



## FancyFAN for MA3

### Installation:

This is a plugin for grandMA3 on PC or console.  
Here is how you install the plugin from a USB-stick:

If you have not used the USB-stick with MA3 before go into MA3-Menu and select Backup.  
Now select your stick in the top right corner.  
Folders are now created on your stick and you can exit the menu.

The downloaded zip-file contains two files. This document and the plugin itself.  
Copy the file "FancyFAN.xml into the following folder on your stick:

**(Stick letter):\grandMA3\gma3\_library\datapools\plugins**

Now in MA3 add a Plugin Window (You find it under 'Data Pools')  
To create a new plugin swipe down and select Edit.  
In the window that opens select Import and then select your stick. (Top right)  
Select the FancyFAN file and press the Import button.  
Close the Edit Window. FancyFAN are now available to use.  
NB! It's probably wise to just have one plugin slot with FancyFAN.  
In the case of updates delete the old version first.

### **## CONCEPT ##**

FancyFAN helps you create fans easy by adjusting faders.  
Think of it as a 'Special Dialog' for fans (Align pan/tilt).

### **## LICENSE ##**

This is not a free plugin. The license is personal.  
If you did not get it from our shop please consider to go there and buy it to support development.  
Thanks in advance.  
<https://addondesk.com/stores/ma3extensions/>

### **## CREDITS ##**

Written by Jan Ringen  
Thanks to Andreas Glad for tireless forum support and for introducing me to the GOOD Lua-stuff.  
Thanks to Nigel63 for dialog code examples

For the latest version of the manual click FancyFAN on <https://addondesk.com/stores/ma3extensions/>  
For FancyFAN tutorial and other videos please visit <https://www.youtube.com/@MA3eXtensions>

## ## HELPER GROUPS ##

FancyFan makes 22 helper groups in the groups pool.  
If you delete them they will show up again next time FancyFAN is used.  
Feel free to move them out of the way:  
Find a free spot for 22 groups in the Group Pool = XX  
Move Group "FcyFan Helper\*" at XX

## ##### QUICK GUIDE #####

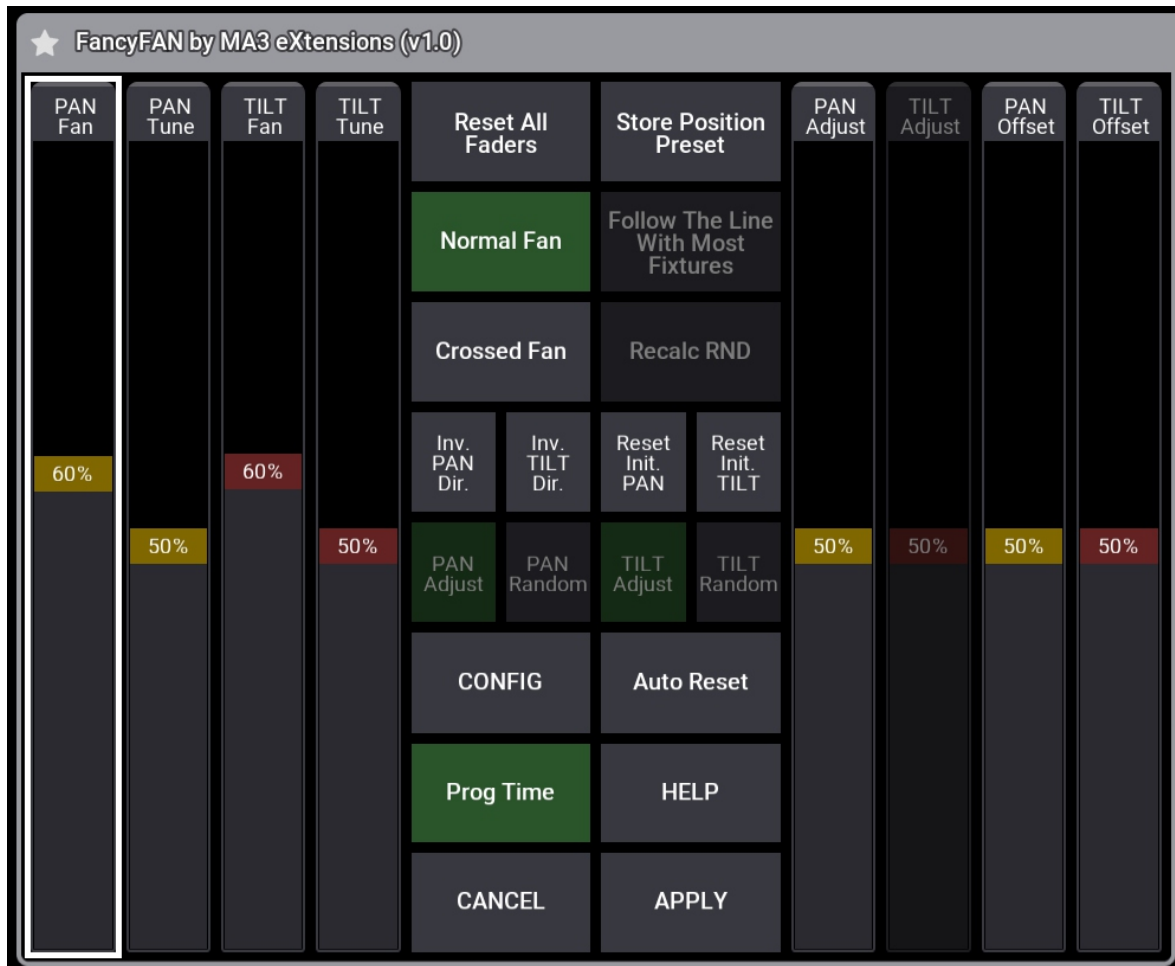
With 'Normal Fan' active:  
PAN-Fan = Makes a fan similar to 'Align /' on Pan  
TILT-Fan = Makes a fan similar to 'Align <>' on Tilt

Experiment with the remaining faders.  
(You can read what they do below!)

FancyFAN works on the current selection.  
It will use the grid but not in the usual way.  
Each "Y-line" will be treated separately in respect to the symmetry of the fan.  
X-position doesn't really matter - selection order is used.

For example:  
If you have 2 bars with fixtures:  
Put fixtures on bar 1 on Y = 0  
Put fixtures on bar 2 on Y = 1

Note:  
If you set pan/tilt position before running the plugin that position will be used as base for the fan!



## ##### CONTROLS #####

Please note:

PAN-Tune, TILT-Tune, PAN-Adjust and TILT-Adjust makes adjustments to the fan. If no fan is present (PAN-Fan and TILT-Fan at 50%) you will not see their function.

### ## PAN Fan ##

This fader makes a fan similar to 'Align /' on Pan. 50% means no change.

### ## PAN Tune ##

This fader changes the spacing between fixtures on the pan axis. It can for instance make the distance smaller in the center. This will make a better looking fan in the developers opinion.

### ## TILT Fan ##

This fader makes a fan similar to 'Align <>' on Tilt. 50% means no change.

### ## TILT Tune ##

This fader changes the spacing between fixtures on the tilt axis. Used to fine tune the look of the fan. Instead of a V-shape you will get a more rounded shape.

### ## PAN Adjust ##

This fader will either part or cross the fixtures by the center.

### ## TILT Adjust ##

This fader will affect the tilt values between different lines. (Y-lines in grid)

### ## PAN Offset ##

This fader will change all fixtures pan value by the same amount.

### ## TILT Offset ##

This fader will change all fixtures tilt value by the same amount.

### ## Reset All Faders ##

This button will set all FancyFAN faders to 50% = 'No Change'.

### ## Store Position Preset ##

This button will store the current position as a Position Preset at the next available Pool slot. It will not close FancyFAN so you can continue adjustments.

### ## Normal Fan ##

This button selects the 'Normal Fan' mode. Green button = ON  
You will get fans similar to 'Align /' and 'Align <>'.

### ## Crossed Fan ##

This button selects the 'Crossed Fan' mode. Green button = ON  
This mode will alternate the values on Pan and make the beams cross.

### ## Follow The Line With Most Fixtures ##

This button selects the 'FTLWMF' mode. Green button = ON  
It affects how fans are calculated when you have multiple lines but different number of fixtures on the lines. (Y-lines in grid)  
Please test or see tutorial video for better explanation.

### **## Recalc RND ##**

NOTE! This button is only available if you have RandomPOS installed!

(RandomPOS is another plugin we sell on addondesk.com)

This button will generate new random values for pan and tilt.

### **## Inv. PAN Dir. ##**

This button inverts the direction of the Pan-fader

You can use it to match your preference.

### **## Inv. TILT Dir. ##**

This button inverts the direction of the Tilt-fader

You can use it to match your preference.

### **## Reset PAN ##**

This button resets the INITIAL PAN values and sets them to center\*.

If you started the plugin with PAN center it will not change anything.

The purpose is to re-center PAN if you accidentally started the plugin with a previous fan for instance. \* Center DMX-value! If your center is different don't use it!

### **## Reset TILT ##**

This button resets the INITIAL TILT values and sets them to center.

If you started the plugin with TILT center it will not change anything.

The purpose is to re-center TILT if you accidentally started the plugin with a previous fan for instance.

### **## PAN Adjust / PAN Random - TILT Adjust / TILT Random ##**

NOTE! These buttons are only available if you have RandomPOS installed!

(RandomPOS is another plugin we sell on addondesk.com)

You can swap out the default ADJUST-function with a RANDOM-function.

The PAN Random / TILT Random faders will add or subtract a random value to the current fanned position.

### **## CONFIG ##**

This button opens another window with faders.

PAN LIMIT and TILT LIMIT sets a limitation to the range of the fans generated.

The purpose is to give finer control on PAN Fan / TILT Fan faders.

If you want more or less available range use these.

PROG TIME will adjust the Prog Time used by FancyFAN.

See information on the Prog Time button!

### **## Auto Reset ##**

If this button is active (Green) the FancyFAN faders will be reset to 50% everytime you start the plugin.

### **## Prog Time ##**

This button toggles the FancyFAN Prog Time.

The idea is that real life fixture probably would like some fade time as you test out the looks to find the perfect one.

If this function is ON (Green button) Prog Time will be automatically enabled when FancyFAN is running.

The Prog Time is set to 1.5s default but you can change that with CONFIG!

When the plugin is closed the previous time and status is restored.

## **## CANCEL ##**

This button removes any fans generated and close FancyFAN

## **## APPLY ##**

This button makes the current look active in the programmer as absolute values and close FancyFAN

## **##### ADDITIONAL INFORMATION #####**

### **## CENTER FIXTURE ##**

A center fixture will normally keep it's pan value unchanged.  
Exception is 'Pan Adjust' and some cases of 'Follow the LWMF'.

### **## OOPSING RANDOMPOS ##**

Ooping is possible but please note that you need to oops multiple times.  
The first thing you oops might be 'Programmer Time change'.

### **## MULTI USER SESSION ##**

Some adaption has been made but only limited testing have been possible.

### **## KNOWN ISSUES ##**

FancyFAN is not compatible with MATricks and will temporary disable any such settings.  
FancyFAN is not compatible with Selection 2. It will warn and not start.  
If you open the Selector Menu, Quick Command Overlay, At Filter Overlay or similar while FancyFAN is in use it will close without restoring the Prog Time. Your fan will not be affected.

### **## DISCLAIMER ##**

FancyFAN is thoroughly tested but all use cases can not be tried.  
MA3 eXtensions can not be liable for any problems that arise from use.  
We might be able to improve the plugin if you send report to [ma3extensions@qsmedia.net](mailto:ma3extensions@qsmedia.net)