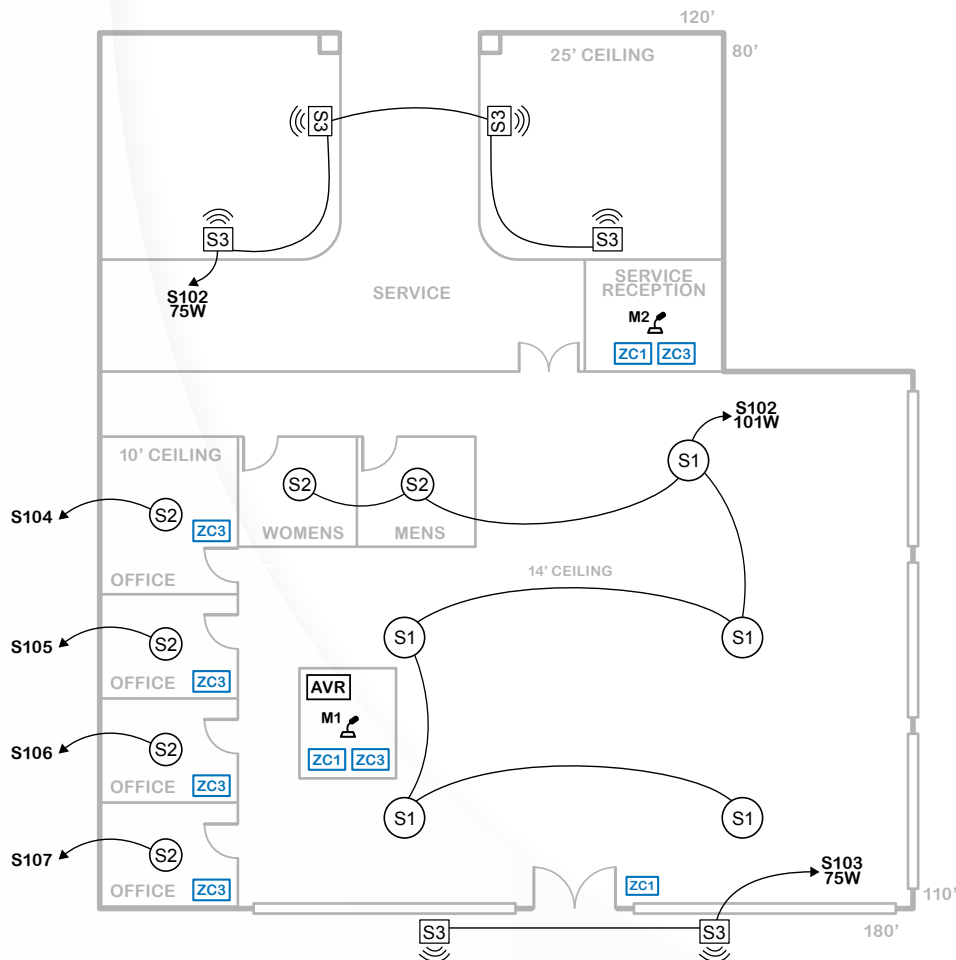


Commercial Audio

AUTO DEALERSHIP

This 26000 sq ft facility is comprised of four program zones. The showroom zone has background music and paging functionality with EQ for the JBL control 40 sub/sat system providing a frequency response from 32Hz to 20kHz with maximum continuous average SPL of 84.4 dB. The outdoor zone also has background music and paging functionality where most pages will come from the reception microphone. The offices and bathrooms are one zone with music and paging. Each room has its own wall-mounted volume controller. Finally the service area is a paging only zone where most pages come from the service microphone. EQ and paging priorities are set from the DBX ZonePro 641 while power is provided by the Crown CT8150 multichannel amplifier.



RACK DESCRIPTION

Source Components

Dealerships can have many sources, but the primary media source will be to provide background music for the showroom and lot areas. Paging microphones are commonly used in the showroom reception area and service reception area. Phone systems can also output pages and integrate similarly as a paging mic would

Signal Processing & Routing

The DBX ZonePro 641 provides both input processing and output processing and signal routing functionality. The showroom, outdoor lot, and office zones have both paging and music routed with priority given to the paging mics. The service bay is a paging only zone. The showroom reception mic is given priority over the service reception mic.

Amplification

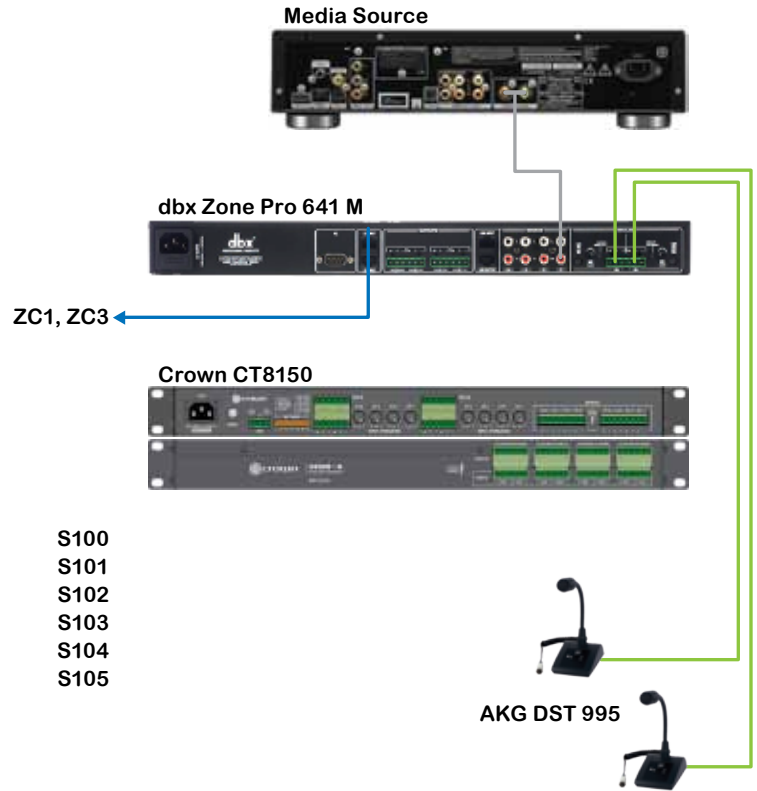
The outputs zones are powered by the Crown CT8150 amplifier. WXFMR8 Transformer Kit.

System Loudspeakers

The showroom zones uses the JBL Control 47 C/T system for full range frequency response providing this zone with the highest quality of sound in the facility. The offices and bathrooms employ the JBL 8128 8" ceiling speakers for cost effectiveness and a wide dispersion pattern. The service bay used the JBL Control 25T surface speakers.

Accessories

Three DBX ZC-1s are used for remote volume control at each reception desk and near the door for the outdoor lot. DBX -ZC3s are used at each reception desk to provide paging zone selection.



EQUIPMENT LIST

(S1)	5	JBL	Control 47 C/T	
(S2)	6	JBL	Control 8128*	
(S3)	6	JBL	Control 25T	
ZC1	3	dbx	ZC-1	
ZC3	2	dbx	ZC-3	
M1, M2	2	AKG	DST 99S	
	1	dbx	ZonePro 641	
	1	Crown	CT 8150	
	1		XMFR 8	

For More Information on

Distributed Speaker Systems: See section 1.3.6 of the Crown Amplifier Application Guide (<http://www.crownaudio.com/pdf/133472.pdf>)

Input Wiring: See section 1.2 of the Crown Amplifier Application Guide.

System Gain Structure: See section 1.6 of the Crown Amplifier Application Guide.

ZonePRO Designer Software: (<ftp://ftp.dbxpro.com/pub/PDFs/App%20Guides/ZonePro%20App%20Guide.pdf>) or go to www.dbxpro.com

HARMAN

