**General Features**

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## 1.0 GENERAL

LOGGER32 has been developed to be a highly user-configurable, general purpose amateur radio logbook with computer control support for many radios and antenna rotators. It is **NOT** a contesting log, although there is no real reason why it could not be used as such, and does not contain some features that might be found in software specifically designed for this activity. The functionality that it **DOES** provide includes:

* 1. Logger32 maintains [ADIF](#ADIF) compatibility at the current release level within the constraints of development lag between the [latest](./links%20and%20reflectors.htm" \l "links: adif) [ADIF](#ADIF) [release](./links%20and%20reflectors.htm" \l "links: adif) and Logger32 version release;
  2. [Logbook Page window](#_topic_LogbookPageWindow) and Previous QSOs windows that each have up to 47 columns, all user configurable, including [IOTA](#IOTA), grid squares, satellite names, Ten-Ten and other items;
  3. Many windows that contain columns displayed in user configurable order;
  4. A Worked/Confirmed window that can display information in multiple ways;  
     ;
  5. Multiple user-definable Logbook Entry window entry items;
  6. The capability to log more than ~~1.5M~~ 750K QSOs;
  7. Fully editable Country, County, and IOTA databases;
  8. The display of sunrise/sunset times, short path distance, long and short path beam headings, and local time for the distant station:
  9. Comprehensive statistics tables for awards and QSLs;  
     .
  10. Real time satellite tracking using Keplarian elements from a local file or collected from a [web site](#Link:_Keplerian_Elements);
  11. Grayline display on maps with selectable terminator;
  12. DX spot displays with input from multiple sources;
  13. User-definable worked/confirmed color schemes for incoming spots;
  14. Support for many radios including a debug window;
  15. User-selectable frequency display in [KHz](#KHz) or [MHz](#MHz) down to 1 [Hz](#Hz) resolution;
  16. User-selectable date and time formats;
  17. CDROM support;
  18. On-line support for the use of QRZ.com and GoList;
  19. A facility to synchronize your computer's clock to an atomic standard;
  20. Re-sizable windows and the capability to retrieve lost windows when screen resolution is modified;
  21. Support for multiple .INI files for different set-ups (normal, contest, etc.);
  22. Configurable fonts, including background, and foreground colors;
  23. Auto log-on scripts for telnet and cluster access;
  24. Definable telnet and cluster shortcuts and scripts;
  25. The capability to personalize your own bandplan;
  26. Prefix statistics available for up to 50 bands and 48 modes;
  27. A list of previously worked callsigns that automatically appears under the Callsign Entry edit box;
  28. User-definable column widths in many windows and tables;
  29. Support for a parallel port antenna selector that can operate automatically with your bandplan;
  30. Many windows that can be sorted on any visible column.
  31. The capability to output Log data in [ADIF](#ADIF), [UQF](#UQF), or [CSV](#CSV) formats;
  32. Support for both multiple user (One log for the family or Club station) and multiple logs (e.g. one for the main, one for contesting);
  33. User-selectable fields to copy data from previous QSO details to a new logbook entry;
  34. A Logbook percentage full indicator;
  35. A Grid Square Calculator;
  36. Support for Club Log, [eQSL](#eQSL) and Logbook of The World ([LoTW](#LoTW));
  37. Functional information buttons in the Logbook Entry Window;
  38. The capability to export QSOs flagged for QSLing;
  39. The highlighting of QSLs waiting to be sent in the log;
  40. The capability to send DX spots to a VHF cluster or Telnet;
  41. The Integration of [MMTTY](#MMTTY) and [MMVARI](#MMVARI) for digital operations, including three independent, simultaneous receive channels in PSK31 and a selectable waterfall or spectral signal display;
  42. Selectable colors for receive and transmit windows;
  43. Selectable frequency markers;
  44. Built-in macros for use with a selectable number of programmable "buttons";
  45. The capability to capture a callsign and name with a click;
  46. The capability to add QSO number;
  47. Programmable default [Rx](#Rx) (initial receive) frequencies;
  48. Independent [AFC](#AFC) and squelch settings for each [Rx](#Rx) window;
  49. Selectable waterfall and spectrum display characteristics (color, brightness, smoothing);
  50. An [IMD](#IMD) indication;
  51. A slash-zero display option;
  52. The capability to operate [RTTY](#RTTY) (including 23 [Hz](#Hz).) using the [MMTTY](#MMTTY) module;
  53. Calibrating the sound card timing;
  54. Operate split using audio tones or radio control;
  55. The capability to save operating parameters in [RTTY](#RTTY) mode in a "Profile";
  56. [SO2R](#SO2R) compatibility;
  57. A built-in CW keyer (but NO decoder) with programmable buttons and a limited range of macros (Winkey/WinKey2/Software mode);
  58. Support for automatic control of your antenna rotator;
  59. A contest serial number counter for up to 999,999 contacts;
  60. User-selectable highlighting of states for Worked, Confirmed, QSL Send, QSL awaiting printing and general editing;
  61. Single button compression and saving of backup log files;
  62. A built-in Digital Voice Keyer ([DVK](#DVK));
  63. A built-in Data Terminal with programmable buttons and a range of macros;
  64. A simple conversion utility (Deg. [C](#C) -> [F](#F). etc.);
  65. DX Cluster spots that can be displayed on a map;
  66. Selective filtering of DX spots;
  67. Synchronization of the log to download [LoTW](#LoTW) and/or [eQSL](#eQSL) records;
  68. Sending and receiving cluster "Announce" and "Talk" messages using a separate window;
  69. Support for HamCap - a propagation prediction tool written by VE3ENA;
  70. Support for a second [CAT](#CAT) controlled radio, Echo port and Slave port;
  71. Support for on-line Hamcall lookup.
  72. Support for JTDX/WSJT-X;
  73. Support for SteppIR VSC) and UltraBeam (VUC):
  74. Support for user-developed application usin external interface;
  75. Support for Multi-Language (Menu and warning message):

 With Logger32 the answer is probably "Yes." Now what is the question?