

## Case Study

### Wonderball revolutionises Ping Pong at Bounce



#### Challenge

Social entertainment brand Bounce, wanted to create an entirely new experience using their Ping Pong tables combined with interactive projection.

#### Solution

Projection Artworks, specialists in digital experiences, and Bounce launched Wonderball – the first digital evolution of the game Ping Pong.

The bespoke system was rolled out across two London locations, turning a standard Ping Pong table into an interactive game using projection mapping – revolutionising Ping Pong for London gamers.

Projection Artworks created a variety of games and interactive effects. Players can pick and choose the game they want to play by bouncing the ball on the projected menu. Games include a projected version of beer pong, a point scoring game, trailing digital effects to enhance normal game play and in Hit Machine the system counts rally lengths. The system then pinpoints the trajectory of a specifically developed ball and keeps score of the game.

The system is built in TouchDesigner, and projected from one Optoma ZU650 projector with added UV flood lights to illuminate the table.

Bounce has patented the Wonderball tech which combines ball tracking technology and the latest in interactive projection mapping.



*ZU650 laser-phosphor projectors*

## Results

The result is the ultimate immersive retro arcade gaming experience and a whole new way for groups to play - with very little skill needed.

Tom Burch, managing director of Projection Artworks, said:

“ This is one of the most multifaceted projection mapping projects we have worked on and a true technological breakthrough for the social entertainment industry. We always enjoy a challenge at Projection Artworks and we like working on immersive experiences that make people say ‘wow’. This project does exactly that. ”

Adam Breeden, founder and CEO of Bounce, said:

“ At Bounce, we don’t believe in boundaries and look at consistently innovating to bring social gaming into the future. This could be called the first digital evolution of the game since Pong, the beloved arcade game - but we set out to achieve the creation of something beyond Ping Pong, an entirely new experience that must be seen to be believed. Wonderball is changing the game for us, with multi-player experiences in mind, created entirely for the social gaming generation and our loyal fans. ”

## Bounce

Since its launch in 2012, the Bounce concept has been regarded as a game-changer in social entertainment venues, combining three elements of hospitality: a bar, restaurant and entertainment activity – all set against award-winning design and the highest standard of fit out.

[bouncepingpong.com](http://bouncepingpong.com)

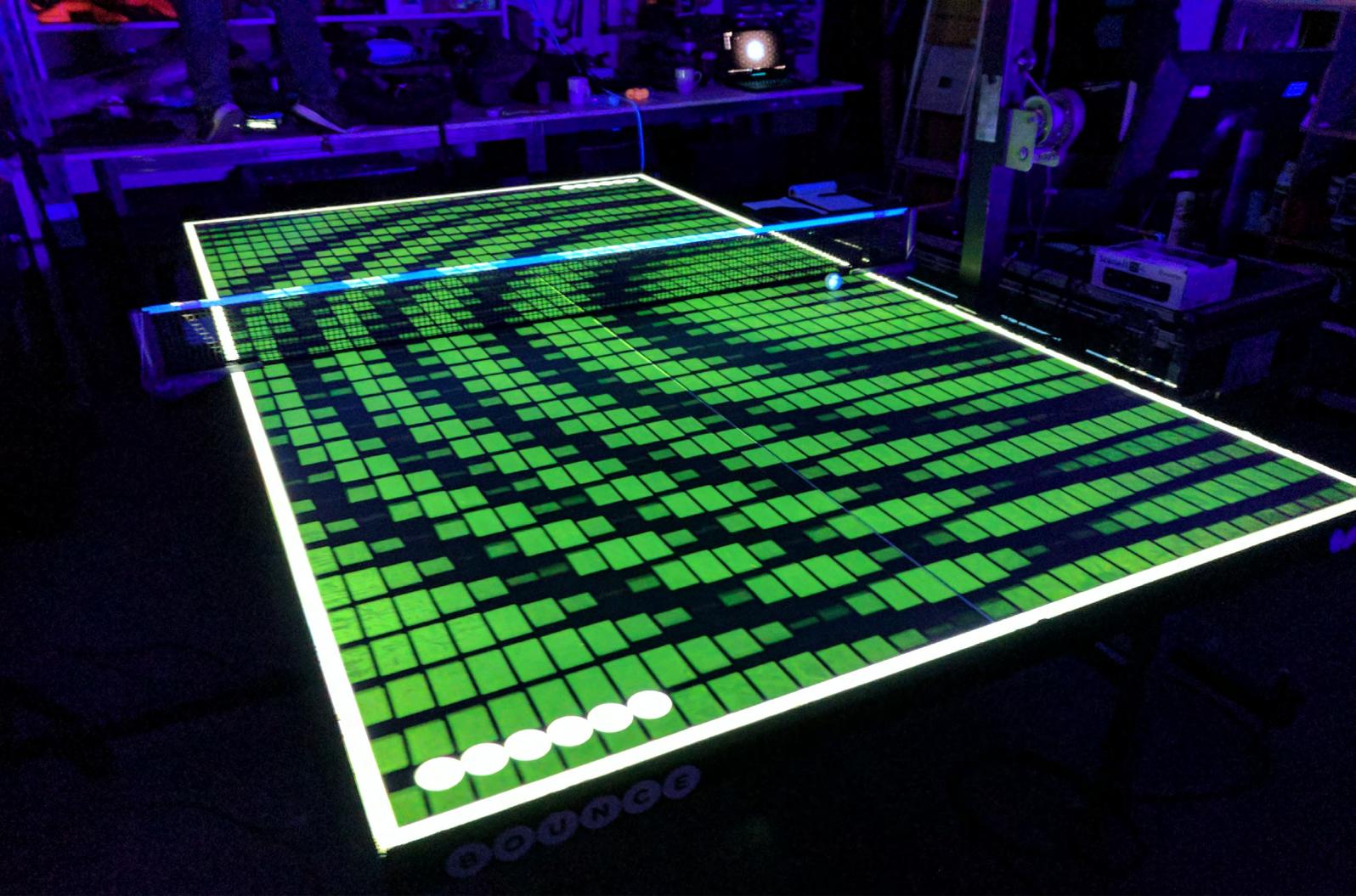
## Projection Artworks

Projection Artworks is a creative studio and production house specialising in projected art and video-mapping for events, conferences, PR stunts, private parties and experiential activity. Often working with the world’s top advertising and event agencies, Projection Artworks has created spectacular works for brands such as Nike, Disney and Red Bull. The company is the only one of its kind to offer full-scale creative and production services under one roof.

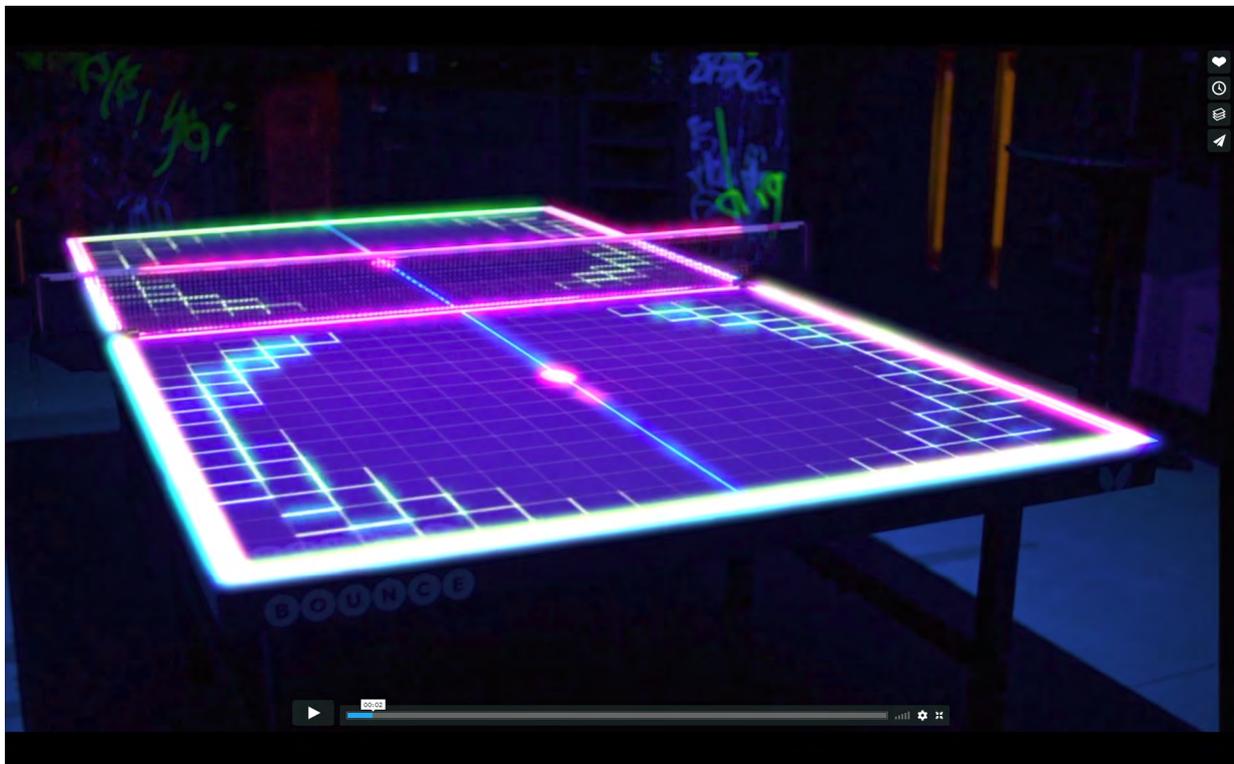
[projectionartworks.com](http://projectionartworks.com)



**ProjectionArtworks**



Watch Bounce in action below!



[optoma.co.uk](http://optoma.co.uk)

Copyright © 2017, Optoma and its logo is a registered trademark of Optoma Corporation. Optoma Europe Ltd is the licensee of the registered trademark. Optoma will provide the service for Optoma products and supported solutions only. Full terms and conditions can be found on our website. Image copyright ©Bounce