

# SONANCE CASE STUDY

RESORTS WORLD | LAS VEGAS NEVADA, USA



## ABOUT RESORTS WORLD LAS VEGAS

Opening in 2021 on the former site of The Stardust, the \$4.3 billion Resorts World became the most expensive property ever developed in Las Vegas. Featuring a 117,000 sq ft (10,900 sq m) casino, 70,000 sq ft (6,500 sq m) retail center, more than 40 restaurants and bars, a five-acre pool complex and 59-story tower housing three hotels. Resorts World quickly became the jewel of the strip and a must-see location for locals and a must-stay location for travelers.

## THE SPEC

**Business name:** Resorts World - Las Vegas, Nevada, USA  
**Integrator or consultant:** Technology West Group  
**Products used:** Sonance Professional Series In-Ceiling, Pendant, Surface Mount, Subwoofers, Omni Outdoor Speaker.  
**Audio spaces:** Gaming floor, restaurants, bars, public areas, rest rooms, parking structure, back of house, resort pool and gardens, entrances.

## THE CHALLENGE

A combination of open ceilings in the food court, some restaurants, retail areas, and function spaces, combined with hard lid ceilings on the casino floor, public areas, rest rooms, other restaurants and retail shops meant that several different form-factors of loudspeakers would need to be deployed. Additionally, in some bar areas, bass augmentation was a requirement, so subwoofers were also required. For outside areas, the speakers would need to blend sonically with the indoor areas, while disappearing into the garden beds.

## REQUIREMENTS

The goal was to deliver an audio system that could provide consistent volume levels and tonality throughout the entire property, while blending into the architecture and interior design inside and the landscaping in the gardens and pool areas outside.

## METHODOLOGY

For inside areas, a combination of several thousand Sonance Professional Series PS-C83RT In-Ceiling Speakers, PS-P83T Pendant Speakers, and PS-S83T Surface Mount Speakers were deployed. For bass augmentation, the PS-C83RWT In-Ceiling, PS-P83WT Pendant and PS-S83WT Surface Mount 8" Woofers were used, while the PS-S210SUBT Dual 10" Bandpass Subwoofers were flown vertically and hidden amongst the ceiling sculptures in the bar areas. For pool and garden areas over 500 OMNI-6T Mushroom-style speakers provide perfect coverage, while the partial-buried design allows them to blend into ground cover.



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"We had used Sonance Professional Series with great success in many previous Las Vegas projects, so when we were awarded Resorts World, it was the obvious choice. The incredible fidelity in 70V meant we could deliver superior sound quality than traditional commercial speakers, while the consistent voicing and sonic signature allowed us to easily combine the different form-factors. Additionally, Sonance's high level of customer service and ability to deploy such a large-scale project was nothing short of impressive - they consistently went above and beyond."  
Richard Reisig - Principal, Technology West Group.

## RESULT

"Our goal was to make Resorts World Las Vegas one of the most prestigious and impressive casinos in the world. Sonance and Technology West have delivered an audio solution that is not only the highest quality, but also incredibly consistent throughout all areas of the property. We could not be happier with the outcome and with the relationship we established."

Richard Perks, Director AV Infrastructure, Resorts World Las Vegas.



## PRODUCT HIGHLIGHT

Sonance commercial loudspeakers can be found in thousands of restaurants, retail chains, casinos, hotels, bars, gymnasiums, airports, shopping malls, educational facilities, houses of worship and automotive showrooms around the world.

### SONANCE PROFESSIONAL SERIES

- Full-fidelity Transformer with 70V, 100V, 8 Ohm
- Factors: Pendant, In-Ceiling, Surface Mount
- Sizes: 4", 5.25"\*, 6", 8" Drivers \*Surface Mount
- Woofers and Subwoofers to Match
- Available in Black or White

### OMNI-6T

- Full-fidelity Transformer with 70V, 100V, 8 Ohm
- 4 x Wideband Drivers plus 6" Woofer
- Buriable Design
- IP66 Rated

## ABOUT SONANCE

Sonance was founded in 1983 by Scott Struthers and Geoff Spencer, who introduced the world's first in-wall loudspeaker. This achievement led to many more "firsts" and a proud heritage of innovation. It also inspired a philosophy that continues to drive the company's brands today: that technology can and should blend in with architecture and great design. With a wide range of solutions that are designed to disappear, Sonance has cultivated long-standing, authentic partnerships with leading architects, interior design professionals, custom installers, design-conscious consumers and end-users, from their home base in San Clemente, California and throughout the world.