

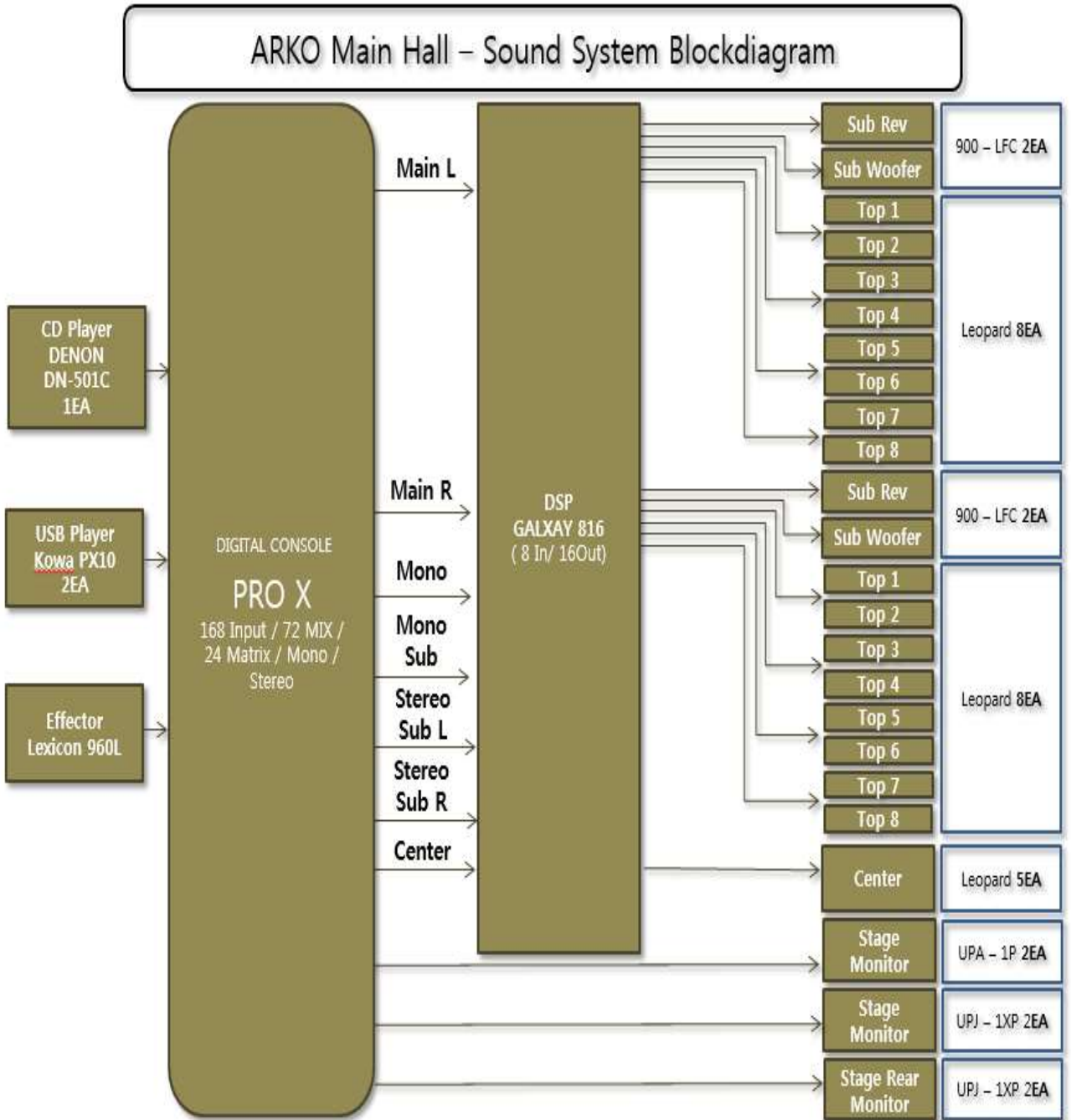
# ARKO Arts Theater

## Main Hall

### 3. Sound

1. Sound System Blockdiagram
2. Sound Equipment
3. Speakers Position & Direction
4. Control Booth

# 1. Sound Blockdiagram



## 2. Sound Equipment

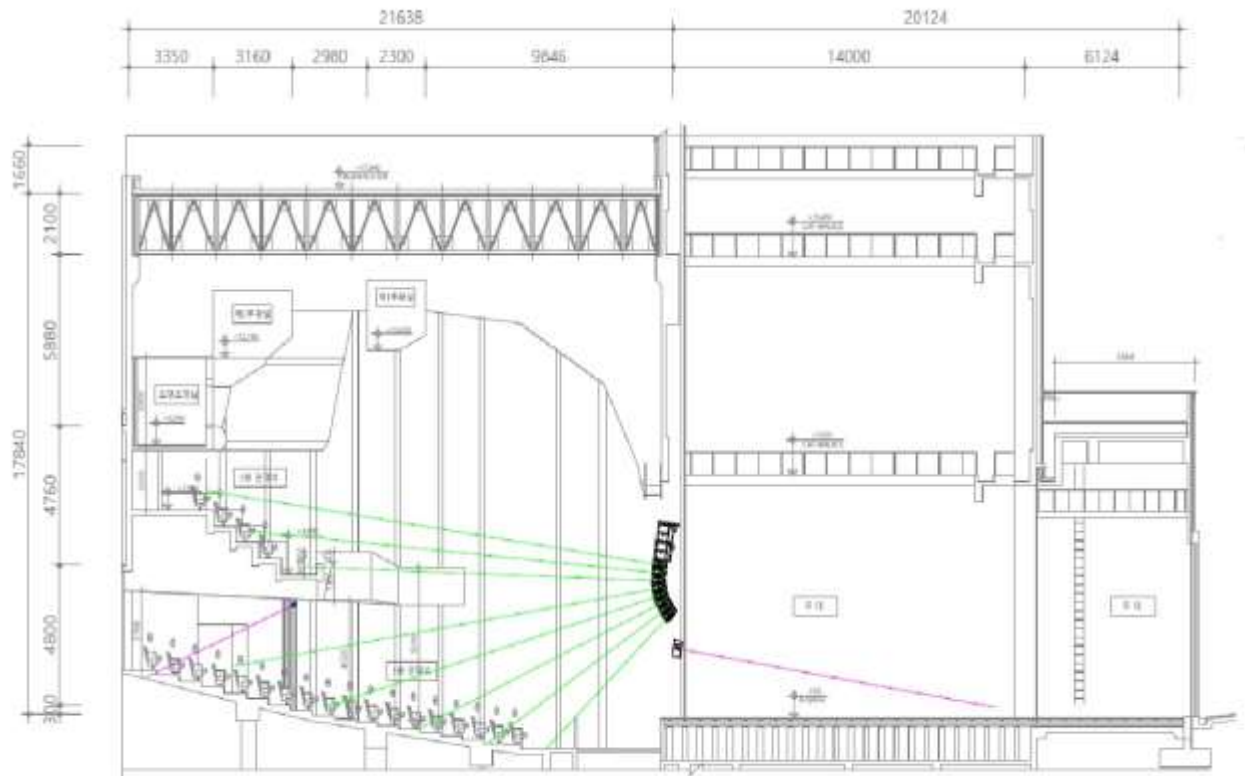
Sound Equipment List of the ARKO Main hall

Item	Model	Specification	Quantity	Remark
<b>AUDIO MIXING CONSOLE</b>				
Console	MIDAS PRO X Digital Mixing Console	168ch Mono In 72Mix/24Matrix Out	1EA	Main Console
I/O	PRO X Surface	Analog 8 Out AES/EBU 8 In 8 Out	1EA	
	MIDAS DL451	Analog 16 Mono In Analog 8 Out	1EA	
	MIDAS DL351	24 Mono In 24 Out AES/EBU 8 In 8 Out	1EA	
	MIDAS DL351	64 Mono In	1EA	
<b>EFFECTS / OUT BOARD EQUIPMENTS</b>				
Speaker Management System	Meyersound GALAXY 816	8 In 16 Out	1EA	
Graphic EQ Controller	Klark Teknik DN9331	31 Band Motorize Fader	1EA	
FOH Network Bridge	Klark Teknik DN9650	AES50 / XT-Dante64 card	1EA	
FOH Master Clock Generator	Antelope OCXHD	768kHz	1EA	
FOH Plug-in System DSP Core	DiGi Grid DLS		1EA	
Plug-in System I/O	DiGi Grid MGB		1EA	
Multi Effect Processor	Lexicon 960L	Analog 8 In 8 Out AES/EBU 4 In 4 Out	1EA	
<b>REPRODUCTION DEVICES / RECORDER / EDITOR</b>				
CD Player	DENON DN-501C	MP3/WAVE	1EA	Single
MD Player	DENON M991R		2EA	Single
USB Player	Kowa PX10	USB/CF Card	2EA	Single
<b>SPEAKER SYSTEM</b>				
Main Speaker System	Meyersound Leopard	LF : Two 9-inch long-exursion cone drivers HF : One 3-inch compression driver	16EA	Main
	Meyersound 900-LFC	One 18-inch dual-coil, long-exursion cone driver	4EA	Sub Woofer
	Meyersound Leopard	LF : Two 9-inch long-exursion cone drivers HF : One 3-inch compression driver	5EA	Center
	Meyersound UPM-1XP	Horizontal 100 degrees x Vertical 100 degrees LF : Two 5-inch cone drivers HF : One 1-inch metal dome tweeter	4EA	Under Balcony
	Meyersound UP.Junior	Horizontal 80 degrees x Vertical 50 degrees LF : One 8" cone driver with neodymium magnet HF : One 2" compression driver	8EA	1F Side wall
	Meyersound UP.Junior	Horizontal 80 degrees x Vertical 50 degrees LF : One 8" cone driver with neodymium magnet HF : One 2" compression driver	4EA	2F Side wall
Monitor Speaker System	Meyersound UPA-1P	Horizontal 100 degrees x Vertical 40 degrees 8" LF (100W RMS) 1" HF (15W RMS)	2EA	Stage Monitor (Fixed)
	Meyersound UPJ-1XP	80 x 50 degrees or 50 x 80 degrees(rotatable horn) LF : One 10-inch cone driver HF : One 3-inch diaphragm compression driver	4EA	Stage Monitor (Fixed)
	Meyersound MJF-212A	50 degree symmetrical LF : Two high-power 12" cone drivers with neodymium magnets HF : 4" compression driver	2EA	Wedge
	Meyersound MJF-210	Horizontal 50 degrees x Vertical 70 degrees LF : Two high-power 10-inch cone drivers HF : One 4-inch diaphragm compression driver	4EA	Wedge
	RCF NX12-SMA	80° x 80° constant directivity horn 12" High power neodymium woofer, 2.5" voice coil	2EA	with Stand
	RCF NX10-SMA	60° x 60° constant directivity horn 10" High power neodymium woofer, 2.5" voice coil	2EA	with Stand
<b>INTERCOM SYSTEM</b>				
Wired System	TELEX		6EA	
Wireless System	HME	2.4GHz	8EA	
<b>WIRELESS MICROPHONES</b>				
W/L Receiver	Sennheiser-EM1046	Receiver Module 8ch	1EA	Fixed
W/L Handheld Transmitter	Sennheiser-SKM5200		4EA	Fixed
W/L Bodypack Transmitter	Sennheiser-SK5212 II		4EA	Fixed

## List of Microphone / Microphone Stand / DI Box (Common Using)

WIRED MICROPHONES				
Microphone	Shure-Beta91A	Condenser	1EA	
	Shure-Beta98H/C	Condenser	2EA	
	Shure-Beta57A	Dynamic	10EA	
	Shure-Beta58A	Dynamic	10EA	
	Shure-SM57	Dynamic	10EA	
	Shure-SM58	Dynamic	20EA	
	Shure-SM81	Condenser	3EA	
	AKG-C535EB	Condenser	5EA	
	AKG C451B	Condenser	2EA	
	AKG-C414(UL5)	Condenser	1EA	
	AKG-D112	Dynamic	2EA	
	Sennheiser-MD441	Dynamic	6EA	
	Sennheiser-MD421	Dynamic	4EA	
	Sennheiser-e902	Dynamic	1EA	
	Sennheiser-e904	Dynamic	4EA	
	Sennheiser-e604	Dynamic	5EA	
	Crown-PCC 160	Condenser	5EA	
	Earthworks-QTC1	Condenser	2EA	
	Rode-NT5 Stereo Pair	Condenser	1Pair	
	Rode-NT55	Condenser	2EA	
DPA-4099P Stereo Pair	Condenser	2Pair		
MICROPHONE STAND				
T-type	Proel	Long	10EA	Black
	Toto	Long	10EA	Black
	K&M	Long	5EA	Black
	Proel	Short	10EA	Black
	Toto	Short	10EA	Black
I-type	Proel	Long	5EA	Black
Gooseneck (Desk type)	Bando	Short	10EA	Black
DI Box				
DI Box	BSS AR-133	Mono	4EA	
	Radial Pro D2	Stereo	10EA	

### 3. Speakers Position & Direction



## 4. Control Booth

Conso  
le

Midas PROX



Remark	Fixed
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