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American DJ Group of Companies

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Follow The DOTZ!

ADJ's DOTZ Matrix With Cutting-Edge COB LED Technology Is RGB Wash/Blinder/Matrix In One Super-Charged Unit

KERKRADE, NETHERLANDS – (For Immediate Release) -- ADJ is presenting the next cutting-edge breakthrough in LED effects with the **DOTZ Matrix**, a color wash/blinder/matrix panel powered by advanced COB (chip on board) LED technology. This versatile 13.75" x 6.75" x 14.75" (345 x 170 x 370 mm) panel produces mind-blowing brightness that will make it a visual knockout on stages, at concerts and in nightclubs, thanks to its 16 x 30-watt Tri-Color COB LEDs.

Much more brilliant than traditional surface mount (SMD) LEDs, COB LEDs differ from their predecessors in that multiple LED diodes are mounted directly onto the circuit board as one lighting module. This new technology creates a more powerful LED engine in less space with shorter interconnection lengths, resulting in a super-charged output and more vibrant, dazzling colors.

In addition to its spectacular brightness, the DOTZ Matrix is amazingly versatile, with the ability to perform as three different types of effects: an RGB color wash, an audience blinder, or a pixel matrix effect. Its Tri-Color (red, green, blue) LEDs provide extremely smooth color blending and rich, robust palettes. The panel also has pixel mapping capabilities for creating stunning eye candy effects. Users can control individual pixels in 48-channel and 52-channel DMX modes, and there are four Pixel Flip options for changing pixel orientation. Add in its 430-watt output and a massive 60° beam angle, and it's easy to see that the DOTZ Matrix will immediately command attention however – and wherever - it's used.

“The DOTZ Matrix takes LED color wash panels to a whole new level of excitement, energy and versatility,” said Dirk Kast, General Manager for ADJ Europe. “As ADJ has done throughout its history, we take great pride in bringing this major advance in lighting technology– COB LEDs – to our customers. We believe that the DOTZ Matrix represents the beginning of a whole new era in LED-powered effects. Anyone who sees it will immediately be impressed by its superior power and brightness, not to mention the amazing pixel effects you can create with it.”

As one would expect with a fixture of this caliber, the DOTZ Matrix is loaded with professional features. It includes: 0-100% electronic dimming, 5 selectable dim curves (Standard, Stage, TV, Architectural and Theater), a strobe/pulse effect, built-in preset colors and programs, and a variety of operational modes (Auto, Sound Active, Manual RGB Dimmer, Static Color, and DMX-512). Its bright output and flicker-free operation make it ideal for video/broadcast use, in addition to entertainment lighting.



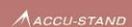
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When used with a DMX controller, there are 5 DMX channel mode options to choose from (3, 6, 7, 48 and 52-channel). The DOTZ Matrix is also RDM (Remote Device Management) compliant. It features 3 and 5-pin DMX connectors, and PowerCon In/Out to daisy chain power for up to 5 units @120V and 9 units @230V on one. A 4-button LCD display on the rear panel provides easy access to the fixture's settings.

The DOTZ Matrix is fan cooled and comes with a hanging yoke and a multi-voltage auto-sensing power supply: AC 100V-240V, 50/60 Hz. The panel weighs 18 lbs. (7.8 kg.) and measures 13.75" x 6.75" x 14.75" (345 x 170 x 370 mm).

Click link below to see the DOTZ Matrix in action!

<http://www.youtube.com/watch?v=9r3eQzrtnc>

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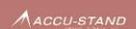
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