Examples of such a list are club members, subscribers to LoTW or eQSL, active stations in a state you still need to

work etc.

Obtaining Membership Lists

Guy, ON4AOI has some pre-made member lists available on his [DX4WIN web site](#).

Here is the location of some other member lists you can use to build a member database

- [DIG](#) (follow the "Mitgliederliste aktuell" link)
- [eQSL AG Members](#)
- [European PSK Club](#)
- [FISTS](#)
- [LoTW by HB9BZA \(unofficial\)](#) (right-click on the link, "All known users, for RXCLUS", and choose "Save As")
- [OMISS](#) (follow the "Text Roster" link)
- [SMIRK](#)

Creating the Members Database

To create or edit the Members database, right-click on the DX Spots window and select "Membership list":

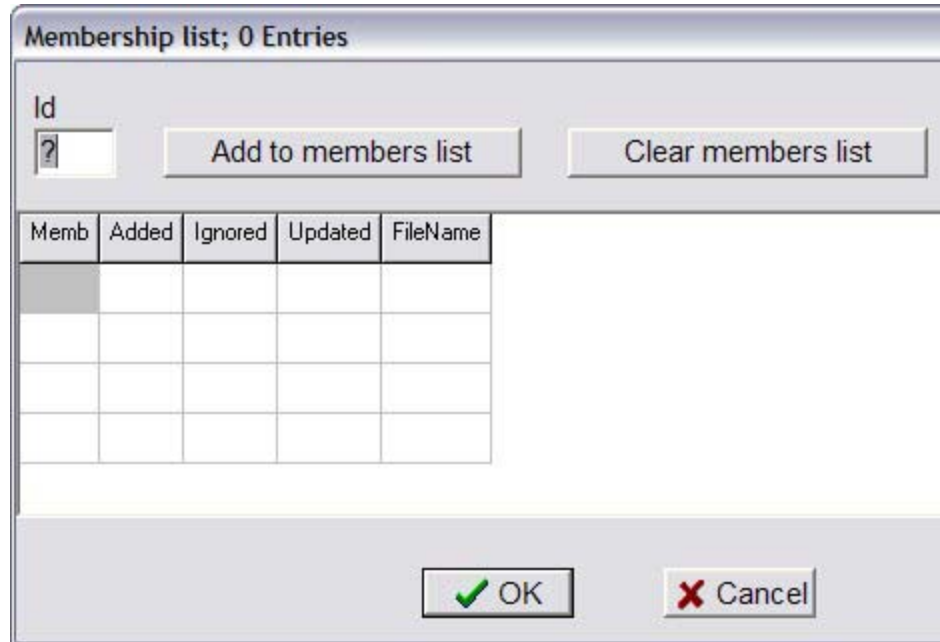
DX spots [DXCC] sorted by Time						
P	Freq	Callsign	Memb	Time	QSX	Remarks
8	7,008.4	9J2FM		20:37		59 TAKE
8	7,040.0	HB9VELO				ty
8	3,509.0	UR5IBV/P				026
8	14,207.0	IZ0PED				
8	7,052.0	YU1XA				ng -
8	10,104.7	ES3AX				
8	28,230.5	HP6RCP/B				
8	7,043.3	ON4ABL				ty
8	14,071.4	PP5/OE9AI				1
8	3,526.5	SN2009W				call
8	18,072.0	TM2NN				vent
8	14,002.3	5N/LZ1QK				
8	21,222.0	9Z4CT				om Ma
8	14,242.5	IZ6GSQ				
9	14,200.0	K3LP				9, ci
8	14,165.0	RA6CA				
9	7,067.0	8S8RBB/M				leshi
8	14,244.0	PF16SDT				wp4
8	10,116.0	SN2009W				
9	18,073.0	ZP6CW				
8	7,014.5	FP/G3ZAY		20:42	7015.5	martin, up
8	14,260.0	FP/M0TDG		20:42		
8	18,133.0	WP3GW	EL	20:42		55

- Delete Ctrl+D
- Grab spot and set radio Enter
- Grab spot only Alt+Enter
- Show spot info in QSO Window Ctrl+Q
- Add to Callsign Alert
- Return to last Freq Ctrl+Enter
- Listen Ctrl+L
- Monitor Ctrl+M
- Sort
- Toggle holding Ins
- View announcements

- DXCC colors
- WAZ colors
- WPX colors

- Cancel spot announcements Esc
- Clear All Spots
- Delete old spots (120 mins)
- Write spots to File
- Membership list**
- Band Map

An empty Membership list will show a window like this:



These steps will create the Logbook of the World (LoTW) membership list:

5. Download the LoTW list by following the link [above](#). Remember where you saved it!
6. Type the letter 'L' into the "Id" field in the Membership list window. This will be used to identify callsigns that are in the LoTW list.
7. Click on the "Add to members list" button. You'll get a Windows file browser. Navigate to the location of the lotw1.txt file you downloaded and click on Open.
8. The Membership list window will now look like:

Membership list; 29520 Entries

Id
L

Memb	Added	Ignored	Updated	FileName
L	29520	0	0	C:\lotw1.txt

If you want to add a second list (i.e. eQSL), follow the same steps #1-4 above. You can repeat this up to a total of four times (four lists). In the following screen, eQSL has been added:

Membership list; 54012 Entries

Id
E

Memb	Added	Ignored	Updated	FileName
L	29520	0	0	C:\lotw1.txt
E	24492	0	12339	C:\AGMemberList.txt

Note the Updated column. DX4WIN stores each callsign in the database only once. Thus, if a call appeared in the LoTW list, and was also found in the eQSL list, that member is considered to be "updated" rather than "added". So the total of eQSL members is 36831 (24492 +

12339).

When you are done adding members, click on the "OK" button, then DX4WIN will write the DX4WIN.MAS2 file to your DX4W80x directory.

Updating the Members Database

Updating the Members database is similar to creating one. The only difference is that records are added to an existing list, but never removed.

Remember to use the correct Id letter. Otherwise, you could update the eQSL list with LoTW callsigns.

Here is an example showing an existing Member database updated with the latest eQSL data:

Membership list; 53987 Entries

Id:

Memb	Added	Ignored	Updated	FileName
E	175	36629	27	C:\AGMemberList.txt

Pay attention to the columns. In the example above, 175 new callsigns were added (that were not found in any other membership list). 27 callsigns were modified, meaning they were found in another membership list, but not the eQSL list.