

# The home of Swiss sports optimizes stadium sound with Renkus-Heinz

Stadion Letzigrund brings powerful sound to the fans with Renkus-Heinz's T Series and C Series loudspeakers.



Originally built by members of FC Zürich, [Stadion Letzigrund](#) has been the home of football and 'Weltklasse Zürich' – one of the most renowned one-day events in athletics – since 1925. A call for the modernization of the stadium in the late 90s saw the venue close its doors and reinvent itself in the summer of 2007, with an improved capacity for football, athletics and concerts. Since then, the stadium has hosted European Championships, concerts by internationally renowned artists,

and several big games for the Swiss Football League. To continue its legacy, Letzigrund upgraded its sound system with Renkus-Heinz to provide spectators with seamless audio, no matter the event.

Collaborating on the project were integrators [avidec AG](#) and audio consultants [promedias AG](#). The events programme at the stadium changes regularly, so the system had to be weather-resistant and flexible enough to cater to speech, music and public announcements. Consistent and

balanced sound pressure levels were important, as was even coverage. Renkus-Heinz's [C Series](#) and [T Series](#) loudspeakers in the WR weather-resistant versions delivered exactly what Letzigrund was looking for.

"Renkus-Heinz has a large range of loudspeaker systems, which meant that we were able to find the perfect solution for this project," begins Chris Steiger, CEO and founder of promedias AG. "We originally installed 48 [CX61](#) models in 2022 as nearfield loudspeakers for the

audience in the back rows. This year, we expanded the system further, replacing the original loudspeakers that were installed in 2007 when the stadium reopened with over 30 [TX151s](#). This enabled us to deliver homogenous sound for all events."

avidec installed 31 TX151s on the stadium roof to deliver powerful sound to the audience. Two loudspeakers are mounted in each front field, with one loudspeaker directed at the athletics track and the second at the front row of spectators. In the rear field, one TX151 loudspeaker provides sound for the audience at the back, and the rear three rows of seats benefit from sound provided by the additional, smaller CX61s.

"Renkus-Heinz's T Series loudspeakers are versatile enclosures that can be integrated almost anywhere," furthers Steiger. "The models are ideal for sports venue projects, delivering outstanding sonic performance to every area of the Letzigrund." The TX151s put the unique advancements of Renkus-Heinz into practice with their [complex conic horns](#). These horns provide constant beamwidth and directivity without the problems of conventional rectangular horns.

The C Series comprises two-way compact loudspeakers built upon Renkus-Heinz's design philosophy of



innovation, sound quality and user-friendliness. Featuring the same complex conic horn technology of the T Series, the CX61 models deliver high-volume output in a small enclosure, as well as low distortion and high-frequency performance power.

"avidec AG has been supporting the system since it was installed in 2007, therefore for over 17 years," Steiger continues. "The experienced technicians at avidec AG chose Renkus-Heinz's T Series and C Series models because of

their excellent dispersion angles, high SPL and weatherproof housing. These models fit perfectly into the existing infrastructure. With this first conversion, we have now installed new sound in 40% of the spectator stands. We plan on integrating more TX151s next year for the middle-row and back-row seats and the field. That's how much confidence we have in these loudspeakers."

Renkus-Heinz delivers everything you need for stadium sound. The T Series and C Series loudspeakers offer high performance, customization, small form factor and weather resistance, all of which are crucial for a great game day experience. Choosing a system from Renkus-Heinz has not only made things easier for the on-site team at Letzigrund but has also brought fans closer to the game – with clarity and precision like never before.

## Products:

48 x Renkus-Heinz CX61

31 x Renkus-Heinz TX151

