

1 How to use QuoriLog

From software release 071030 it is possible to use the QuoriLog SD card reader/writer with software version 09 or newer for storing backups, program data and reports. It is important that the software version in the QuoriLog is 09 or newer because the older version didn't support overwriting and deleting of files.

1.1 Activating the QuoriLog

The QuoriLog can only be used when it is activated by programming the port# to which it is connected in SYSTEM PARAMETER 126. The maximum baud rate used can be 115200 for the CONCERTO and QTOUCH-2 and 57600 for all other models. By default the QuoriLog operates on 9600 baud but when another baud rate is programmed for the port used the register will automatically change the baud rate of the QuoriLog if possible.

Note that when the port to which it is connected doesn't support +5V on PIN-9 you need to use an external power supply. The QuoriLog has two LEDs which can be used to see if it is powered and working. When the RED LED is off there is no power. When the RED LED is blinking there is no SD card inserted. The GREEN LED is on when the SD card is being accessed.

ERROR MESSAGES USED:

Error Message# 66 ("xx QuoriLog ERROR").

This message is used to report an error when the device is not working properly where "xx" stands for the the type of error:

- xx = 00 Device not found
- xx = 01 Wrong Controller Software
- xx = 02 Protected Module
- xx = 03 No SD Card not found
- xx = 04 Unable to Create Directory
- xx = 05 File Write Error
- xx = 06 File Read Error

GENERAL MESSAGES USED:

General Message# 47 ("Finished").

Displayed/Printed when the command has been successfully executed.

General Message# 100 ("QuoriLog Read").

Displayed/Printed when data is read (command 125) from the QuoriLog.

General Message# 101 ("QuoriLog Write").

Displayed/Printed when data is written (command 126 & 128) to the QuoriLog.

1.2 QuoriLog commands

There are 4 manual commands and 1 automatic report command available. When a receipt printer is connected and switched on the register will also issue a ticket with the executed command.

125 – WRITING A MEMORY BACKUP

It is possible to store a memory backup on the QuoriLog. The memory backups are stored in the directory "\QBU\" in the same format as used by QPROG. The filename is by default "QB000000.QBU" but it is possible to store more then one backup by entering a reference number of maximum 6 digits. Although the QuoriLog can also be used on POS Concerto and QTouch² the touch keyboards colors and texts are not stored because it is easier and faster to use an USB stick for backup on these models.

Store in Default Backup File.

- Turn lock to X, Z or P
- Enter 125 on the TYPE key
- The Register will create a file called “\QBU\QB000000.QBU” on the QuoriLog. Note that an existing file is overwritten!
- The register will display “QuoriLog Write xxxx” where “xxxx” indicates the number of bytes written.
- When finished the register will display “Finished”.

Store in Specific Backup File.

- Turn lock to X, Z or P
- Enter 123 (max 6 digits) on the X-key
- Enter 125 on the TYPE key
- The Register will create a file called “\QBU\QB000123.QBU” on the QuoriLog. Note that an existing file is overwritten!
- The register will display “QuoriLog Write xxxx” where “xxxx” indicates the number of bytes written.
- When finished the register will display “Finished”.

126 – READING A MEMORY BACKUP

It is possible to read a memory backup from the QuoriLog. The memory backups are stored in the directory “\QBU\” in the same format as used by QPROG. The filename is by default “QB000000.QBU” but it is possible to read a specific backup by entering the reference number. Although the QuoriLog can also be used on POS Concerto and QTouch² the touch keyboards colors and texts are not stored and read because it is easier and faster to use an USB stick for backup on these models.

Read the Default Backup File.

- Turn lock to X, Z or P
- Enter 126 on the TYPE key
- The Register will try to read from the file called “\QBU\QB000000.QBU” on the QuoriLog. When the file is not found you will get a read error (06).
- The register will display “QuoriLog Read xxxx” where “xxxx” indicates the number of bytes read.
- When finished the register will display “Finished”.

Store in Specific Backup File.

- Turn lock to X, Z or P
- Enter 123 (max 6 digits) on the X-key
- Enter 126 on the TYPE key
- The Register will try to read from the file called “\QBU\QB000123.QBU” on the QuoriLog. When the file is not found you will get a read error (06).
- The register will display “QuoriLog Read xxxx” where “xxxx” indicates the number of bytes read.
- When finished the register will display “Finished”.

127 – READING AVAILABLE MEMORY BACKUPS

It is possible to list the stored backups on the QuoriLog with this command. The register will list all files found in the directory “\QBU\” on the QuoriLog.

- Turn lock to X, Z or P
- Enter 127 on the TYPE key
- The Register will try to read the contents of the directory “\QBU\” on the QUORIOLOG.
- The register will display and/or print the directory contents.
- When finished the register will display “Finished”.

128 – STORING FILE OR REPORT DATA FOR EXTERNAL PROCESSING

It is possible to do a manual QuoriLog transfer when you are in X, Z or P mode. By entering the Report Number or File Number on the Multiply (X) key and then enter 128 on the TYPE key the register will try to write the report or file to the QuoriLog in CSV format for external processing. It will first create a directory with the current date formatted as “\YYMMDD\” as name and then try to create a file with the report or file number as name. When the file already exists in the specified directory the register will automatically append “_x” to the name where “x” is automatically incremented starting from '1' to '9' and 'a' to 'z' so it will not overwrite existing files.

Report Transfer Example:

- Turn lock to X, Z or P
- Enter 3 on the X-key (User Report# 3)
- Enter 128 on the TYPE key
- The Register will create a directory called: “\YYMMDD\” when it doesn't exist.
- The Register will create a file called: “\YYMMDD\RUX003.csv” on the QUORIOLOG. When the file already exists it will create a file called: “\YYMMDD\RUX003_1.csv”
- The register will display “QuoriLog Write xxxx” where “xxxx” indicates the number of bytes written.
- When finished the register will display “Finished”.

File Transfer Example:

- Turn Lock to P (only P-mode!)
- Enter 10000 (PLU File) or 5000 (Dept File) on the X-key
- Enter 128 on the TYPE key.
- The Register will create a directory called: “\YYMMDD\” when it doesn't exist.
- The Register will create a file called “\YYMMDD\D10000.csv” on the QuoriLog. When the file already exists it will create a file called: “\YYMMDD\D10000_1.csv”.
- The register will display “QuoriLog Write xxxx” where “xxxx” indicates the number of bytes written.
- When finished the register will display “Finished”.

AUTOMATIC QUORIOLOG REPORT

Take REPORT# 107 and the register will write the report as programmed in SYSTEM PARAMETER 130 to the QuoriLog in CSV format for external processing.. When there is no report# programmed it will write report# 101 (Electronic Journal) by default. It will first create a directory with the current date formatted as “\YYMMDD\” as name and then try to create a file with the report number as name. When the file already exists in the specified directory the register will automatically append “_x” to the name where “x” is automatically incremented starting from '1' to '9' and 'a' to 'z' so it will not overwrite existing files.

- Turn lock to X, Z or P
- Enter 107 on the REPORT key
- The Register will create a directory called: “\YYMMDD\” when it doesn't exist.
- The Register will create a file called: “\YYMMDD\RUX###.csv” on the QuoriLog. When the file already exists it will create a file called: “\YYMMDD\RUX###_1.csv”
- The register will display “QuoriLog Write xxxx” where “xxxx” indicates the number of bytes written.
- When finished the register will display “Finished”.