Maxmix

T3knomanzer

VIEW IN BROWSER

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Summary

Do you ever use a voice chat app to talk to your buddies while playing games?

Gadgets > Computers

Tags: sound controller dial mediacontrolvolume volumeknob mixer audiomixer volumebutton maxmix

Do you ever use a voice chat app to talk to your buddies while playing games?
Don't you hate having to open up Windows Mixer to adjust the volume of the chat and the game?

Maxmix is an open-source sound mixer that allows you to control the volume of every application with the turn of a knob.

Files Included

Stl and Step files for all parts are included.
Choose from the 14mm and the 17mm bottom depending on the hole spacing of your encoder.
We also provide a 26mm and 28mm LED bracket to choose from depending on the hole spacing of your LED ring.

Print Settings

The design is optimized to be printed with the following settings:

Layer height: 0.2 mm
Vertical shells: 3
Horizontal shells: 4 top/bottom
Seam position: nearest
Infill: 15% Rectilinear
Support material: Yes, on build plate only (supports are very minimal)

It is recommended to use a dark color to print the enclosure to prevent light bleeding while using a translucent color for the diffuser to let the light of the LEDs through.

Assembly

Part list, assembly instructions and software can be found in the Product Page

Remixes

The .step file is included to make it easier to create remixes.
Go remix!

Changes

R99

- [Top] Reduced thickness in areas above dupont connectors to reduce wire tension.
- [Top] Updated tabs sockets to use same tab for both, display and MCU.
- [Bottom] Fixed encoder alignment.
- [Bottom] Updated tabs sockets to use same tab for both, display and MCU.
- [Knob] Added ribs for easier and better fit into encoder shaft.
- [Led] New LED assembly, diffuser and bracket with optional cells to prevent light bleeding.

R98

- [Bottom] Moved power bus inwards to make space for weights.
- [Bottom] Added tabs to the top of the usb connector .
- [Knob] Removed revision number.
- [Knob] Fixed off-center hole causing the knob to orbit around.
- [Top] Changed tabs on the side of the screen to walls.

R97

- [Top] Added logo to top front right corner.
- [Bracket] Fixed LightBracket 28mm spacing and pin size (SgtSarcasm)
- [Bracket]Added LightBracket 26mm spacing stl. (Mavi)

Product PageThingiverseBuyDonate

Model files

maxmix_base_bottom_14mm_r99_v40.stl

maxmix_base_bottom_14mm_r99_v40.step

maxmix_base_bottom_17mm_r99_v40.step

maxmix_base_bottom_r99_v40.f3d

maxmix_base_bottom_17mm_r99_v40.stl

maxmix_base_tabs_r99.f3d

maxmix_base_tabs_r99_v3.step

maxmix_base_tabs_r99_v3.stl

maxmix_base_knob_r99_v6.stl

maxmix_base_knob_r99_v6.step

maxmix_base_knobcap_r99_v6.stl

maxmix_base_knobcap_r99_v6.step

maxmix_base_knobcap_r99_v6.f3d

maxmix_base_knob_r99_v6.f3d

maxmix_base_top_r99_v20.f3d

maxmix_base_top_r99_v20.step

maxmix_base_top_r99_v20.stl

maxmix_base_ledbracket_r99_v4.stl

maxmix_base_ledcells_r99_v3.step

maxmix_base_leddiffuser_r99_v2.f3d

maxmix_base_ledbracket_r99_v4.step

maxmix_base_ledbracket_r99_v4.f3d

maxmix_base_leddiffuser_r99_v2.step

maxmix_base_ledcells_r99_v3.stl

maxmix_base_ledcells_r99_v3.f3d

maxmix_base_leddiffuser_r99_v2.stl

Find source .stl files on Thingiverse.com

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