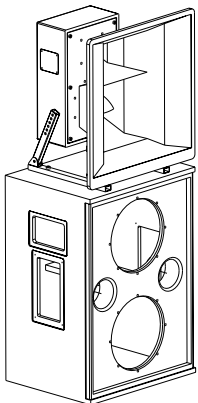




CS3412A

THEATER MAIN SPEAKER

USER MANUAL



EK-MA-080612-001



Features :

■ **Four transducers three way phase-inversed surrounding cinema speaker, professional high efficient transducers. Computer simulating design.**

- Four transducers three way full range
- High SPL, high sensitivity
- Two 12" big power woofers
- One 8" compression horn mid range transducer,
- One compression driver with 44mm titanium diaphragm
- Built-in crossover for HF/MF. external crossover for MF/HF
- 90°x40° wide dispersion can get the wider covering
- Computer simulating design provide very good Frequency response and phase feature
- Very convenient walling installation mode
- Suitable for THX, DTS and other multi-channel surrounding sound reinforcement in cinema
- Suitable for Mid/small cinema audio system
- Combining with MS-MAX special speaker controller C-2600 can get good frequency response and phase
- Can work with MS-MAX CSB218A, CSR210A, CSR212A, CSR215A when used for high quality music replaying

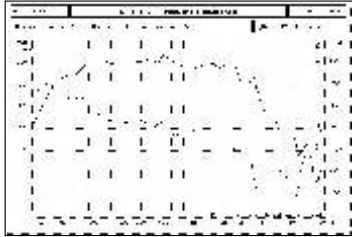


Specifications :

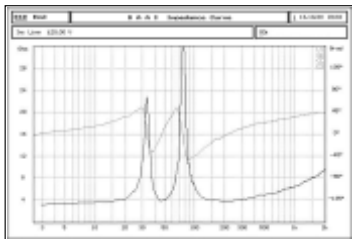
Transducers	Bass : 12" x 2 ; Mid : 8" x 1 ; Treb : 44mm x 1
Frequency response(-3dB/-10dB)	LOW:43Hz-800Hz/35Hz-3KHz , MID/HIGH:400Hz-20KHz/300Hz-20KHz
Sensitivity(1m/1W)	LOW:100dB , MID/HIGH:103dB
Xover point	LOW/MID:450Hz , MID/HIGH:2.2KHz
Dispersion(H x V)	90° x 40°
Power(RMS)	LOW:500W , MID/HIGH:200W
Rated impedance	LOW:4 Ohm , MID/HIGH:8 Ohm
DC impedance	LOW:2.8 Ohm , MID/HIGH:4.8 Ohm
THD	<3%
Input	Spring clip
Net weight	LOW:40Kg , MID/HIGH:14.4Kg
Gross weight	LOW:45Kg , MID/HIGH:19Kg
Dimensions(W x D x H)	LOW:560 x 440 x 800mm , MID/HIGH:560 x 408 x 584mm
Packing dimensions(W x D x H)	LOW:670 x 550 x 920mm , MID/HIGH:700 x 676 x 535mm

Attached drawing:

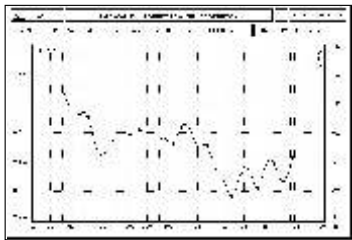
LOW:



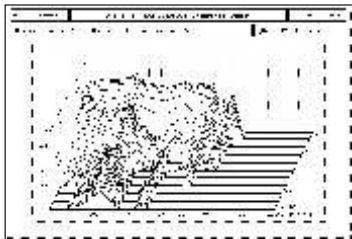
Frequency response, P_S/2.83v



Impedance curve

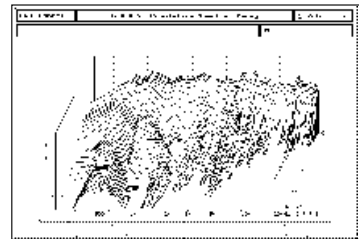
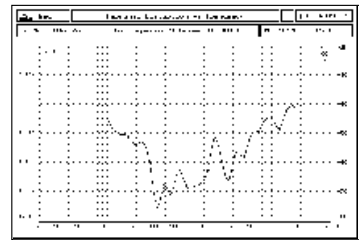
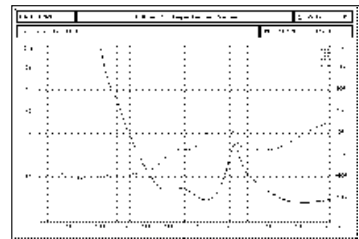
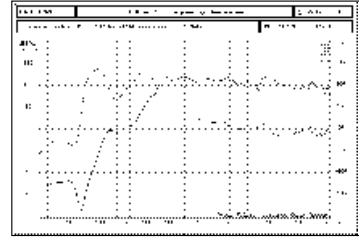


Harmonic distortion 0.6dB /2.5m ,
nominal impedance

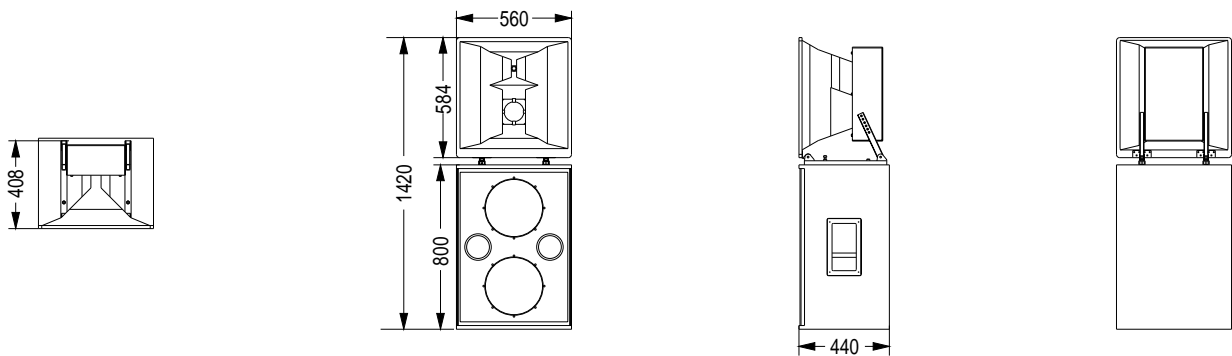


Waterfall spectrum analysis

MID/HIGH:



Cabinet Dimension :





Beta Three

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