

Light Sound Duality, Super Easy Music to Dancing Lights Display

THOROLD,, CANADA, October 10, 2014 /EINPresswire.com/ -- Lights dancing to Christmas Carols made big news December 2013. Examples were displayed all over the Web. Some folks could even drive around their hometown and see live displays in their neighbors yards. Now, here is a chance for everyone to set up a dancing lights display with Light Sound Duality by Jamie Aiello. In his self-introduction for the [Kickstarter crowdfunding event](#), he says, "If you can plug in an electric cord and use an mp3 player, you can use this unit." Jamie is an electronics engineer. He is borrowing the basic unit idea from software set up to monitor nuclear containment units. He has created a very simple plug and play unit which can be used to turn any set or sets of lights into a light show. The process is as simple as plugging a radio or mp3 player into a speaker.

First off, users plug in their music player, then attach an audio splitter to the unit. The speakers or headphones for the unit are then plugged into one side of the splitter, and the input cable for the lights is plugged into the other. The input cable is calibrated to feed the sound to a bank of light plug ins. Each plug is set up to turn on when it "hears" a particular sound frequency. In this way, you can predict which lights will flash. The music provides the triggering sound frequency, so the lights flash in cadence with the music. Voila! Instant light show – just as

easy as plugging in 12 lamps or light strings. The only planning the user needs to do is to decide which lights go with each sound.

If the Kickstarter succeeds, Light Sound Duality will be available in February 2015, so it isn't quite ready for this Christmas. But tree lights and lawn displays are not the only use for this easy-to-use



device. It can become the focal point for block parties, discos; even ice skating rinks can use it to replace cumbersome sound/light panels. Displays can be scaled to a variety of situations, from a sports rally to a romantic evening with soft music and electric candles. Users can create a remarkable variety of lighting displays using simple items such as recycled bottles and strings of Christmas tree lights.

The [prototype is complete](#), and has been tested. In order to get this super easy light and music interface into customer hands, Jamie needs some help with the next step, which is manufacturing the hardware. It takes some cash to get a first run of just about anything created in a factory. He doesn't expect contributors to do it for nothing, however. In the event of a successful campaign, contributors will be given rewards that either relate to



the product or that are the product. The list of fun rewards for this Kickstarter is as follows:

- \$1.00: the sure knowledge that you are putting a fun product into consumer's hands
- \$10.00: Insider's view of the project, and your name on the "Wall of Fame" on www.aielloengineering.com. And our thanks.
- \$50.00: Ear buds with case, and an audio splitter to connect your player to your base unit.
- \$249: Audio processor with mini display, plus FM transmitter, as well as the ear buds and splitter.
- \$399.00: Base Unit, plus FM transmitter. Ear buds, with case, and the audio splitter.
- \$499.00: Base Unit, Mini display and FM transmitter. Ear buds, and audio splitter.

Note: All contributors from \$10 and up are listed on the "Wall of Fame" on www.aielloengineering.com. Add \$15.00 for shipping outside of Canada. Prices displayed are for CAD.

As Jamie puts it, these lights are a way-cooler application of this software and technology than watching buildings. (Maybe not as important – but certainly cooler.) Your contribution will not only help Jamie, but possibly help others who need an easy way to set up a lighting display. Benefits, rallies, cast parties, graduations, community events of all kinds could use this quick and easy display system. Just imagine being the star of your organization as you benevolently lend your Light Sound Duality. It could happen – it just needs to make it into manufacturing, and then onto the market.

About: Jamie Aiello, of Aiello Engineering is a Registered Professional Engineer. He has extensive experience in systems design, hardware and software development. He looked at the software designed to monitor nuclear power plants and saw the possibility for something fun.

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