INTRODUCING

7
SERIES

MASTER REFERENCE
M O N I T O R S

Hear the truth.

JBL
PROFESSIONAL ®
by **HARMAN**

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.

KEY FEATURES

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.

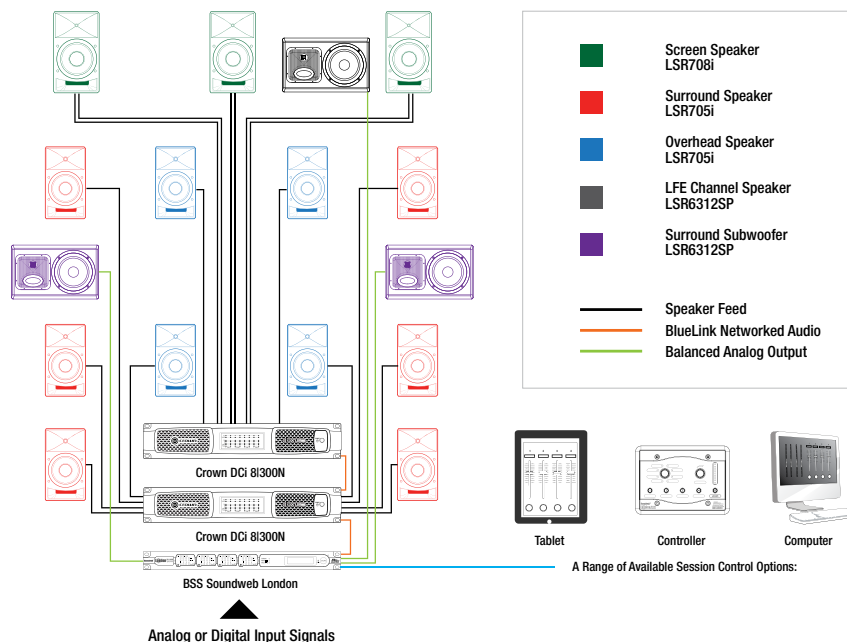### COMPACT, INSTALL FRIENDLY ENCLOSURES

- 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

**PRELIMINARY
PRODUCT INFORMATION**

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

■ (green)	Screen Speaker LSR708i
■ (red)	Surround Speaker LSR705i
■ (blue)	Overhead Speaker LSR705i
■ (gray)	LFE Channel Speaker LSR6312SP
■ (purple)	Surround Subwoofer LSR6312SP
—	Speaker Feed
—	BlueLink Networked Audio
—	Balanced Analog Output

Crown DCi 8|300N
Crown DCi 8|300N
BSS Soundweb London
Analog or Digital Input Signals

Tablet Controller Computer
A Range of Available Session Control Options:

AMPLIFICATION:

We removed all but the essential components from speaker. The system leverages the superb performance and high density of eight channel Crown CT8150 and DCi8300N amps to:

- Reduce speaker system size and weight.
- Eliminate the need to provide electric power at each speaker location.
- Reduce system complexity. Blue link networked audio in the DCi N amps simplifies installation and reduces opportunity for system noise.
- LSR705i and LSR708i Dividing Network can be bypassed for bi-amplified operation.

SIGNAL PROCESSING AND CONTROL:

- Speakers are Centrally Processed using BSS Soundweb London Signal Processors.
- The BSS London allows perfectly matched tunings for the LSR708i and LSR705i models.
- Available Room tuning filters provide a more consistent listening experience in a range of post production and broadcast rooms.
- Inputs to the system can be analog or digital.
- Session functions such as level, individual speaker solo, fold down and more can be centrally controlled via BSS hardware, Audio Architect Software, or tablet via a wireless router.
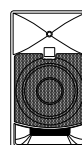
SPECIFICATION   PRELIMINARY

	LSR705i	**LSR708i**
Frequency Response:	-1.5 @ 48 Hz – 23 kHz	-1.5 @ 45 Hz – 23 kHz
Frequency Range :	39 Hz – 36 kHz	35 Hz – 36 kHz
Max SPL :	(80 Hz - 20 kHz) >101 dB SPL / 1m	(80 Hz - 20 kHz) >108 dB SPL / 1m
Maximum Peak SPL:	(80 Hz - 20 kHz) >107 dB SPL / 1m	(80 Hz - 20 kHz) >114 dB SPL / 1m
HF Driver:	2409 H	2409 H
LF Driver:	725 G	728 G
Dividing Network Transition Frequency:	1.9 kHz	1.7 kHz
Input Types :	Phoenix Terminals accept 12 gauge speaker wire	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 206 mm)	(H x W x D): 17.25 x 9.75 x 11.5 in (438 x 248 x 292 mm)
Weight Each:	9.0 lb (4.08 kg)	25.2 lb (11.5 kg)
Enclosure:	Birch plywood reinforced for mounting	Birch plywood reinforced for mounting
Mounting:	Top, bottom and rear mounting points. 2-hole mounting pattern	Top, bottom and rear mounting points. 4-hole mounting pattern

Learn more at jblpro.com/7series