



KJL2000 LOGGER KVLCAD MANUAL

1. Introduction

1.1. Overview

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1.2. Hardware Requirements:

- ◇ 100% IBM compatible
- ◇ Windows 95 or higher
- ◇ One parallel port or more

1.3. Programming Kit Includes:

- ◇ Programmer unit
- ◇ Computer interface card (optional)
- ◇ Computer to programmer cable
- ◇ Programmer to radio cable
- ◇ Power supply 9-12v DC 0.6A (optional)
- ◇ Programmer software - KVPCAD

2. Getting Started

2.1. Hardware Installation

Before starting the hardware connection make sure that all the required components are present.

- a. Install the **computer interface card** in one of the available slots on your computer's motherboard
- b. Connect the **Computer Programmer Cable** to the interface card and to the **Programmer Unit** on the other side
- c. Plug **Power Supply** to an AC outlet
- d. Connect **Power Supply** to the power jack on the **Programmer Unit**.
- e. Connect **programmer Radio cable** to the radio
- f. Switch on the **Programmer Unit** and the radio

2.2. Software Installation

To install the logger software in the hard disk execute the **SETUP.EXE** and follow the instructions there.

3. Running the Logger Software

Please read this manual before running the logger software!!!



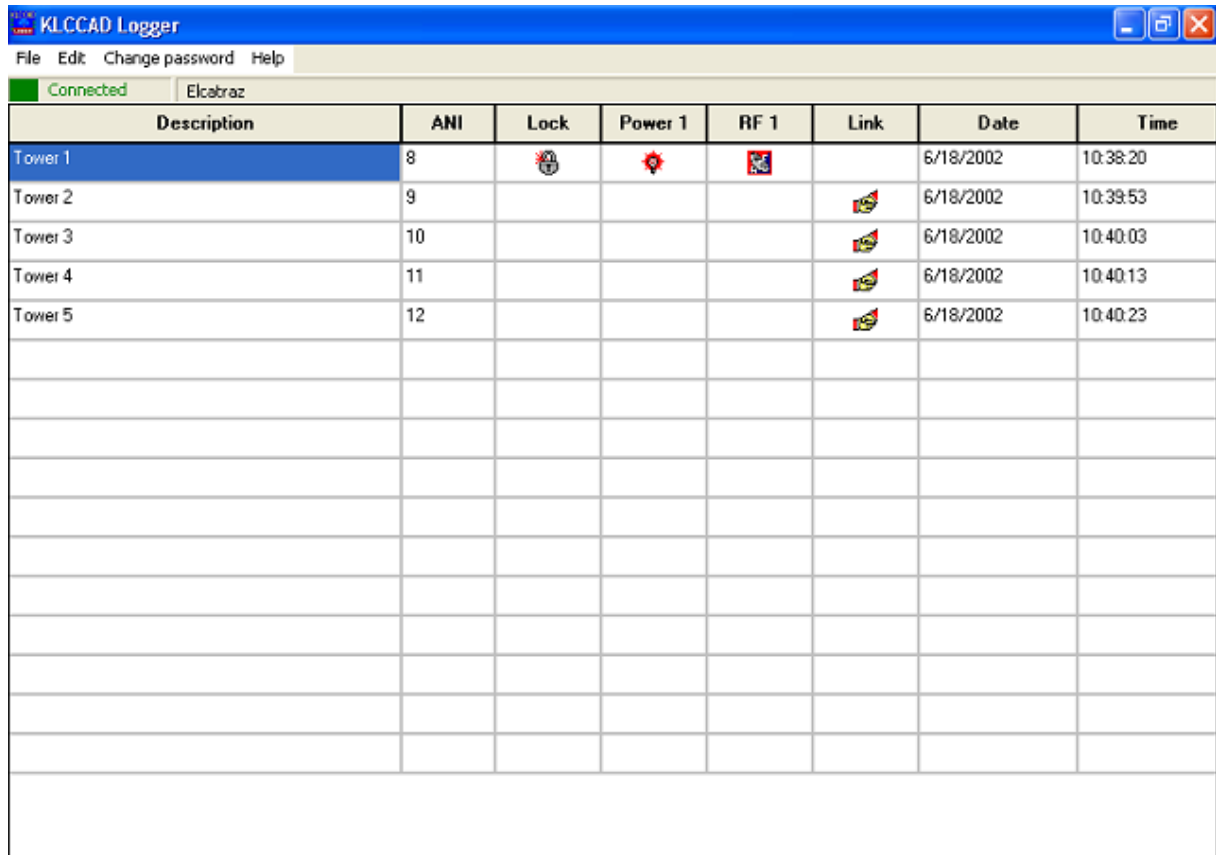
In the desktop click on the KLCCAD icon
An Initial password dialog is opened. Enter a user password at least.

3.1 Valid Keyboard Keys

Tab	Advance to next field
<Shift> Tab	Step back to previous field
Left/ Right Arrow	Move cursor within data field
Insert	Toggles between overwrite and insert mode
Backspace	Erase previous character
Delete	Erase current character
Home	Move to first location in data field
End	Move to last location in data field
F10	Opens the Pull Down Menu
<Alt> X	Exit program

3.2. The Logger Screen

The logger software has one main screen. This screen informs users about problems in each of the up to 16 jammers.



The screenshot shows the 'KLCCAD Logger' application window. The title bar includes the application name and standard window controls. The menu bar contains 'File', 'Edit', 'Change password', and 'Help'. Below the menu bar, there is a status bar with a green 'Connected' indicator and the name 'Elcabraz'. The main area is a table with the following columns: Description, ANI, Lock, Power 1, RF 1, Link, Date, and Time. The table contains five rows of data for Tower 1 through Tower 5, with Tower 1 highlighted in blue. Tower 1 shows a lock icon, a power icon, and an RF icon. Towers 2 through 5 show link icons.

Description	ANI	Lock	Power 1	RF 1	Link	Date	Time
Tower 1	8					6/18/2002	10:38:20
Tower 2	9					6/18/2002	10:39:53
Tower 3	10					6/18/2002	10:40:03
Tower 4	11					6/18/2002	10:40:13
Tower 5	12					6/18/2002	10:40:23

Figure 3-1 Main Screen

4. Main screen description

The following is a description of each of the main screen viewers (up to down):

Menu:

The menu provides access to the KLCCAD unique functions. See section 5 for details.

Status bar:

The status bar is divided to 2 sections:

The first section describes the connection status between the KLCCAD to the logger. It can be in one of the following 3 states: Connected, Disconnected or Connecting. Each state has a unique color.

The second section displays the prison name.

Table:



This table is the central part of the main screen. The table shows the most updated status of each monitored jammer as the KLCCAD software can simultaneously monitor up to 16 jammers.



For each jammer there exists the following indications:



Description – This is a free name which should describe the specific jammer.



ANI – This is a number which should be equal to the jammer identification number (which is determined by the jammer manufacturer), in order to ensure communication between the jammer and the KLCCAD.

Note: The Description and the ANI are determined in the config dialog. See section 5.1

Lock – Indicates that the KLCCAD detects a breaking attempt of a jammer panel. In this case the  appears. When the event completes the  appears and shortly after it, the table cell becomes blank again.

Power – Indicates that the KLCCAD detects a low power supplied to a jammer. In this case the  appears. When the event completes the  appears and shortly after it, the table cell becomes blank again.

RF – Indicates that the KLCCAD detects a state of no RF in the output of a jammer. In this case the  appears. When the event completes the  appears and shortly after it, the table cell becomes blank again.

Link – Indicates that the KLCCAD can't communicate with the jammer. In this case the  appears. When the event completes the  appears and shortly after it, the table cell becomes blank again.

Date – Indicates the last event date.

Time – Indicates the last event time.

5 The Pull Down Menu

The main screen provides a main menu with the unique KLCCAD functions.

File	Edit	Change password	Help
Export database	Configuration	User password	Logger help
Export database to mail	Logger port	Supervisor password	About
Import database	Siren timeout	Administrator password	
Import database from mail	Stop siren		
View database			
Exit			

Figure 5-1 pull down menu

5.1 The File menu

Export database - Use this option to transfer the jammers log information between any two dates for displaying the log information in other KLCCAD software. The local configuration is saved as well. The operator should indicate the log information dates and the export filename.
Access: Administrator.

Export database to mail - Use this option to transfer the jammers log information between any two dates for displaying the log information in other KLCCAD software. The local configuration is saved as well. The transfer is done to an email available to the KLCCAD operator. Fill in fields the mail server out domain or IP address, the user name, the sender mail and the destination mail. The user can also add a unique identifier so that the message source can be identified by the KLCCAD operator.
Access: Administrator.

Import database - Use this option to copy an exported file to the imports sub-directory. In this sub-directory this file can be easily accessed.
Access: Administrator.

Import database from mail - Select this option to save an email attached exported file to the imports sub-directory. In this sub-directory this file can be easily accessed. Enter your server name or IP address, and your user ID and password (you should enter these details only once), and then click on the Connect button. If you have appropriate mails, they will be displayed in the mail list area. To import one of the mails, you have to select it using your mouse and click on the Import button. After a successful import you will be asked whether to erase the mail.
Access: Administrator.

View database – This option leads to an opening of events log window. Every state change in each jammer is displayed in this window. Events like terminating the KLCCAD, executing the KLCCAD and passing the initial password, executing the KLCCAD without passing the initial password and changing the siren timeout are reported as well. This window has toolbar with the following tool buttons:




- Closes this window.





- Opens local log file (*.log) and displays it using the current configuration.



- Opens imported database (i.e. *.dat files from the imports sub-directory) and displays it using the imports files stored in configuration.

 - Prints the current window contents.

 - Displays the previous day log file.

 - Displays the next day log file.

Access: Supervisor.

Exit – Terminates the KLCCAD software execution.

Access: User.

5.1.1 The Edit menu

Configuration – This option opens the configuration window. In this window the operator can determine the prison name and through the table also the description and the ANI number of each jammer. The determination of the description is indeed free, but the ANI number is unique to each jammer according to the jammers' (KJL-2000) manufacturer.

Notes:

- In order to delete a whole line in the table it is enough to delete the ANI number alone.
- The KLCCAD does not allow user to enter the same ANI number in more than one row in the table.
- The KLCCAD compresses all the rows without ANI after clicking the Ok button.
- After clicking the Ok button the KLCCAD will try to connect the logger if it is not already connected.

Access: Administrator.

Logger port - Use this option to select the parallel port accessed by the logger.

Access: Administrator.

Siren timeout – Use this option to select how many seconds an alarm is generated when an erroneous event occur. The operator can choose any integer between 0 to 15 seconds.

Access: User.

Stop siren – Use this option to stop the siren. Ctrl-S is a shortcut to execute this option.

5.1.2 The Help menu

KLCCAD help - will display the help window.

About - will display software license information.