RECURRENT MALLARMÉ

BY RAFAEL LOZANO-HEMMER

TABLE OF CONTENTS

GENERAL IMPORTANT INFORMATION

DETAILED TECHNICAL INFORMATION

APPENDIX I - INSTALLATION

GENERAL IMPORTANT INFORMATION

This short section must be read for proper operation

RECURRENT MALLARMÉ (2018)

BY RAFAEL LOZANO-HEMMER

Technique

Computer, 58:9 ratio display

Description

"Recurrent Mallarmé" is a new algorithmic text spring made with the collected works of French poet Stéphane Mallarmé. Letters ascend and meander in a turbulent flow that gives rise to each poem that the revolutionary author wrote. The entire flow of typography is controlled by a physics engine that uses fluid dynamic algorithms which ensures the patterns are randomized and are never repeated, but ultimately delivering the poetry with the architecture of space that the poet intended.

Operation

** Please refer to "Appendix I - Installation" on page 13 for components placement and wiring diagram. **

1. Connect the computer and the display to electrical power. Use the supplied power cables.

2. To turn the piece ON, press the power button of the computer for a second then release it. *Important note: Please do not push the button again as this will shut down the piece. Wait at least 2 minutes before pressing it again as the computer might take that long to boot.* After 2 minutes (maybe faster), you should see the piece.

3. To turn the piece OFF, it is best practice to use the remote supplied with the LG Display to turn off the display as the computer will reboot itself daily at 2am and does not need to be shut off.

4. If the piece doesn't start within 2 minutes, try to turn on the piece again. If it still doesn't turn on, then hold the power button all the way down for 10 seconds. Then, wait at least 3 seconds and press the power button all the way down for 1 second and you should be up and running again. Do not fear if you see a window that says "Your PC encountered a problems and had to restart". Just click, "Don't send details" and then the piece will playback normally. Any error like this can usually also be fixed by restarting the computer by using the keyboard, pressing the Windows key in the bottom left of the keyboard, next tot he CTRL button and then navigating to the power icon at the top right of the screen that appears and clicking RESTART.

Maintenance

Please do not clean the display with Windex or soap. Use a lint-free cloth and LCD screen liquid cleaner, such as Kensington Screen Guardian found in computer stores. We recommend cleaning the piece at least every 2 months.

Placement instructions

The computer should be oriented with the ANTENNA side of the computer UP. This side is the heat exhaust and blocking it will make the computer overheat and die.

The computer should be oriented so that the side with black and white labels is facing the rear of the display and is almost right up to it. So if you are facing the piece then the ANTENNA side is on the RIGHT and the POWER BUTTON of the computer side is on the LEFT.

When facing the piece you should not be able to see the computer at all.

The display should be oriented so that it is leaning against a wall at a slight angle, enough room for the computer to fit comfortably behind it without touching the wall.

The display should be oriented so that the BOTTOM, the side with all of the ports, is on the RIGHT, if you're facing the piece. The side with the ports will have a port for the DISPLAYPORT cable from the computer.

The display has a magnetic dome receiver that you can stick to the side or back of the piece. This sensor is what the remote needs to be pointed at for the remote to work.
The piece should be then installed like so:
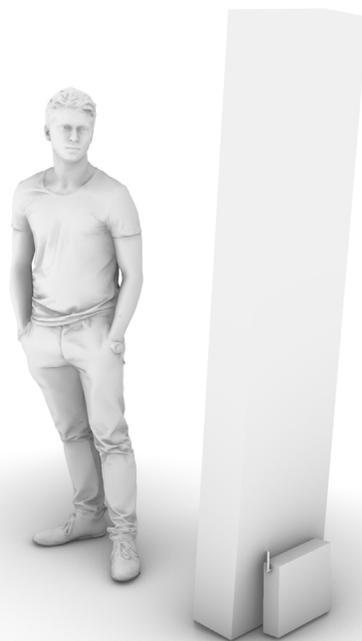
DETAILED TECHNICAL INFORMATION

How to setup computer

Please connect the two parts of the POWER SUPPLY together, the brick that has the end that will connect to the computer, and the standard american three prong power cord. Connect to power.

Please take the ANTENNA and plug it into the back of the ZOTAC computer. It will need to be screwed in.

Please take the DISPLAYPORT cord and plug into one of the ports of the computer labeled DP, and then later into a matching port on the display.

How to setup the display

The display should be switched to the proper DISPLAYPORT input using the INPUT button the top right of the remote. Then, using the SETTINGS button to change the picture to CINEMA mode.

How to setup the wireless keyboard

The USB dongle will be inside the bottom compartment of the keyboard. Insert this into the computer. To turn on and off the WIRELESS KEYBOARD using the switch on the edge of the keyboard. RED is OFF and GREEN is ON.

Software

By default, none of the software is available to edit as it is running on TouchPlayer Commercial license, which allows the playback of content at resolutions above 720p, but disables the usage of the TouchDesigner coding environment.

Remote access to artwork's computer

   The computer running this artwork has a software installed that allows the studio to remote connect to the artwork. This feature is helpful when you require assistance from the studio as we can remote connect to it and do a quick inspection and debug session onto your components. In order to enable this feature, the computer has to be connected to the Internet at all times. Depending on the computer's operating system (Windows 7/8/10, OSX), the procedure to set the computer online will be different. Please look online for tutorials if needs be.

Preliminary troubleshooting steps

After pressing the power button and nothing seems to happen.

If you press the power button and the piece doesn't start within 2 minutes, try to turn on the piece again. If it still doesn't turn on, then hold the power button all the way down for 10 seconds. Then, wait at least 3 seconds and press the power button all the way down for 1 second and you should be up and running again. Do not fear if you see a window that says "Your PC encountered a problems and had to restart". Just click, "Don't send details" and then the piece will playback normally. Any error like this can usually also be fixed by restarting the computer by using the keyboard, pressing the Windows key in the bottom left of the keyboard, next to the CTRL button and then navigating to the power icon at the top right of the screen that appears and clicking RESTART.

The image displayed is in the wrong orientation/format.

If the piece appears to have the wrong orientation, press ESCAPE to exit to the desktop. Then right click anywhere on the background and from the menu click SCREEN RESOLUTION. Here you can adjust the RESOLUTION and ORIENTATION. Pressing FN + F1 with the TouchDesigner application selected will put the project back into Perform Mode. Alternatively you can follow the steps above to restart the computer and the piece should open properly.

If the keyboard does not react.

If the keyboard isn't working turn over the keyboard and check to see if the keyboard is turned on, there is a button that shows red or green. Green is on. Also check if the USB dongle is in the computer, you can try putting this in different USB ports. You can also open the bottom of the keyboard and check and replace the batteries.

Troubleshooting assistance

Prior to contact Antimodular studio for a problem with your artwork, ensure you went through the preliminary troubleshooting steps from the previous section.

The troubleshooting process will vary depending on the problem. In order to ease the process, it is recommended that you collect and transfer these information to the studio:

- Date and time when the problem first happened;
- Description of the problem;
- Actions taken so far and conclusions;
- Detailed photographs (or videos) displaying the problem;
- Detailed photographs (or videos) of the suspected faulty component;
- Detailed photographs (or videos) of the whole artwork and its surroundings;
- Personnel involved;
- Other relevant details, such as any changes in the surroundings, etc.

Support (contact us)

If you would like support for the piece please feel free to call Lozano-Hemmer's studio in Canada:

Antimodular Research
4060 St-Laurent, studio 107
Montréal Québec H2W 1Y9 Canada
Tel 1-514-597-0917 Fax 1-514-597-2092
info@antimodular.com
www.antimodular.com

APPENDIX I - INSTALLATION

Components description

This artwork requires the following components:

Component	Description
Computer	Computer running on at least Windows 8.1, with an NVidia graphics card (at least GTX 1070).
Displayport cable	Connects the computer to the display.
Display	A 58:9 ratio display oriented vertically. Ideally the monitor would be as matte (non-reflective) as possible, as slim as possible with bevels as small as possible.
Keyboard	While not required for normal use of the artwork, it allows you to troubleshoot the artwork.

Contents of the box

Wiring diagrams and connections
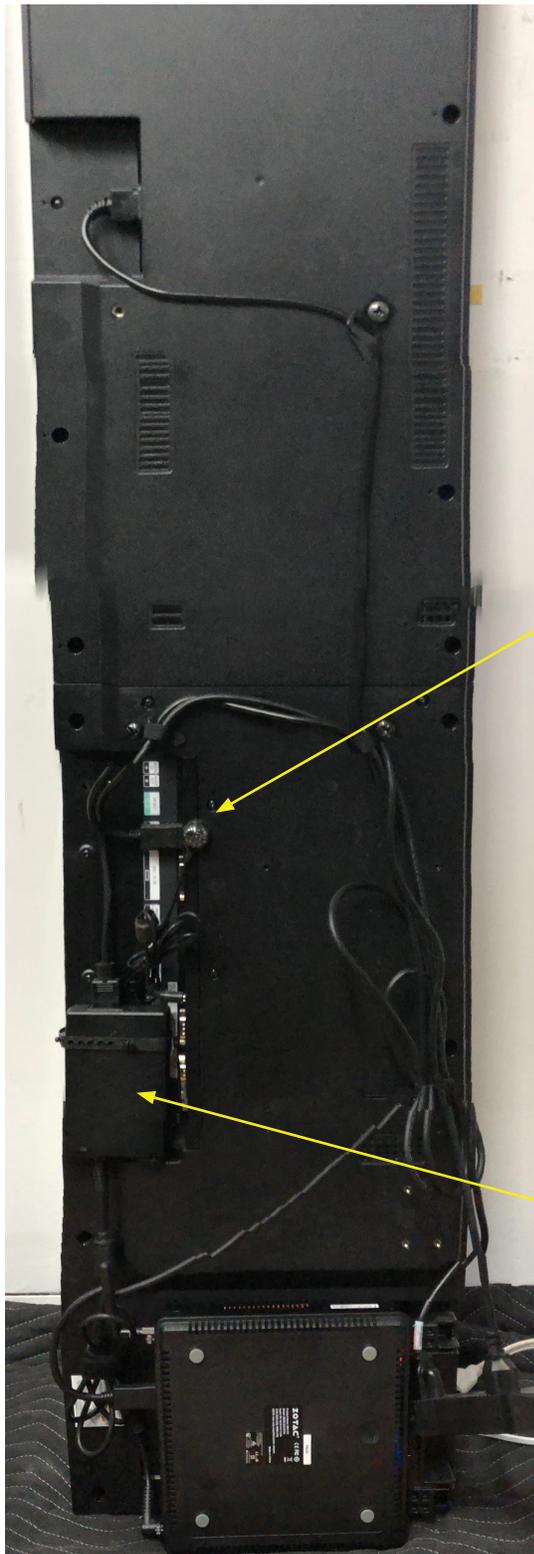
Magnetic remote sensor on the back

Power supply of Zotac should be attached to the rear of the LG display using provided cable management