



# Catch the ambience

## Cinema Symphonic - Summer Concerts University Munich



**"Perfect! Recording natural room ambience and applause has never been easier."**

**Josef Angloher, Freelance Sound Engineer**

<b>Who?</b>	University Munich, Germany
<b>Where?</b>	Auditorium Munich University of Applied Sciences and Herkules hall at the Munich Residenz
<b>What?</b>	1 x NX4TRX base station 2 x NX1TX transmitter 2 x NXA-10-360-10 antennas

### Challenge

- The brief was to catch the ambience at the summer concerts of the Munich University
- The right placement of the antennas as well as of the microphones and XIRIM remote transmitters NX1TX was challenging. The microphones (AKG C3000) hung down from the NX1TX transmitter units which

were fixed to the railing of the upper echelon in the hall. Thanks to the locking device this was no problem. Cables could be laid only very costly. Thanks to wireless technology, it was also easier to test different micro-positions, since cable connections did not have to be relaid.

### Result / Customer Benefits

- Applause and ambient sound could be controlled separately in the mixdown.
- As the microphones were a long way from each other the stereo imaging could be deepened.
- With LOS (line of sight) a problem-free transmission over the entire duration of the event (about 3 hours), was guaranteed.
- Live signals with high and percussive noise (e.g. applause, symphony orchestra with choir) could be transmitted properly.
- iPads were operated in the 5 GHz band in parallel without problems.
- The ease of use and the few components of the XIRIUM system also allow spontaneous use.

