

# WAVEWIN

## FUNCTION & NAVIGATION KEYS

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**Function & Navigation Keys**

**File Table**

Function Keys	Description
F1	Display the file table's help file.
F2	Display the file, at the cursor position in text format: ASCII Editor.
F3	Display the file, at the cursor position in hexadecimal format: Hex Editor.
F4	Display a list of the DAU-DEF station titles found in the active directory.
F5	Display the command line dialog to run an application.
F7	Change the active path to the specified destination path.
F8	Copy the marked files to the destination path.
F9	Move the marked files to the destination path.
F11	Display a sequence of events table for all the marked waveform files.
F12	Refresh the folder tree and the current directory

Cursor Keys	Description
Left Arrow	Move the cursor bar to the left one position.
Right Arrow	Move the cursor bar to the right one position.
Up Arrow	Move the cursor bar up one position.
Down Arrow	Move the cursor bar down one position.
Page Up	Display the files on the previous page.
Page Down	Display the files on the next page.
Home	Move the cursor to the first column in the file table.
End	Move the cursor to the last column in the file table.
Ctrl+Home	Move the cursor to the first file in the file table.
Ctrl+End	Move the cursor to the last file in the file table.
Tab	Move the cursor from the file table to the query fields.
Delete	Delete all the marked files and empty directories.
Enter	Run the driver at the cursor position.
Backspace	Change the active path to the previous directory.
Character keys	Move to the next row in the active column that starts with the entered character.

**Function & Navigation Keys**

**Device Manager**

Function Keys	Description
F1	Display the device manger's help file.
F2	Edit the device record at the cursor position.
F3	Test the device's port at the cursor position using the loop back plug detection test.
F4	Create a new device.
F5	Create or edit the terminal function keys for the device at the cursor position.
F6	View the data stored in the device buffer.
F7	Run the MID interrogation interface for all or marked devices assigned a device driver.
F8	Run the DXF interrogation interface for all devices assigned a device driver.

Cursor Keys	Description
Left Arrow	Move the cursor bar to the left one column position.
Right Arrow	Move the cursor bar to the right one column position.
Up Arrow	Move the cursor bar up one row position.
Down Arrow	Move the cursor bar down one row position.
Page Up	Display the devices on the previous page.
Page Down	Display the devices on the next page.
Home	Move the cursor to the first column in the port table.
End	Move the cursor to the last column in the port table.
Ctrl+Home	Move the cursor to the first device in the table.
Ctrl+End	Move the cursor to the last device in the table.
Tab	Move the cursor from the device table to the query fields.
Delete	Delete all the marked devices in the table.
Enter	Run the terminal display for the selected device.

Function & Navigation Keys

Software Analog Channels (SACs)

Operators	Description
+	Add channels or a value. To add a value to a channel insert a ^ before the value.
-	Subtract channels or a value.
*	Multiply channels or a value.
:	Divide channel or a value.
@	Phase shift a channel.
	Take the absolute value.
e	Plot the half-cycle envelope of the specified channel.
a	Plot the envelope of the specified channel.
>	Plot all over-trigger values.
<	Plot all under-trigger values.
h	The harmonic for channel .
h=	The harmonic for all back operations
p=	Define the prefix for the SAC channel.
u=	Define the unit for the SAC channel.

Operations	Examples	Description
Addition	+7/+8/+9/	Add channels 7, 8, & 9 and store the result in the SAC.
Subtraction	+7/-8/-9/	Subtract channel 8 from channel 7, store the result in the SAC, then subtract channel 9 from the SAC.
+ Sequence	+1/+2@120/ +3@240:^3/u=volt/	Calculate the + sequence components and store the result in the SAC then set the SAC's unit.
- Sequence	+1/+2@240/ +3@120:^3/u=volt/	Calculate the - sequence components and store the result in the SAC then set the SAC's unit.
0 Sequence	+1/+2/+3:^3/p=k/u=volt/	Calculate the zero sequence components and store the result in the SAC then set the SAC's prefix and unit.
Harmonics	+16/h=1/p=k/u=volt/	Extract the 1 <sup>st</sup> Harmonic component from Channel 16 and store in the SAC then set the SAC's prefix and unit.
Multiplication	+3/^2.66/	Multiply all sample values in channel 3 with the constant 2.66 and store the result in the SAC.
Absolute Value	+7/+8/+9/ /p=k/u=Volts/	Add channels 7,8 & 9 and store the absolute value.

Function & Navigation Keys

Query Fields

Function Keys	Description
F1	Display the query help file.
F5	Query all the marked files in the active directory.
F6	Query all the files/directories in the active directory.
F7	Query all the unmarked files in the active directory.
F8	Clear the query criteria and set all the query operators to "=".
F9	Toggle through the available query operators for the active query field.

Cursor Keys	Description
Up Arrow	Return the cursor to the file table.
Left Arrow	Move the edit cursor one position to the left.
Right Arrow	Move the edit cursor one position to the right.
Ctrl+Right Arrow	Move the editor to the previous query field.
Ctrl+Left Arrow	Move the editor to the next query field.
Tab	Quit the query fields and activate the folder tree.
Enter	Process the query criteria for all files.

Function & Navigation Keys

Data Display

Function Keys	Description
F1	Display the data help file.
F2	Display the analog and digital channel information.
F3	Generate a max/min peak chart and an EN/SR summary log.
F4	Toggle between the available analog table views.
F5	Display the software analog channel dialog.
F6	Toggle channel amplitude auto scaling between ON, OFF and ++ .
F7	Turn super imposing ON/OFF for all or marked channels.
F8	Mark or unmark all the visible analog/digital channels.
F9	Toggle between the available digital views (All or Triggered).
F11	Display the harmonics table.

Cursor Keys	Description
Left Arrow	Move the black solid data bar to the left one sample.
Right Arrow	Move the black solid data bar to the right on sample.
Ctrl+Right Arrow	Move the data bar to the next peak for the first display channel or for the first marked channel.
Ctrl+Left Arrow	Move the data bar to the previous peak for the first display channel or for the first marked channel.
Shift+Ctrl+Right Arrow	Move the data bar ahead one cycle for the first displayed channel or for the first marked channel.
Shift+Ctrl+Left Arrow	Move the data bar back one cycle for the first displayed channel or for the first marked channel.
Shift+Left Arrow	Shift the analog information table to the left by one column.
Shift+Right Arrow	Shift the analog information table to the right by one column.
Page Up	Page up through the data.
Page Down	Page down through the data.
Home	Move the data bar to the first data sample.
End	Move the data bar to the last data sample.

Function & Navigation Keys

Data Display

Cursor Keys	Description
Ctrl+Up Arrow	Increase the amplitude for all or marked channels.
Ctrl+Down Arrow	Decrease the amplitude for all or marked channels.
Ctrl+Page Up	Expand the time scale for all visible channels.
Ctrl+Page Down	Condense the time scale for all visible channels.
Tab	Toggle between the analog and digital channels.
Up Arrow	Move the channel cursor up one channel.
Down Arrow	Move the channel cursor down one channel.
Shift+Page Up	Display the analog/digital channels on the previous page.
Shift+Page Down	Display the analog/digital channels on the next page.
Ctrl+Home	Display the first page of the analog/digital channels.
Ctrl+End	Display the last page of the analog/digital channels.
Spacebar	Mark or Unmark the channel at the cursor position.
Shift+Up Arrow	Mark or Unmark a group of channels while moving the cursor up.
Shift+Down Arrow	Mark or Unmark a group of channels while moving the cursor down.
Insert	Display the hidden channels that were removed by the delete keys.
Delete	Hide the marked channels and respace the unmarked channels.
Enter	Hide the unmarked channels and respace the marked channels.
Esc	Display all the hidden channels or exit the data window.
Backspace	Display all the hidden channels.
+	Shift all the marked channels up one position.
-	Shift all the marked channels down one position.
Ctrl-A	Move the reference bar to the sample at the cursor bar.
Ctrl-Z	Move the RMS bar to the sample at the reference bar.