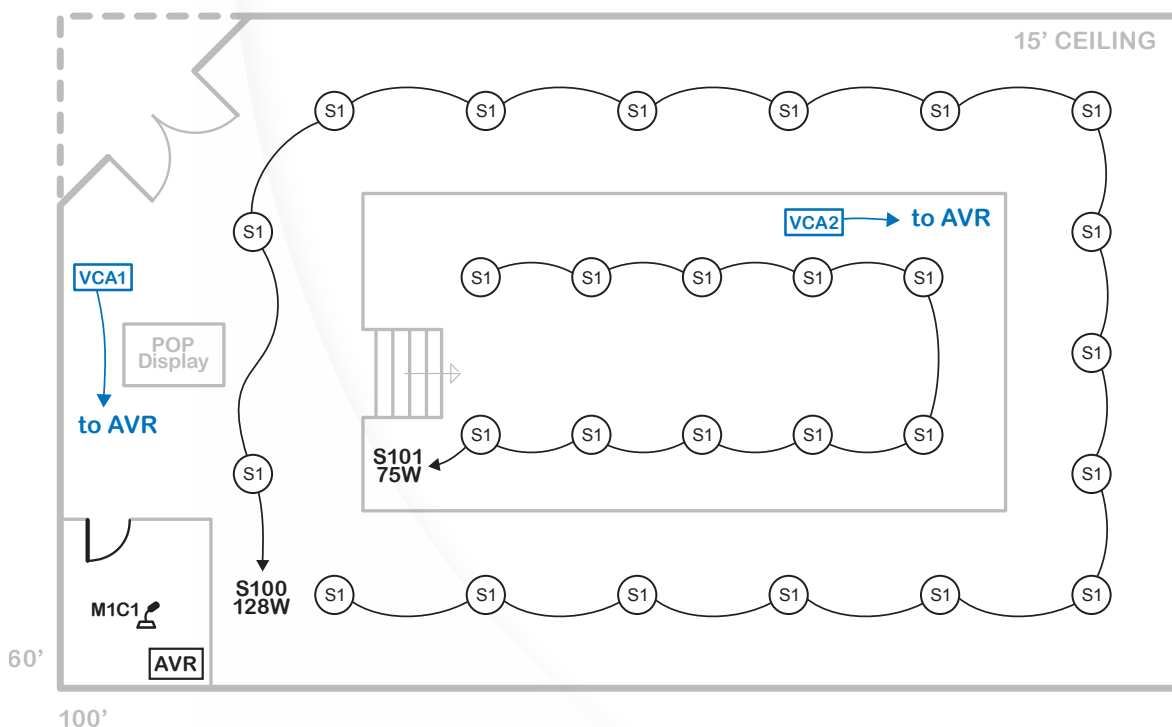# Commercial Audio

RETAIL STORE

This 16,000 sq ft facility is comprised of two program and volume control zones. This system uses a 2-zone mixer to provide different program material for each retail zone while providing priority paging from one microphone over both zones. This system can provide average SPL levels of 85.3 dB and a frequency response between 70Hz and 20kHz. Simple bass and treble controls on the 28M provide for basic EQ functionality.

15' CEILING

VCA2 → to AVR

VCA1

POP Display

to AVR

S101 75W

S100 128W

M1C1

AVR

60'

100'

RACK DESCRIPTION

Source Components

This system uses two media sources. A source to provide background music could be provided by a content provider or through a commercial satellite radio account. Two output channels from the source are used to provide different media in each program zone. An AKG DST 99S microphone is also used for paging.

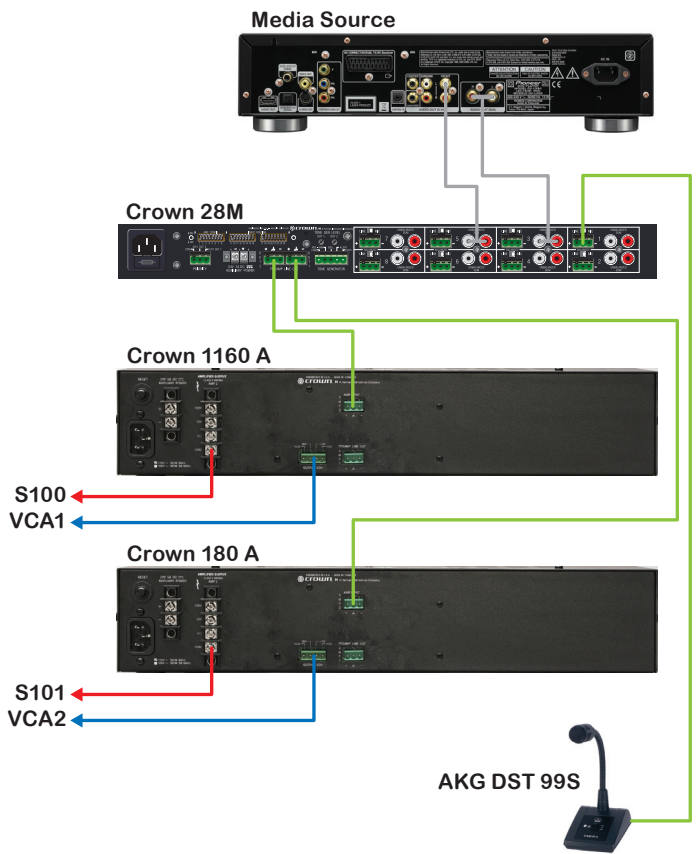### Signal Processing & Routing

The Crown 28M, 2-zone mixer, provides simple bass & treble control for each input. The 28M also routes the background music and paging to both zones while sets priority to the paging microphone to duck or mute the music when paging is active. Simple bass & treble controls on each amplifier provide basic output EQ.

Amplification

The larger program zone uses the Crown 1160A, which provides 160W for this single zone. A Crown 180A provides power for the inner program zone. System LoudspeakersIn both zones, JBL Control 26CT 6" ceiling speakers are used tapped at 7.5W. This system provides a full range frequency response in both zones and is capable of deliver up to 85 dB.

Accessories

Crown VCAP-1s are used for each zone to provide remote volume control.

Media Source

Crown 28M

Crown 1160 A

S100
VCA1

Crown 180 A

S101
VCA2

AKG DST 99S

EQUIPMENT LIST

S1	27	JBL	Control 26CT	
AVR	1	Crown	28M	
AVR	1	Crown	1160A	
AVR	1	Crown	180A	
VCA	2	Crown	VCAP	
M1C1	1	AKG	DST 99S	

For More Information on

HARMAN

AKG   crown   dbx   JBL PROFESSIONAL