

INTRODUCING

7

**MASTER
REFERENCE
MONITORS**

SERIES

Hear the truth.



The first in JBL's new 7 Series line, the 705i and 708i models answer the call for next generation multi-channel monitoring in post rooms, broadcast facilities and trucks. Leveraging patented technologies developed for our flagship M2 Master Reference Monitor, 7 Series deliver detailed imaging, extended frequency response and remarkable output from compact enclosures. Centrally amplified and tuned, and easily installed, 705i and 708i are the heart of an elegant, scalable system for broadcast and post facilities working in immersive audio formats.

NEXT GENERATION DRIVER TECHNOLOGY

Meeting the dynamic range and extended frequency response requirements of today's production formats, 7 Series incorporates JBL next generation "Super Drivers."

The new 2409H High Frequency transducer incorporates an innovative low-mass annular diaphragm that delivers smooth response beyond 40 kHz, with extraordinary output and very low distortion.

Custom 5" and 8" low frequency drivers in the 705i and 708i produce remarkable low frequency output, response and high output with minimal power compression.

PATENT PENDING IMAGE CONTROL WAVEGUIDE

First introduced in the JBL M2 Master Reference Monitor, the Image Control Wave Guide technology allows

A seamless crossover and uncolored response in the critical dialog range.

Neutral off-axis response for greater accuracy and room-to-room consistency.

Detailed imaging and a coherent transition between screen channels, surrounds and overhead speakers.

COMPACT, INSTALL FRIENDLY ENCLOSURES

Compact enclosures minimize interference with sight lines to video monitor.

Front ported enclosures allow shelf and soffit mounting without degradation in performance.

Rear and bottom mounting points and a range of mounting hardware allow wall and ceiling mounting in either vertical and horizontal orientation.



LSR 708i

LSR 705i

NEXT GENERATION SYSTEMS FOR POST AND BROADCAST PRODUCTION IN CONTROL ROOMS AND TRUCKS

Modular and scalable for number of channels and room size.

7 Series Monitors and the JBL M2 Master Reference Monitor can be combined to produce a wide range of systems.

Compact enclosures and mounting hardware allow versatile mounting options and unobstructed sight lines.

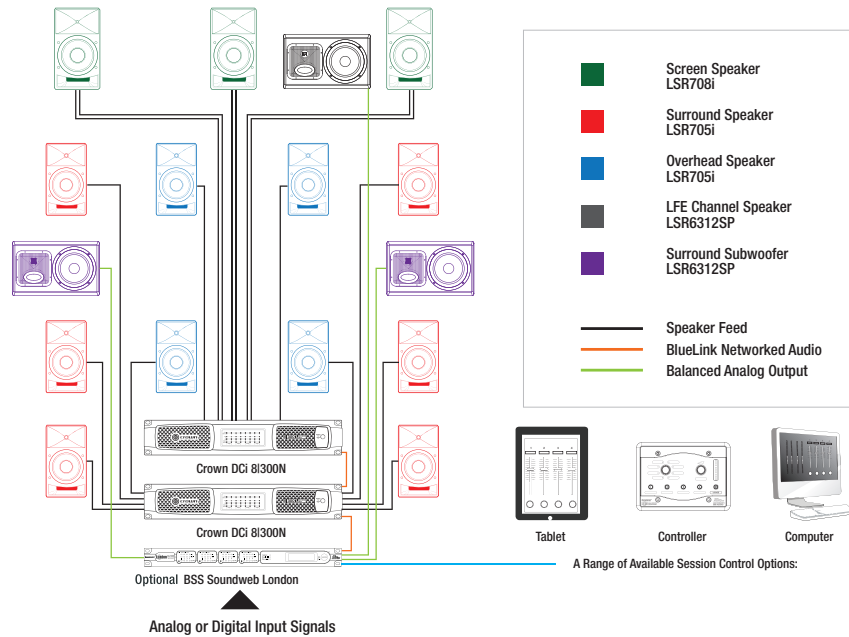
Centralized amplification and processing eliminates the requirement for power source at each speaker location.

BSS BLU link Networked Audio for ease interface and reduced system noise.

Harman HiQnet equipped components can be centrally controlled via hardware, software or wireless tablet.

System example:

9.4.1 Immersive Audio System



AMPLIFICATION:

We removed all but the essential components from speaker. The system leverages the superb performance and high density of eight channel Crown DCi8300N amps which provide the following benefits:

Reduced speaker size and weight.

Eliminates cost of providing electric power at each speaker location.

Reduced system complexity. Blue link networked audio in the DCi N amps simplifies installation and reduces opportunity for system noise.

On-board DSP provides perfectly matched tuning profiles for the 708i and 705i.

Dedicated Room EQ filters provide a more consistent listening experience in a range of post production and broadcast rooms.

Bi-amplified or single wire operation.

SIGNAL PROCESSING AND CONTROL:

The addition of a BSS Soundweb London processor adds the following system capabilities:

Down-mix monitoring in a range of configurations.

A range of I/O options including AES/EBU, Dante, AVB, and Analog with line or mic inputs.

Session functions such as level, individual speaker solo, and more can be centrally controlled via hardware controller, Harman Audio Architect Software, or wireless tablet.



LSR705i

Frequency Response:	-1.5 @ 48Hz – 23kHz
Frequency Range :	39Hz – 36kHz
Max SPL :	101 dB SPL / 1m
Maximum Peak SPL:	107 dB SPL / 1m
HF Driver:	2409H
LF Driver:	725G
Dividing Network Transition Frequency:	1.9kHz
Input Types :	Phoenix Terminals accept 12 gauge speaker wire
Dimensions:	(H x W x D): 10.5 x 5.875 x 8.125 in (267 x 149 x 206mm)
Weight Each:	9.0lb (4.08kg)
Enclosure:	Birch plywood reinforced for mounting
Mounting:	Top, bottom and rear mounting points. 2-hole mounting pattern



LSR708i

Frequency Response:	-1.5 @ 45Hz – 23kHz
Frequency Range :	35Hz – 36kHz
Max SPL :	108 dB SPL / 1m
Maximum Peak SPL:	114 dB SPL / 1m
HF Driver:	2409H
LF Driver:	728G
Dividing Network Transition Frequency:	1.7kHz
Input Types :	Phoenix Terminals accept 12 gauge speaker wire
Dimensions:	(H x W x D): 17.25 x 9.75 x 11.5in (438 x 248 x 292mm)
Weight Each:	25.2lb (11.5kg)
Enclosure:	Birch plywood reinforced for mounting
Mounting:	Top, bottom and rear mounting points. 4-hole mounting pattern

Learn more at jblpro.com/7series