

DN9848 Preset Editor Version 2.04

Introduction.

The "DN9848 Presets.xls" is an EXCEL based work sheet that enables you to read and write Preset Memories to and from a Klark Teknik. DN9848. The work sheet has a maximum of 99 Preset Memories, sheets, of which the first 25 contain the Klark Teknik factory defaults.

There are six function buttons to execute the following procedures:

1. 'Validate This Sheet.'

This checks all the data is in the valid range and adds units where necessary. If the data is over range the maximum value will be inserted. If the data is under range the minimum value will be inserted. If the data is amended in any way the cell text is highlighted in red. This will help you to identify what data values have been altered and give you an opportunity to either accept or overwrite the corrected value.

2. 'Validate All Data.'

This performs the same functions as "Validate This Sheet" but will repeat the procedure on all Preset Memories that have a name. Sheets that do not have the name cell completed the validation process will be skipped.

3. 'Read Preset From Unit.'

This function reads all data values from the current working memory of the DN9848 and populates the cells on the sheet. If you use this sheet without a unit connected or the unit offline the sheet will be populated with default values.

4. 'Read All Presets from Unit.'

This function performs the task as "Read Presets From Unit" but it reads all 99 preset memories into the spreadsheet. Sheets that correspond to blank Presets will be populated with default data.

5. 'Write This Preset to Unit.'

The Write function copies the data to the preset memory with the same number as the sheet e.g. "Preset 1" to Preset Memory 1 etc. However, this function does not clear the memory and cannot overwrite existing presets. So the target memory has to be blank. The data is validated as it is written to the working memory.

6. 'Write All Presets to Unit'

This function will clear all the existing Preset Memories and copy all sheets to their associated preset locations. "Validate All Data" is called and if invalid data is detected no further presets are written. Run "Validate All Data" before a "Write All". If invalid data was detected correct the value and run "Write All" again.

Operating Instructions.

Creating a new Preset Memory.

To create a new preset fill out the data values in the desired sheet and enter a name in the "DN9848 Preset Title:" field. Or copy all of the fields and buttons, from a previous sheet, to another sheet. You will need to keep the sheet name (e.g.. Preset 1, Preset 2) which are integral to the workings of the sheet, and edited the required fields.

To check that each entered field is within the specified limits the "Validation Key" is pressed. For a sheet to be validated the name field must be entered. If this field had not been completed the validation process will ignore this Preset Memory.

Any invalid data will be replaced with a default value and highlighted in red. If you wish to accept the default value do nothing but run Validate again, If you do not want to accept the corrected data overwrite it with a new value and run Validate again.
Running the Validate again will turn corrected data to black.

Editing a Preset Memory.

Edit the data values in the desired Preset Memory .
To check that each entered field is within the specified limits the “Validation Key” is pressed.
Any invalid data will be replaced with a default value and highlighted in red. If you wish to accept the default value do nothing but run Validate again, If you do not want to accept the corrected data overwrite it with a new value and run Validate again.
Running the Validate again will turn corrected data to black.

Writing a Preset to Memory.

When you select the "Write To Preset" button macro the data will be validated again and if the validation succeeds it will write the contents of a Preset sheet to the preset location of the sheet i.e. sheet Preset 1 to preset memory number 1. If the validation procedure detects invalid data it will not write any further presets. If the spreadsheet detected errors and stopped you will not have a complete set of presets. Correct the invalid data shown in red and select the Write All Presets button again.

Possible problems.

Can't read or write presets.

Check to see if the DN9848 is powered on and is online.

Doesn't write correct Preset settings to the unit.

If a value is out of range the default value will be written.

Can't write individual preset to the unit.

The Preset Editor cannot overwrite a memory – the memory has to be clear before any downloads.

Unit doesn't display full set of Preset Memories.

Check for any invalid fields in any of the Preset Memories.

The Validate key doesn't work.

A Preset Memory name has to be supplied before validation can take place.

Error Messages.

DN9848 not responding on Channel 1.

Please check cable connection and set the unit to remote control on Channel 1.

This error message will be displayed if the unit is not connected via the RS-232 or RS-485 connection to the PC, turned off or not set to remote control Channel 1, and the user tries to validate, read or write presets. If this occurs recheck the connection between the unit and PC and check the unit is set to remote control on Channel 1.

DN9848 not responding on Channel 1.

The unit has stopped responding. Please check cable connection and set the unit to remote control on Channel 1.

This error message will be displayed if for any reason the unit becomes disconnected from the PC or loses power while executing a validate, read or write presets. If this occurs recheck the connection between the unit and PC and check the unit is set to remote control on Channel 1.

DN9848 Preset Editor.

Validation complete with errors.

This error message will be displayed if any data added is out of range, or if the formatting of the text has been changed. If the data is amended in any way the cell text is highlighted in red.

Load.

Read Preset Complete With Errors.

This error message will be displayed if there has been an error while reading a preset from the unit. Check the connection between the unit and PC and check the unit is set to remote control on Channel 1 before retrying.

Load.

Read All Presets Complete With Errors.

This error message will be displayed if there has been an error while reading the presets from the unit. Check the connection between the unit and PC and check the unit is set to remote control on Channel 1 before retrying.

Write Single Presets.

Write Preset To Working Memory With Errors.

This error message will be displayed if there has been an error while writing a single preset to the unit. Check the connection between the unit and PC and check the unit is set to remote control on Channel 1 before retrying.

Write All Presets To Flash.

Write All Presets With Errors.

This error message will be displayed if there has been an error while writing the presets to the unit. Check the connection between the unit and PC and check the unit is set to remote control on Channel 1 before retrying.