

Keys keyboard inaccessible by the menu

F4 **Test the backup formats**
F5 **Low and medium resolution screen exchange**
F9 **Reloads the last open file** (*Image, plan or palette*)

Keypad keys accessible from the menu

BAR-SPACE **Displays or hides the menu**
F6 **Display the palette even if the menu is not on the screen**
F7 **Displays map selection at the top of the screen**
F8 **Displays mouse position on the top of the screen**

ESC **Leave the program**
SUPPR **CLS; clears the selected plan**
← → ↑ ↓ **Moves selected plane (s)**
H & V **Inverse plan selected**
1 a 4 **Selection of plans**
***** **Enables repetition of functions** ← → ↑ ↓ **H V 7 9**
M **Automatic re-display of menu**
P **Enables or disables the plan view**
· & 0 **Reverse selection of plans** (*Point and zero*)
C **Activates the menu copy plan**
7 & 9 **Exchange the data of the selected planes in the direction indicated by the arrows.**
UNDO **Cancels or restores the last action on the image**

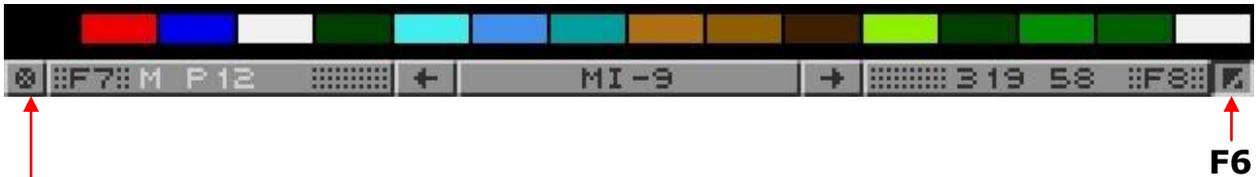
O **Load a file**
S **Save a file**
K **Delete a file**
D **Create a folder**
HELP **Displays the list of file extensions taken into account.**

T **Test color cycles**
I **Only in high resolution. Reverse the image values without changing the color palette**

All of these keyboard keys operate with or without the menu displayed on the screen

TITLE BAR

Corresponding keyboard keys on the menu



BAR-SPACE ①
F6

Displays or hides the menu

Display the palette even if the menu is not on the screen

F7
F8

Displays map selection at the top of the screen

Displays mouse position on the top of the screen

Cases without keyboard correspondence

Cases arrow

Next or previous menu

Case MI-9

Title of the active menu, and return to this menu

- ① *Identical with a click on the first 20 lines of the screen and on the last line of the screen*

MENU MI-9

Gives access to the writing submenu on the boxes



FILE ① **Left click** loading a file
Right click saving a file

Loading and saving an image plane

You will only have access to the extension corresponding to the resolution of the image on the screen

PL1 low resolution

PL2 medium resolution

In image mode **On the original plane**

In plan view **The first planes active in numerical order or the first plane by default**

Backup **The resolution**
The number of the original plan
The palette visible on the screen
The data of the plan

Loading **Change the resolution with the F5 key if necessary**
You will have the choice of loading the plan palette

If a loaded plane is not visible, it is certainly hidden by another plane of the image. - Move it with the arrows or rotate the planes ...-

If the plan does not have the same color, it is because it is not on its original plan

Loading a palette can be canceled with a right click on a UNDO button, but not with the Undo key on the keyboard

① *Equal left or right click on the image or key O and S*
Look at the allowed extensions.

MENU PLAN

Active plane mode and plane 3 and 4 selected



Keypad and menu keys activated only in active plan view

| Keyboard | |
|----------|---|
| ESC | |
| SUPPR | |
| ← → ↑ ↓ | ① |
| H & V | |
| 1 to 4 | |
| * | ② |
| M | |
| P | ③ |
| · & 0 | |
| C | ④ |
| 7 & 9 | |
| UNDO | |

EXIT leaves the program
CLS erases the selected plan (s)
Moves selected plane
Inverse plan(s) selected
Selection of plans
Enables repetition of functions ← → ↑ ↓ H V 7 9
Automatic re-display of menu
Enables or disables map mode
Reverse selection of plans
Activates the menu copy plan
Exchange the datas of the selected planes in the direction indicated by the arrows.
 Cancels or restores the last action on the image
Right click also restores the original palette of the image

- ① *In plane mode, the horizontal displacement of the planes takes place on the columns corresponding to each plane*
- ② *The right button of the mouse automatically activates the repetition on the boxes: ← → ↑ ↓ H V 7 9
Left button blocks repeat*
- ③ *All plans are active when "P" is not selected.*
- ④ *This function is accessible even when the menu is not displayed on the screen*

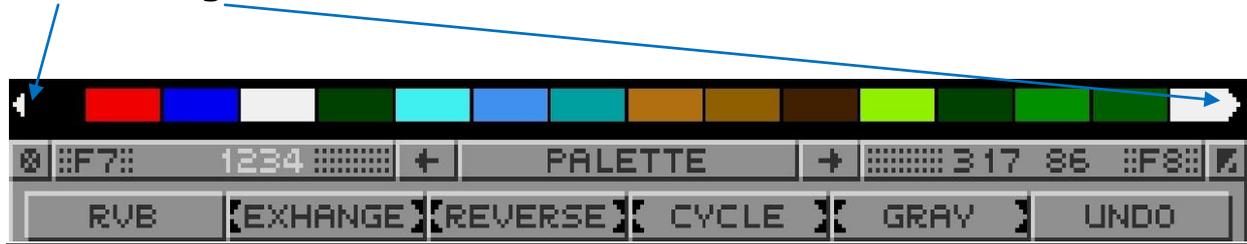
COPY PLAN



Obligated to validate by OK or CANCEL to close this function

MENU PALETTE ①

Left and Right Limit Cursors



Moving limitation sliders: right click and drag

- | | |
|-------------------|--|
| RVB | Opens and closes the RGB menu |
| ◀Exchange▶ | Exchange the two selected colors with the limiting sliders |
| ◀Reverse▶ | Invert the colors of the left cursor to the right cursor |
| ◀Cycles▶ | Moves the colors selected by the left and right cursors |
| ◀Gray▶ ②④ | Transforms colors into 16 levels of gray Right click affects the entire color palette Left Click Allows Limit Cursors. (The colors of gray correspond to those obtained with a right click) |
| UNDO ③ | Undo or restore the last action on the palette . Right click; restore the original palette of the image |

- ① *The palette can not be hidden on this menu*
- ② *Some images have a better gray after several click on this button*
- ③ *Not to be confused with the other Undo case corresponding to the keyboard*
- ④ *In high resolution, this function is replaced by "INV DATA". This inverts the values of the image without changing the color palette.*

Loading a palette can be canceled with a right click on a UNDO button, but not with the Undo key

PALETTE MENU RGB MENU

The left and right limit cursors are inactive on the RGB menu functions but remain active with the PALLET menu button

The UNDO Key in the palette menu also affects these functions

Selecting a color with a left click on a color in the palette



Hexadecimal display of the selected color

Brightness and rotation RGB

R V B To select the component (s) to be modified

+ ① To clarify

***** Selected this box to act on all colors of the palette

■ ① To darken

↑ ↓ ① Rotation RGB or RG, RB, GB

0 to F To change the value of an RGB component of the selected color

ON/OFF RVB ①+②

Enables or disables an RGB component of the entire color palette

① The right mouse button takes into account the left and right limit sliders of the palette

② Only with OFF

MENU CYCLE ①

Menu status after loading an image without a valid color cycle (Also includes Art-Director images)



Limit slider Independent for each color cycle



1 to 4 ② Color Cycles *Selecting a cycle, sets the cycle direction and limiting sliders on the palette*

→ ③ Right direction of selected color rotation

■ But on stop the selected cycle

← ③ Left direction of selected color rotation

+ 0 to 128 Color Cycle Speed Selected in 1/60s

- *0 is the maximum time and does not correspond to the end of the cycle*

+ 0 to 128 ④ Maximum duration of animation in 1/60s

- *0 Is the minimum time*

TEST To play the animation. (T key)

Stop immediately by keyboard

Stop after counting the animation time by mouse click

Art-Director cycle, stop at the end of the animation after pressing a key on the keyboard

- ① *The palette can not be hidden on this menu*
- ② *1 color cycle maximum for NEO and TNY
1 to 4 color cycles for Degas and MI1-3
One cycle of maximum eight colors for conversion to Art-Director*
- ③ *Selecting colors on the palette with limiting indexes ▶◀
Although there are only four colors in average resolution, the color cycles can do this on the sixteen indexes of the palette with sixteen different colors.*
- ④ *Used by some viewer. Not supported Degas*

Art-Director

*The color cycles are not displayed on the menu nor can they be modified with this program, but works correctly
Any changes on the menu erase the Art-Director color scheme*

MENU DISC

Corresponding keys on the DISC menu



- K** **Deleting a file with an extension allowed by the program.** *Erase the file even if the attribute is "Read only"*
- HELP** **Displays the list of file extensions taken into account.**
- D** **Create folder**

MENU SETTINGS



AUTO ①

ENABLES AUTOMATIC LOGGING FOR:

- **The last paths used by Open, Save, Deleted and Folder**
- **The selected language**
- **The color of fading**
- **Menu colors for low and medium resolution.**
- **The active state of this button**
- **The state of button [P]**

If Auto is enabled, the program saves automatically are directory change, without further changes

SAVE ①

Backup identical and only way to stop automatic backup

FR /GB

Choice of interface language and alert boxes.

RESET ②

Restore the last access paths you have saved inside the program

FAD.B/W

Default black fading color

COLOR

Changes the menu color

- ① *Two possible backup modes.
Normally, backing up does this in a reserved area of the program*

The program can be compacted. (Tested with Ice-Prg 2.4 and Atomik cruncher3 v3.6)

In this case, the backup is done automatically in the same directory as the program in a 333-byte MI-9.INF file.

(Automatic backup can be stopped before compacting)

If the program is compacted and does not find the INF file, it restores the backup performed before are compacted

- ② *Even if the program is compacted, it is the data that is restored by this button*

All source files are in this folder

<http://www.mirari.fr/file/browse?f=931&u=506>

The 68k routines used, are adapted to this program and can certainly be improved...

The originals of the routines I have modified are included.

ROCKYONE