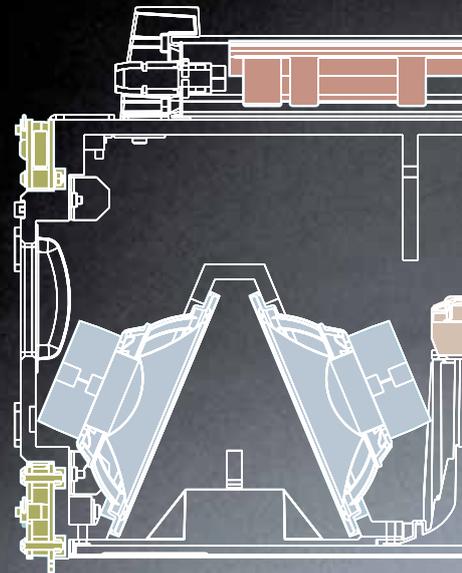




LINE ARRAY MODULES

- Wide, constant directivity, coverage angle
- High power neodymium transducers
- High power class D amplifiers
- 96 KHz, 32 bit, floating point DSPs



— Digital processing



The integrated digital processor is based on a state of the art 32 bit, floating point DSP running at 96 KHz sampling rate. The calculation capacity largely exceed the processing needs and the DSP is never pushed to the limit. Crossover and equalization of the transducers, limiter, system presets: high pass, air absorption and cluster size corrections.

— Digital power

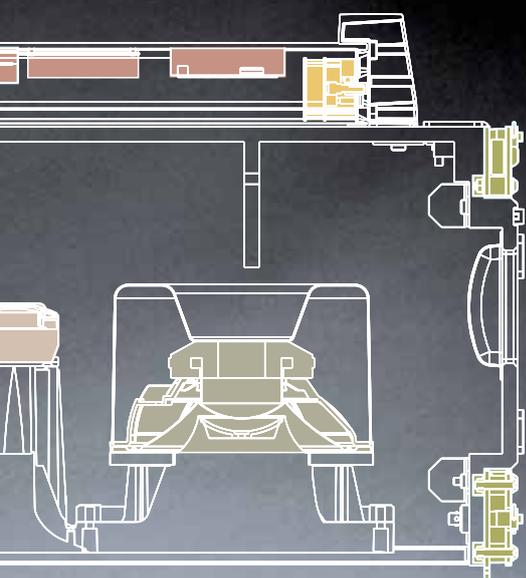


The TTL33-A is powered by a 750 watt switching power supply and 3 digital amplifiers: 500 watt mid-bass , 500 watt midrange and 250 watt compression driver. 750 watt power for the TTL31-A: 500 watt low frequency and 250 watt high frequency. The result is very high output, extremely low distortion and natural sound.



Looks like a "mini" array Sounds like a "compact"

Advanced technologies, knowledge, experience, continuous engineering effort and dedication were able to bring us to these unique results: the TTL33-A and TTL31-A. Active, ultra compact, wide dispersion, line array modules that set a new standard in touring and theatre sound reinforcement.



— Compression drivers

A new compression driver unit has been developed in RCF specifically for array applications. The best ratio between the size of the diaphragm and the overall diameter and the very small total size makes the ND1411-MT a unique driver for application in line on straight horns. TTL33-A and TTL31-A houses 3 of them for perfect HF control.



— Controlled mid-bass

Light and reliable neodymium 8", in a band pass loading configuration, provides a tight and loud mid-bass. Thanks to a careful acoustic design the sensitivity in the 100 Hz region is almost double than typical, same size, designs.



— High output midrange

A fast and accurate horn loaded 8" takes care of the midrange frequencies in TTL33-A. Powerful neodymium magnet, aluminium die cast basket, aluminium back can in direct contact to the rear plate for best heat dissipation.



— Reliable mechanics

Laser cut high quality steel bars and precision machining for an easy to use and reliable mechanics. Thanks to the very light weight of the cabinet building the cluster is very simple, fast and effortless.

