

## Z1 Nightclub, Varkaus, Finland

### Background:

Z-one is a high class night club in the city of Varkaus, Finland. There are only 23,000 people living in the city, a local entrepreneur wanted to build something completely new and different. There weren't any good venue's for live music and this was a very good reason in his mind for him to do this. Z-one has about 1000 m2 of floorspace and can take about 800 customers.

The venue needed a sound system capable of creating quality sound and appropriate sound levels everywhere with delay speakers. The main PA-system was supposed to be bi-functional, taking care of sound for the dance floor and able to be effective as the PA for visiting bands. There was also a need for a separate system in the Suomipop-bar, a small separate area focusing on finnish dance and pop music.

Ohm as a manufacturer of good quality loudspeakers was known for many years. At this time, they didn't have distributor in Finland and after visiting Plasa 06 everything started to look clear. The deal about going to Ohm's factory in Knutsford was made and after visiting there in january 07 there was no doubt. Ohm systems were selected.

### Z-one stage:

- 4pcs TRS-212
- 4pcs TRS-218
- 4pcs TRS-115
- 4pcs CFU-A3
- 2pcs CFU-A2
- 1pcs CRED MK2 2-4

This system is used for the dancefloor and for the visiting bands. TRS-115 are mainly monitors for use for the venue, but visiting bands may also use them.

### Z-one main bar:

- 6pcs MOON top
- 3pcs BR-18B
- 2pcs CFU-A3
- 1pcs CRED MK2 2-4
- 5pcs CL-3T

This system is used in the main bar area. Moon tops are mounted above bar desk pointing outwards to help keep sound pressure levels down for the employees. CRED is used to set delay between this system and main PA. CL-3Ts are for the toilets. BR-18B were selected instead of MOON SUB because there was only about 40cm of space available for each sub and BR-18B fits there perfectly being only 40cm wide when turned on it's side. Using this separate system was also one meant to keep sound pressure levels down while bands are playing. The main PA was tilted downwards to take care of the front part of the area and this system takes care of the back area. Subs were included because sometimes this is the only system for the bar when the dancefloor isn't open on quiet nights.

#### Sidebar:

2pcs BR-8  
1pcs CFU-A1

These speakers offer a little bit of fill to the sidebar area. The main sound comes from the stage nearby but because of the accurate dispersion of TRS-212 high end more clarity was needed. Delay between these speakers and the main PA is set via the same CRED as the main bar.

#### Terrace:

6pcs BR-5 (white)

#### Suomipop bar:

4pcs TRS-115  
1pcs TRS-218  
1pcs CFU-A1  
1pcs CFU-A2  
1pcs CRED MK2 2-4

This system is used in the suomipop bar which is small, about 80 m<sup>2</sup>, it is a completely separate room. Music is finnish dance and pop music. TRS-115s are in each corner of the room while TRS-218 sub is mounted in to the ceiling in the middle of the room pointing downwards right to the dancefloor. This solution gave very good results for the dancefloor and to the tables around the dancefloor.

#### Separate pub Kavaljeeri:

6pcs KS-3  
1pcs CFU-A1

This system was installed for the background music in a small pub near Z-one.

A wide variety of speakers are also used for demo purposes.