HAM OFFICE

.my logbook

User Guide

Station logbook
World atlas with zoom
Statistics, DXCC Award
Satellite module
DX alarm
lots of extras

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1 HAM OFFICE

HAM OFFICE is a professional program for entering and evaluating logbook data. It is based on the experience of years of logbook programming and many hints, requests and criticisms from radio amateurs.

HAM OFFICE basically offers all the important functions that are necessary for a thorough and appealing input of QSO data and logbook analysis. Help functions support every single step from the first start of the program. Using the extensive import functions, HAM OFFICE can import data from almost any logbook program.

A big advantage of HAM OFFICE is the regular data updates on the Internet. These are a service offered for the program, but they are not part of the program. They are free and not included in the program price.

HAM OFFICE is constantly being developed and improved. Questions about the program, suggestions and hints as well as assistance with the operation of the program are guaranteed via the telephone and e-mail hotline, which is also offered free of charge, but is not part of the program and the purchase price.

The main functions of this program are listed below:

- Entering and changing the QSO data in an input window with lots of additional information
- Evaluations of the most important logbook data in list form, tables, bar charts and on maps
- Import of QSO data from all other logbook programs via import filter and ADIF
- Data export: ADIF, CSV, STF, text files
- Printout of all important lists
- automatic generation o.htmL files
- latest prefix cross reference
- Search the log according to various criteria
- Award evaluations
- Zoomable world maps with political, physical and neutral view, globe
- in the maps gradicule and locator grid, CQ and ITU zones, DXCC, country, prefix search, DXCC information, position flag, call sign search
- DX cluster module for TNC and Telnet
- SAT module with SAT list and satellite tracking
- UHF contest, many more contests
- professional QSL printing on labels or cards
- Access to Callbook and Internet databases (BNetzA, QRZ.COM, eQSL, LotW, HO-OnlineLog)
- CAT, GPS and Rotor, CW keyer interfaces

1.1 Program structure and versions

Basically, HAM Office consists of different modules for the input and evaluation of logbook data, for graphic representation on vector maps, for printing QSL labels

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as well as additional functions such as satellite tracking, award evaluation and interfaces to Internet databases. The cent

HAM OFFICE Internet

This version is a time-limited version whose functionality is limited. The latest version can be regularly downloaded from the Internet.

1.2 Software service, hotline and orders

HAM OFFICE is a product of ARCOMM GmbH , which also runs the AFU label and QSL card printing program HAM Label , the map program HAM Atlas, the evaluation module HAM Diploma and the AFU lexicon HAM abc , as well as a service-hotline for for these programs.

HAM OFFICE is constantly being developed and improved and expanded according to user suggestions. There are also updates to the program at regular intervals, which can be obtained both from the Internet at www.hamoffice.de and on CD.

Hotline and update service are also offered free of charge and are not part of the program or the purchase price.

Anyone who has questions about the program, reviews, opinions or suggestions for improvement, or who wants to order the program, can contact the following numbers and addresses:

info@hamoffice.de (email hotline)

ARcomm GmbH, Groß-Berliner Damm 73 E, D-12487 Berlin

or simply:

www.hamoffice.de

1.3 Prices, order and registration

Prices

The prices of HAM Office and additional modules can be viewed on the website www.hamoffice.de.

Usually HAM Office can be downloaded from the homepage and after ordering the program, the hotline will send you a registration key to activate the program. If the complete program is sent on CD, a flat fee is charged for CD creation and shipping.

Order

HAM Office can be ordered directly from ARCOMM via one of the hotline numbers or in writing or via the online shop on the Internet. Usually, HAM Office can be downloaded from the homepage and after ordering the program, the hotline will

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send you a registration key to activate the program. If the program is to be sent on CD, please indicate this when ordering.
The invoice will be sent by post or online. If an order is accompanied by cash, this will of course also be recognized, but at your own risk. Payment is not made by cash on delivery and not by direct debit. We would like to point out that any transfer costs will be at your expense.

Registration

A registration key will be sent to the buyer with the program, which is unique for each program sold. This registration, together with the invoice, is your proof of purchase and should be kept in a safe place. For later updates or problem solutions via the hotline, only registered users will be recognized..

1.4 HAM Office on the Internet

The latest version of HAM Office can be found on the Internet at www.hamoffice.de as a free download demo file. This is the standard version of the program. It does not require registration and is not under the license terms of the program. HAM Office Internet only contains limited functions of the program.

A big advantage of HAM Office is the regular data updates on the Internet, which usually guarantee a database that is more up-to-date than that of other newly acquired programs. p>

These periodic data updates are a service offered for the program, but they are not part of the program. They are free and not included in the program price.

The address on the Internet is: www.hamoffice.de .

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2 HAM OFFICE is so easy to use

2.1 start window

2.1.1 Description

The start window is the main window of the program. From here you can switch to any program function. If function windows open over the entire screen, they always have a switch that leads back to the start window.

2.1.2 Details

The program is mainly operated via the main menu , which is located on the upper side of the screen. For some of the menu items a submenu opens, which offers further options.
On the start page there is a representation of the terrestrial globe with the current location highlighted. This location can be changed in < Tools - Program Options - General - Propr. Locator >. The globe has the light-shadow border that is current at the start of the program. About < Extras – Program options - more > you can set that this grayline is recalculated regularly and updated during the program run. There you can also determine whether the globe should not be displayed.

The time information in the title bar and on the start page (UTC and local time) can be adjusted via the settings in < Extras - Program options - general >.
There you can also specify whether the name of the current logbook is displayed on the start page . If several logbooks are kept in the program, you can change the logbook with the white arrow switch next to the logbook name.
The photos on the start page change daily. Owners of the program who have taken their own photo of regions of the world are welcome to send them to the hotline for inclusion in the program. The owner is named below the photo if he so wishes. About < Extras – Program options - general > you can assign your own start screen. Alternatively, you can also specify an image folder there. In this case the program would get the daily changing pictures from this folder.

The quick start bar on the left can be used to access the main functions with a mouse click. Via < Extras – Program options - more > you can remove this switch from the start page. There you can also set that the quick launch bar is only displayed on the start page and not also on the subpages.
The program welcomes its users to the home screen. With < Extras – Program options – personal data > you can change the displayed greeting name.

2.2 Change the window size of the program, 2 and more monitors

By default, the program uses the entire screen for display. You can also set this size yourself. To do this, click on the small switch at the very top right next to the cross to close the window and set the desired window size. All other windows

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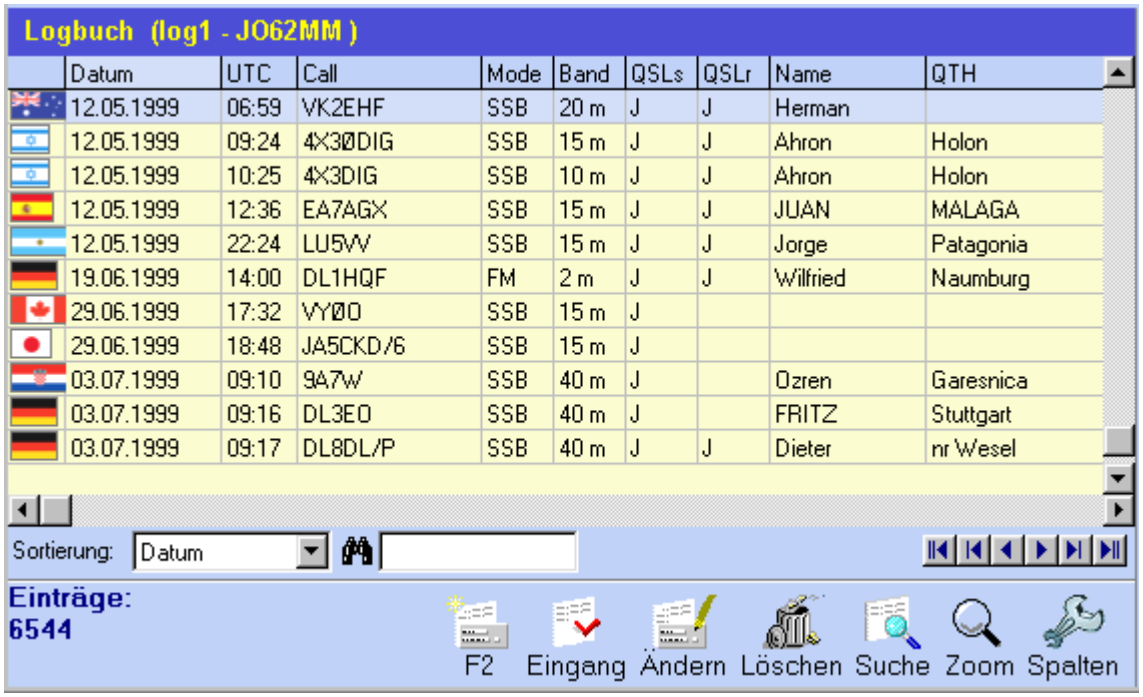
of the program are based on this setting, which is saved when the program is closed and is automatically restored the next time it is started.

The entire program or parts of the program can be executed on other screens. In this case, too, the program remembers the position.
If you are in the QSO input window, you can open individual function windows separately on a second monitor or additional monitors. In the case of the DXCluster, this second window can remain permanently open on another monitor even after the QSO input window has been closed.



2.3 How to use, search and sort all lists

List header and column width

Below the title line of the list is the list header with the names of the data fields. If you move the mouse over the dividing line between two fields, the appearance of the mouse cursor changes. After pressing the left mouse button, you can change the column width by dragging with the mouse button pressed.
Lines and highlight bars

The data are arranged in rows. A colored bar shows the current row. You can move this bar with the arrow keys. The row over which the mouse is currently located is also highlighted in color. If several rows have been marked, then all of these lines are highlighted in color.

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Sorting

There is a selection list below the data list. If you click on the small black triangle on the right, the list will expand and you can choose a different sorting of the data fields.

The sorting can also be changed by clicking on the column heading with the mouse. Not all columns are clickable. You can recognize this by the fact that the mouse pointer changes to a hand symbol when it is over a column heading. If a column is selected, the heading is shown on a slightly lightened background.

Quick search

Next to the magnifying glass symbol there is an input field that can be used to quickly access certain data records. Depending on the set sorting, the highlighting bar jumps to the data record you are looking for with each entry of a new letter. So in order to get to a certain callsign in the QSO list, you first set the sorting to " Call " and then enters the first few letters of the call.

In addition to this input field, there is a checkbox with the designation "Line" in some lists. If this checkbox is checked, the bar only moves to the first entry found. However, if you remove the check mark, the list shows all entries found. “ D “ would e.g. show DL1ABC in the list as well as DL2ABC and DM1ABC. At “ DL “ only DL1ABC and DL2ABC would be displayed. “ DL2 “ finally only shows DL2ABC and all other entries that begin with DL2. This type of search is much faster, which is why the checkmark is not set by default. For reasons of habit for previous owners of HAM Office 4 or 5, however, you can use the old slower function via < Extras – Program options – Animation & Performance > switch on permanently.

Navigator

There are several navigation buttons at the bottom right of the data list. The meanings are:

|| < top of list
| < one screen page up
< one row up
> one row down
> | one screen page down
> || End of list

These navigation buttons should be preferred to the imprecise scroll bar on the right edge of a list.

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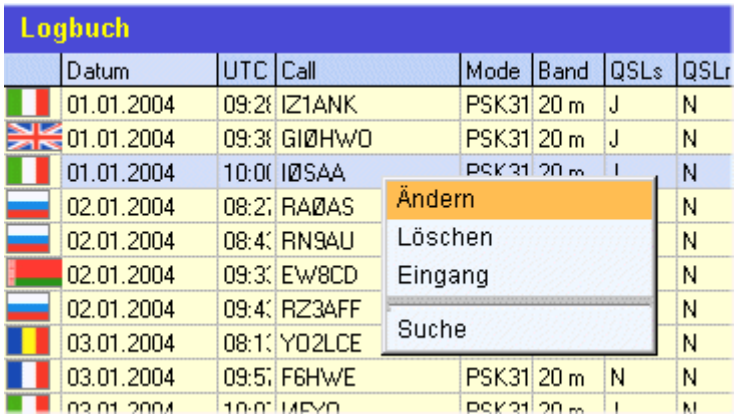
Popup-Menu



For the essential functions in a list you can call up a popup menu with the right mouse button. The functions shown in the menu are different in each list. This function is not available in every list.

Direct entry

Below the lists, to the left of the navigation switches mentioned, there is a small switch that represents a sheet of paper and a green pen. Direct input can be switched on using this small switch. The current row in the list then no longer appears with a blue bar, but red and pink fields. Fields marked in light pink can now be changed directly by clicking on them with the mouse and changing or deleting the text. Red fields are blocked. The renewed actuation of the small switch bee nd the direct entry. Warning: When entering data directly, the program does not check the field content and does not automatically convert letters. Incorrect entries can then lead to program errors.

buttons

Below the data list there are more depending on the list Buttons that trigger certain functions.

View

There is a "View" button below various lists. This switch can be used to change the display of the data fields depending on the list:

List: Brief description of the essential data fields. Several data fields are displayed in one row.

Details: Only one data record is shown in one row. This display shows most of the information about the data set.

Thumbnail view: The data sets are displayed graphically, e.g. as a map section or as a photo. The type of display depends on the data records.

Selection of data sets, mark several rows

Basically, a single data record is selected by a mouse click or the highlight bar is moved to this data record with the keyboard.

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Different lists allow operations with several data sets. To select these data sets, click with the left mouse button in the list and drag the mouse over the desired data sets while holding down the left mouse button. All selected records are now highlighted in color. There are also other choices:

- Mouse click in the first row to be selected. Then, while holding down the Shift key (capital letter key), use the up / down arrow keys to mark the data records.

- Mouse click in the first row to be selected. Then hold down the Shift key (capital letter key) and click on the last row to be selected. All data records between these rows and the two rows themselves are marked.

- Hold down the Ctrl key and click on each data record to be selected. If you click on the same data record again, the marking is removed again.

If different data records are marked and you click with the left mouse button on an unmarked data record, the markings of all data records are removed

Functions for multiple data sets

Different lists allow operations with several data sets. After you have marked several data records as described above, only those switches remain active in the switch bar that now allow a certain function. For example, you can drag the selected data records with the left mouse button onto the "Delete" button or you can press the button directly. Special functions with several data records are described in the help for the corresponding list.

2.4 Keep one or more logbooks

When the program is started for the first time, an empty logbook is automatically created. All entries and evaluations refer to this logbook.
Via the menu item < Logbook - List of logbooks > you have the option of creating additional logbooks. You can also create new logs when importing logs from other programs. With the function < Activate > in the mentioned list or via the menu item < Logbook - Change logbook > you select a logbook other than the currently active one as the standard logbook. In this case, all input and evaluation functions access this logbook.

The list of logs is described in more detail below in the help file.

2.4.1 It's that easy to create a new log

From the start page, call up the menu item < Logbook – List of logs > and presses the “ New “ switch below. Then you enter a name for this log and save it. The new logbook is now ready for the QSO entry.

2.4.2 It's that easy to change the logbook

If you use several logbooks, you can click on the white arrow below the time directly on the start page. A selection list opens. As soon as you have clicked on a log, it is ready for the QSO entry.

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2.5 Read QSOs from text files, the Internet and other programs

Via the main menu < Logbook - Import > the import assistant can be reached.

You call these functions whenever you want to read a log file from another program into your progarm.
The following file types are automatically recognized and can be read in:

- ADIF files (can be created by almost all modern logbook programs)
- DBF files (dBase 2,3,4)
- ASCII files with variable data record length and field separators
- ASCII files with fixed data record length
- Certain log files that differ from this, but are available in the internal search list.

The data import is described in more detail below in the help file.

2.5.1 It's that to import QSOs

The menu item < Logbook – Import > on. The import wizard queries every single step and also makes various presettings. You only have to indicate where the file to be imported is located.

2.6 Enter new QSOs or change existing entries

Via the main menu item < QSO > you get to the QSO input window, in which you can add new QSOs or change existing QSOs.

The QSO input window contains an input mask for the QSO input with extensive functionality. If the QSO input window is called from the other function, it is switched back to it when it is closed. The QSO input window is designed so that the most important functions for QSO input can also be operated without a mouse.
The following functions are available in the QSO input window:

- Entering and changing the data of a QSO
- List of all QSOs according to various sorting criteria
- Graphic location display on the world map
- Statistical overviews
- DX cluster tracking
- SAT tracking
- Callbook access
- Access to other databases such as Area, IOTA, QSL-Manager, US states and US counties
- View and enter notes on the QSO or the callsign
- Web browser with further information about the QSO from internet databases
- Access to device interfaces (CAT, GPS, Rotor, CW-Keyer)

These functions are described in more detail in the help file below.

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2.6.1 It's that easy to enter new QSOs

You press the < QSO > switch on the top left of the start page. The QSO input window opens. The cursor is already in the top left of the call input field. Here you enter the callsign, then in the input fields below and next to it the QSO time, the frequency and the operating mode of the QSO. Then save the QSO with the < F10 > key. It appears in the list below the QSO input mask. Everything above is now empty again and you can enter another new QSO.

2.6.2 It's that easy to change a QSO

You press the < QSO > switch on the top left of the start page. The QSO input window opens. At the bottom left the window contains a list of all QSOs. You double-click with the mouse on the list row in which the QSO to be changed is located. The input fields above are immediately filled with this QSO. Now change one or more values and press the < F10 > key to save. At the top everything is empty again and you can enter a new QSO or change another QSO.

2.7 Evaluate the logbook, count DXCCs

A core of the program are the extensive, graphically designed functions for evaluating the logbook data. The statistics can be kept for DXCC, WAE, continent, IOTA, ITU and CQ zones, locators, US states, US counties, Area, club and the L1-L10 additional fields. All statistics can be called up directly from the main menu, some also from the logbook view.

If you call up the statistics from the main menu, the first tab is the “Tasks” tab, which provides certain statistical functions without having to switch to the corresponding window.

2.7.1 It's that to find out how much DXCC you already have

Press the button < Statistics > on the left of the start page. Then select the entry “ DXCC “ in the list that now appears on the left. An overview window will open in which you simply press the button < Count >. If you want to know which DXCC you have already worked, click on the “ Standard List “ tab above. On the left side of the new window all DXCCs that have been worked are displayed. The numbers next to it indicate how often you have worked the DXCC and whether you have already received a QSL confirmation.

2.7.2 graphic statistics

The following options for graphical evaluation of the logbook data are available:

Diagrams

Call up the corresponding menu item for the desired type of statistics. In the main statistics window that opens, click the button for < Diagram > at the bottom right. A bar chart is then displayed. Each bar corresponds to the number of

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statistics entries on a band, in a mode or in a certain period of time. The number of worked and confirmed QSOs is displayed in different colors.

maps

Call up the corresponding menu item for the desired type of statistics. In the main window of the statistics that opens, you can set for which band and which modes the display on the map should take place. Then click the < Map > button there. The statistics are now searched and the statistics entries appear on the map. On this, in turn, worked and confirmed QSOs are differentiated in color. The map function is available in the DXCC, WAE, US state and locator statistics.

Tables

Tables can be called up directly from the logbook as well as from the standard list. They show on which band and mode there are worked or confirmed QSOs for a specific statistical entry. Different colored squares indicate that a confirmed or worked QSO and which type of confirmation (QSL map, EQSL, LOTW) is present in the corresponding band / mode combination. The < Options > button can be used to set which bands and modes are to be displayed.

2.7.3 Statistics lists

The program offers 3 types of reports in list form.

Standard lists

Call up the corresponding menu item for the desired statistic type. In the main statistics window that opens, click the button for < Standard > at the bottom right. A list is then displayed which contains all the processed statistics entries with the number of worked and confirmed QSOs. With the button < Table > the current statistics entry is split according to band and mode. The same happens via the button < current ... > but here in list form. All lists are printable.

Extended lists

Call up the corresponding menu item for the desired type of statistics. In the main statistics window that opens, click the button for < Advanced > at the bottom right. Before you can start an evaluation now, you have to determine how the evaluation should be designed. All lists are printable.

Matrix

This form of tables and lists gives a quick overview of the number of worked or confirmed areas or DXCC.

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2.7.4 further evaluations

Overview

This function can be called up directly from the main menu. In the upper part of the window you can specify the bands and modes for which the evaluation should be carried out. The statistics entries are now counted. The number of statistical entries for which a confirmed QSO is available is shown separately.
Count

Call up the corresponding menu item for the desired type of statistics. In the main statistic window that opens, you can set at the top for which band and which modes the entries are to be counted. Then press the < Count > button there. The statistics entries are then counted. The number of statistical entries for which a confirmed QSO is available is shown separately.

Print

Call up the corresponding menu item for the desired type of statistics. In the main statistic window that opens, you can set at the top for which band and which modes the entries are to be counted. Then click the < Print > button there. The statistics entries are now printed out. The statistical entries for which a confirmed QSO is available are marked with a final (c).

LogCheck

This function is also suitable for evaluations. You can specify which QSO should be listed in which areas. The list of results can be printed out.

Award evaluations

With the help of the additional award module, extensive evaluations can be carried out with the aim of determining which awards can be achieved..

2.8 Show QSOs and locations on maps

The map functions combine the political and physical representation of the earth, continents and countries with information specific to amateur radio. Thanks to vector-oriented graphics, the maps and graphics can be adapted to any screen resolution and can be zoomed in detail.
The maps can be called up via the main menu item < Maps > or from the QSO input window. Further map functions can be found in the satellite and cluster modules. All map functions are described in detail in the help below.

2.8.1 It's that easy to see where the station you're listening to is

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Press the < QSO > switch on the left of the start page. Then you enter the call sign of the station in the upper left corner of the call input field. If you have also found out the locator of the remote station, you can enter this in the locator input field.
Then the < F3 > switch is operated. A map immediately appears on which the location of the station you are listening to is highlighted.

2.9 Track satellites on the map

The satellite module is mainly intended to offer the possibility of graphically tracking individual or multiple satellites, displaying their most important orbital data and thus creating the prerequisite for going via satellite during log book operation. This information should be sufficient for beginners and less demanding SAT radio operators.
The satellite module can be called up via the main menu item < Satellites > or from the QSO input window.

Basically, the module offers the following options:

- Satellite list showing the most important orbit data
- Import of Kepler data directly from the Internet
- Graphical tracking of single or multiple satellites on a large world map, but also on a small world map directly in the QSO input window during QSO operation
- Change from the small SAT window in the QSO input window to the large SAT world map and back
- Selection of satellites for display manually and automatically according to visibility in a certain period of time

All satellite functions are described in detail below in the help.

2.10 DX Cluster - display and use information

The DX cluster module from HAM OFFICE can be used if the computer is connected to a TNC via the serial interface or to the Internet. This module offers the possibility of listening to DX cluster messages from the packet when you are connected as well as when you are not connected. All functions are mainly aimed at recording and evaluating these messages in connection with a logbook program. You can also send messages yourself.

The DX cluster module can be called up via the main menu item < DX Cluster > or from the QSO input window.

The following functions are available:

- notes all incoming information, even if you are not connected
- different windows for monitor, TX, alarm, ANN / Talk / WWV as well as for incoming DX messages
- Possibility of setting which DX messages are to be recorded

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- Setting option for which messages should be signaled acoustically or visually
- Storage of messages in databases
- Connection to the statistics and DXCC award module from HAM OFFICE
- The DX cluster module can also be active during the QSO entry. You can transfer the QSO information displayed there into the QSO input mask with a mouse click and automatically set the transceiver to the reported frequency.

All DX Cluster functions are described in detail in the help below.

2.10.1 It's that easy to use the DX Cluster

Press the button < DX-Cluster > on the left of the start page. The program immediately calls up the entries from the HAM OFFICE cloud on the Internet and displays them in the list. If you also want to display the entries from another Internet DX cluster, you can use the < Setup > specify the address of this cluster.

2.11 Print QSL labels or cards

With HAM OFFICE you can print QSL to labels and cards. After installing the program, you set up a template that will later be printed on a label or card. This template contains texts and placeholders for the QSO data. The template can then be printed out while entering the QSO. But you can also wait until you have several labels or cards to print. Then several QSOs can be selected and printed out at once.
There are different ways. A switch in the left quick start bar of the main window takes you directly to QSL printing. Likewise via the menu item < Extras – QSL templates >. But you can also use the LogCheck function, select here which QSOs should be displayed in the result list and then start QSL printing for them. Another possibility is the QSL switch at the top directly in the QSO input window. If you press this, the program asks whether the currently entered QSO or all QSOs of the day should be printed.

The additional program HAM LABEL offers much more comfortable functions for the design and a number of different publishers, so that the QSL card can be created as easily as possible.

2.11.1 It's that easy to set up QSL printing.

After calling < Extras – QSL templates > you get to a new window. There you will find the menu item “ Create a new template “. A wizard window opens, in which you first give the template a name, then choose whether it should be printed on a label or a card. Finally, you start the template editor, which suggests a few templates. If you accept one of the templates, you are already done. You can refine the whole thing later.

2.11.2 It's that easy to do the QSL printing at the end of the month

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You call < Extras – QSL label > up and there < select data to print >. In the list that now appears, you can use the data selection button on the left to specify the QSOs to be printed. E.g. you select all QSOs to which you have given a Y in the QSLs field and which come from the current month. Then you accept these selected QSOs with < OK > in the print window and press the button < Print >.

2.12 HAM OFFICE and the Internet

HAM OFFICE is able to access internet databases in order to obtain information on unknown stations. Various other functions also use the Internet. Despite these features, HAM OFFICE also runs completely independently of the Internet. An internet connection is therefore not necessary. All Internet functions listed below are described in the help and can be switched on and off individually. HAM OFFICE does not collect any information for disclosure to third parties and does not collect any personal user data that has not been expressly sent by the user.

The following functions are available:

During the entry of a QSO, data for the remote station can be received and entered automatically. The Federal Network Agency, QRZ.com and the HAM OFFICE Cloud are supported in the delivery state. Other internet databases can also be queried.
(Menu < Extras – Program Options – Callbook & Internet – Settings >)
Online updates can be downloaded from the Internet. These not only affect new or corrected program functions, but also updated data.
(Menu < Extras - OnlineUpdate >)
You can save the QSOs in an internet database and publish them. This online log can also be used to enter QSOs directly on the Internet or to retrieve QSOs from there into the program. This then works like a data backup.
(Menu < Extras – OnlineLog >)
DXCluster functions access external DXCluster entries or the HAM OFFICE cloud.
(see in the help “ DX Cluster “)
The HAM OFFICE Cloud provides the QSOs of the user online logs anonymously, so that HAM OFFICE owners can access the latest station data and can see immediately where there are good spreading conditions or which rare stations are currently being worked.
In the satellite module, the satellite data can be read into the program directly from the AMSAT website. This is done automatically by default.
When connected to HAM Atlas, HAM OFFICE can access internet maps and display the station location there.
You can simply send QSOs to LotW, eQSL and other websites, pick up QSOs from there or compare the data with each other.
You can store the program data in a cloud and access it from different locations and computers.
Other functions use the Internet for information on DXCC and other data.

2.12.1 It's that easy to access qrz.com

Via < Extras – Program options – Callbook & Internet Settings > tick the column “ Determine name and QTH “ in the line of qrz.com. as well as in the “ Show web browser “ column. Then enter your own login data for qrz.com in this window.

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In the QSO input window, after entering a call, a name and a QTH are automatically entered in the corresponding fields. If these values are not known to the program, it will get them directly from qrz.com.
If you click in the QSO input window on < Options – Window layout >, then you can add a small web browser window here. Then, after entering a call, the entire qrz.com entry is displayed in this additional window.

2.12.2 Send QSOs quickly to EQSL or LotW

The menu items < Logbook - EQSL > and <Logbook - LotW > or <Logbook - OnlineLOg,eQSL,LotW,etc >. Here you can upload QSOs or compare them with the HAM OFFICE logbook.

2.13 Access TRX and other external devices

With HAM OFFICE you can access your TRX directly. Some functions also require a hardware interface between PC and TRX. A rotor or a GPS device can also be addressed. A connection from HAM OFFICE to these devices is not necessary for QSO operation, but they make QSO operation easier.

The following functions are available:

- The CAT interface enables you to read out the frequency and operating mode from the TRX and enter them into the program. If you double-click on a DXCluster entry, not only are the data transferred from there to the current QSO, but the frequency and the operating mode are automatically set on the TRX.
- (Menu < Extras - Program Options - CAT Interface >)
- The current position can be queried via a GPS device and automatically read into the program. This is particularly interesting when you are on the move.
- (Menu < Extras - Program Options - GPS Interface >)
- HAM OFFICE can read out the current position of the rotor and move the rotor to a specific position. This can happen directly during the QSO operation.
- (Menu < Extras - Program Options - Rotor Interface >)
- During the QSO operation you can send Morse code via HAM OFFICE and connected TRX. Various connections to transceivers or WinKeyer interfaces are available for these CW keyer functions.
- (Menu < Extras - Program Options - CW Keyer Interface >)

2.13.1 It's that easy to display the frequency of the TRX

With < Extras - Program options – CAT interface > specify the manufacturer of the TRX and the COM port via which the TRX is connected to the PC via serial interface or USB.
In the QSO input window you can now press a small "CAT" button next to the waving flag. The frequency and mode of the TRX are immediately displayed in the corresponding fields.
In the program options you can specify whether the TRX should be queried regularly at a time interval.

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2.13.2 It's that easy to use CW keyer

With < Extras - Program options – CW keyer interface > you specify how the Morse code should be sent via TRX. If you already have a CW keyer interface between PC and TRX, you can set it here. If you don't have one, you can also use the CAT interface for CW transmission on some TRXs. Then the corresponding option must be set here.
In the QSO input window you can now press a small "CW" button next to the waving flag. A bar with the representation of the keyboard's F-keys will appear at the top of this window. If you press this, fixed texts are sent as CW.

2.14 External digital programs and HAM OFFICE

HAM OFFICE can directly access the log files of digital programs.
If you save a QSO in the digital program, it is immediately transferred to the HAM OFFICE QSO list. Via < Extras - Program Options - External Logs > you can specify which log files should be monitored.

A direct connection to the WSJT-X program can also be established. The incoming CQ messages are then displayed in the DX alarm window of HAM OFFICE and alarmed depending on the alarm setting. So you know immediately whether you want to log the QSO in the WSJT-X program for your score or not.

2.15 “tune“ HAM OFFICE: MASTEREDITION

Various additional programs are offered for the logbook program HAM OFFICE, which offer relief, more comfort or completely new functions at various points. These additional programs can be purchased together with HAM OFFICE as the HAM OFFICE MasterEdition or purchased separately. A subsequent expansion of HAM OFFICE to HAM OFFICE MasterEdition is also possible. The advantage of the MasterEdition is that it contains HAM OFFICE and all additional programs, but is much cheaper than the sum of the individual programs.

2.15.1 Create QSL cards more easily with HAM LABEL

HAM LABEL extends HAM OFFICE with more comfortable template creation for labels and QSL cards, an extended template library, images and symbols, creation of QSL images for email dispatch and much more .. HAM LABEL is installed as an independent program and can also be used independently. It can also be used for other logbook programs.
The integration of HAM LABEL into the HAM OFFICE takes place via the menu item < Extras – Program options – HAM label >. Then HAM OFFICE replaces its own QSL functions with HAM LABEL functions, so that HAM LABEL itself no longer necessarily has to be called.

2.15.2 Get more world information with HAM ATLAS

HAM ATLAS expands HAM OFFICE with extended map displays, access to Internet maps, statistical evaluations on maps, QSL card management and much more .. HAM ATLAS is installed as an independent program and can also be used independently. It can also be used for other logbook programs.

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The integration of HAM ATLAS into the HAM OFFICE takes place via the menu item < Extras – Program options – HAM Atlas >. Then HAM OFFICE replaces its own map functions with HAM ATLAS functions, so that HAM ATLAS itself no longer necessarily has to be called.

2.15.3 Comprehensive award evaluations with HAM DIPLOM

Additional module for the logbook program HAM OFFICE with a variety of features for creating arbitrary award filters and for finding and listing all QSOs that can be evaluated for the respective award. This additional module is not available as an independent program, but is activated in HAM OFFICE itself using a special registration key. Via < LogCheck- Awards / Filter / Evaluations > you can reach the award functions, which are described in detail in the help file.

2.15.4 HAM OFFICE app

Manage QSOs whenever and wherever you want. With our app you have your logbook under control - and in your pocket. Whether on the go or at home, with the mobile services you are always up-to-date and flexible. The HAM OFFICE app for tablet PC and smartphone offers many functions for entering QSOs, evaluations in lists, diagrams and maps and many useful extras. The mobile APP for Android and iOS offers not only the possibility of entering QSOs, but also many interesting evaluations and additional functions. For example, you can take a photo immediately after the QSO and send it together with the QSO data. The second monitor function allows the alarm window of the DXCluster to appear simultaneously on the smartphone or tablet. And those were only examples ... The app is described in detail in the help file.
Anyone who owns the MasterEdition Premium license has the great advantage of being able to use all these functions without restriction.

2.15.5 HAM Xpress

HAM Xpress is a small mobile logbook program for entering and forwarding QSOs for smartphones, tablets and Windows PCs.
Here, too, owners of the MasterEdition Premium license have the advantage of being able to use the program without restrictions in terms of time and functionality.

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