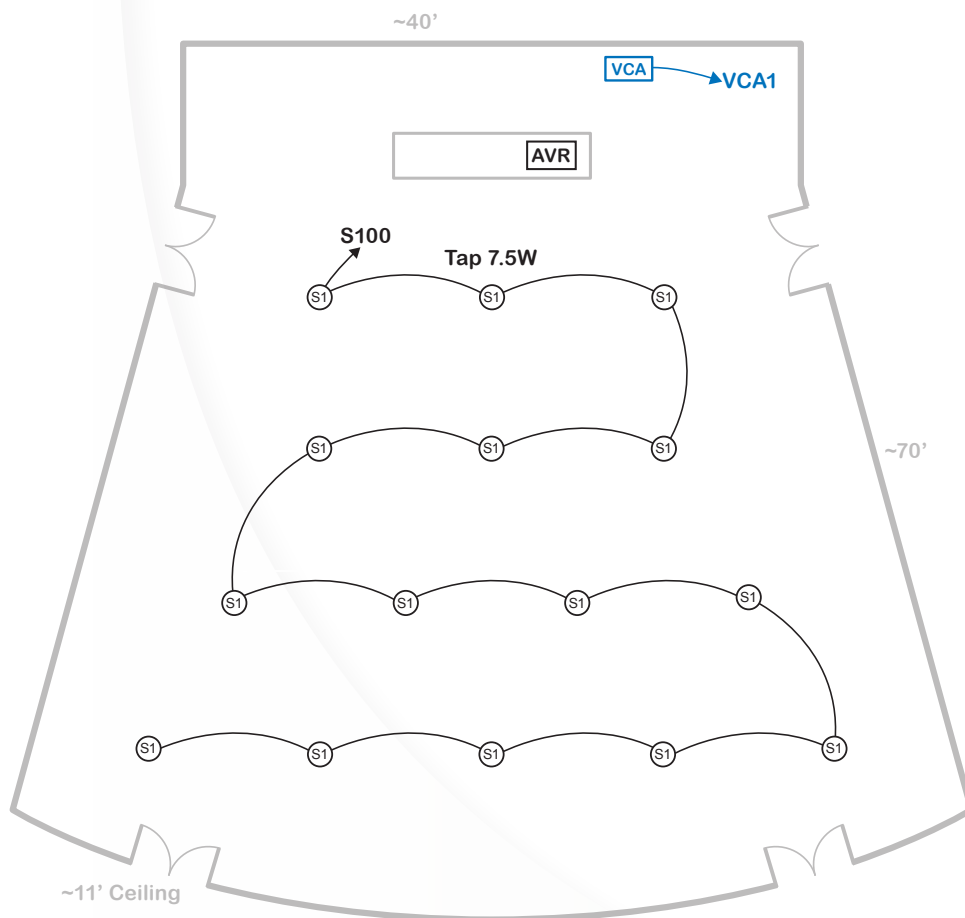


Commercial Audio

SMALL LECTURE HALL

This 2,800 sq ft lecture hall is a single program zone system using a rackmount computer and DVD player for media content. The Crown mixer amplifier allows the instructor to mix voice with media using the AKG WMS MINI wireless microphone system. This system uses the JBL Control 24CT Micro ceiling speakers for a frequency response of 85Hz to 25kHz up to 86.5 dB.



RACK DESCRIPTION

Source Components

This lecture hall uses a DVD/VHS player along with a rack mount computer to provide media content. The AKG WMS 40 MINI system provides public address for the instructor.

Signal Processing & Routing

The Crown 1160MA provides simple bass & treble controls for input and output EQ. The 1160MA allows the instructor to mix his voice with the media content or amplifier either source independently through the front panel control.

Amplification

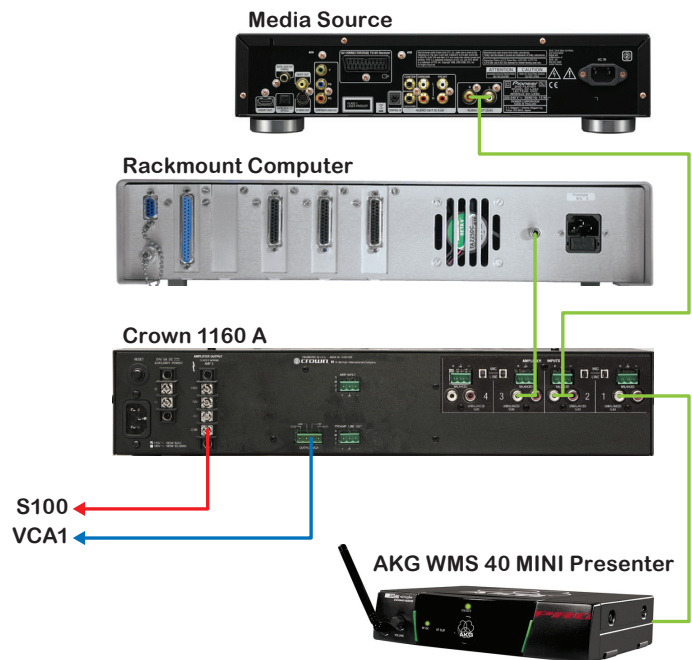
The Crown 1160MA mixer amplifier provides 160 watts through the 70V output tap for an output capability of 86dB.

System Loudspeakers





Due to the relatively low 11ft ceiling the JBL Control 24CT is used for its wide dispersion angle. Low frequency response in this application is rarely needed. Speakers would need to be tapped at 7.5W.

Accessories

Once Crown VCAP-1 is used for remote volume control, which would often be placed near a whiteboard.



EQUIPMENT LIST

(S1)	15	JBL	Control 24CT	
VCA	1	Crown	VCAP	
AVR	1	Crown	1160MA	
AVR	1	AKG	WMS 40 MINI	

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

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