

THE GADGET FREAK® FILES **CASE #176**





fter hearing a college lesson on Pierre Schaeffer and his potentiometer d'espace, Raven Sanders, a student at the Lyle School of Engineering at SMU, decided that Schaeffer had the right idea when it came to audio mixing — a 3-D approach. She created a flat touch screen that works through frustrated total internal reflection. Sanders says the ease of use of this device over a mixing board allows for intuitively determining the audio source location and makes mixing surround sound fun again.

GADGET FREAK? Design News and Allied Electronics would like

to send you a check for \$500 to spend on Allied's website at www.alliedelec.com/gadgetfreak or anywhere you please. And don't forget to supply us with a video file of your gadget in action. E-mail Design News your proposed project (must incorporate electronic components and involve sensing, motion, timing and/or networking elements) to robspiegel@comcast.net, along with a description of how it works, a parts list, schematic, photos and video. If your project is selected, you'll receive a \$500 check from Design News and will be featured in an upcoming issue of the magazine or at designnews.com with your invention.

ADVERTISEMENT

"MIXING IT UP"		
Amt	Part Description	Allied Part #
1	APC 2 Port USB; Hub	660-0308
6	Resistors (.25W 20Ω)	895-0415
1	Resistors (.25W 40Ω)	895-0415

More of What You Need:

Find schematics, build instructions and a full parts list at

To get Gadget Freak delivered directly to your inbox, go to http://reg.designnews .com/newsletter/subscribe

Sign up for the Gadget Freak RSS feed and get the posts delivered directly to your desktop at http://www.designnews.com/rss.

For parts information, call (800) 433-5700 or go to www.alliedelec.com/gadgetfreak

ALLIED ELECTRONICS

SPONSORED BY »