



★강력한★
기밀입니다★
실제도에 청렴을 그린다
경기도교육청 공익제보 (031-240-0999)

(가칭)고덕9중 신축공사
설계용역

*NOTE.

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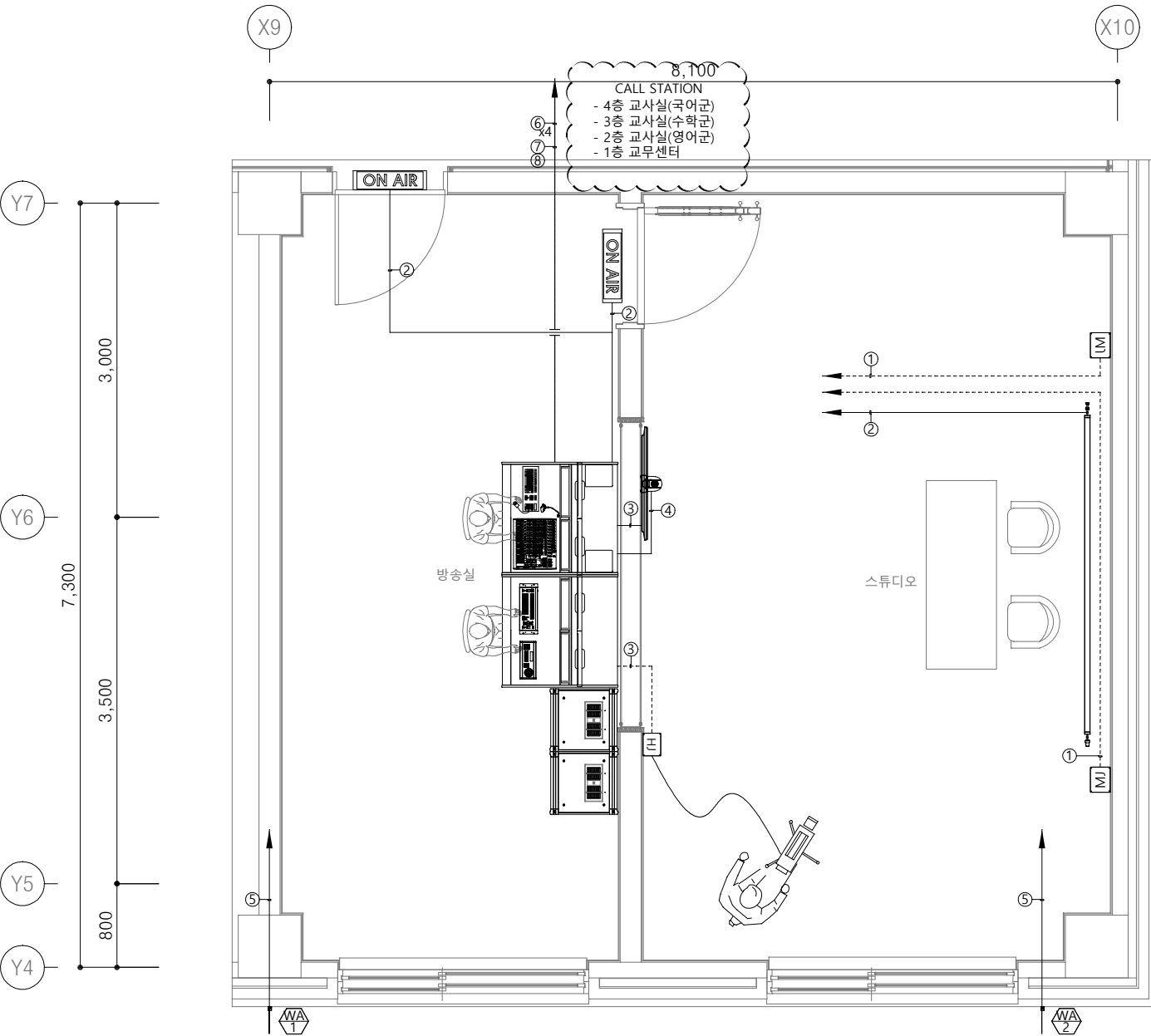
BAO
(주)동심원건축사사무소
TEL: (02)3452-0587 FAX: 02-3452-0588

구조	제영파트너스(주) TEL: (02)6365-2033
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조경	디자인라운드 TEL: (070)7006-2400
전기	삼원이엔지 TEL: (031)656-7018
통신 전기소방	한국전기 TEL: (070)8889-2542
기계 기계소방	사원이엔씨 TEL: (070)2508-0331

DRAWING TITLE

방송실 및 스튜디오
전관방송설비 평면도

DATE	2025. 04.	SCALE	A1 : 1/30 A3 : 1/60
APPROVED	김홍수	DRAWING NO	ET- 505
CHECKED	-	DRAWING	-



EQUIPMENT LIST

구 분	품 명	규 격	설치 형태	비 고
[MJ]	MIC JACK BOX	2CH	FLOOR	MJ 1-2
[HJ]	HDMI JACK PLATE	HDMI, AC	WALL	HJ 1
[W/L ANT]	W/L ANT	900MHz	CEILING	WL 1-2
[PTZ CAMERA]	PTZ CAMERA	HD	WALL	CA 1
[CAMCORDER CAMERA]	CAMCORDER CAMERA	UHD	STAND	CC 1
[스튜디오 MONITOR TV]	스튜디오 MONITOR TV	43"	FL:±500~1000mm	MO 1
[BLUE SCREEN]	BLUE SCREEN	150"	CEILING	BS 1
[ON AIR]	ON AIR LAMP	ON AIR	출입문 상단 설치	OA 1-2
----	바닥배관배선			
----	천정배관배선			

번 호	배관 배선	종 류	비 고
①	MW-3200 x 2 (16C)	MIC	MIC JACK BOX <-> CONSOLE RACK
②	FCV 1.5sq/3C x 1 (28C)	POWER/CONTROL	BLUE SCREEN, ON AIR <-> CONSOLE RACK
③	FCV 1.5sq/3C x 1 (28C)	POWER	TV, HDMI JACK <-> CONSOLE RACK
	HDMI x 1 (28C)	HDMI	
④	CAT.6 x 1 (16C)	UTP	PTZ CAMERA <-> CONSOLE RACK
	FCV 1.5sq/3C x 1 (28C)	POWER	
	HDMI x 1 (28C)	HDMI	
⑤	RG58 x 1 (16C)	ANTENNA	W/L ANTENNA <-> CONSOLE RACK
⑥	CAT.5E UTP CABLE x 1L (16C)	DATA + SIGNAL	CALL STATION <-> To. 각 실
⑦	F-FR3,2.5SQ/5C	전관방송 연동	전관방송 <-> 지상3층 다목적강당 AV RACK
	HFBT-7C x 1 (28C)	VIDEO LINE	
⑧	F-FR3,2.5SQ/5C	전관방송 연동	전관방송 <-> 지상1층 시청각실 AV RACK
	HFBT-7C x 1 (28C)	VIDEO LINE	

* 전원박스/판넬은 전기공사 시공분임.
* 배관배선은 통신공사분임.

방송실 및 스튜디오 전관방송설비 평면도

SCALE A1 : 1/30
A3 : 1/60

(주)한국전기설계감리기술단
TEL:02-3012-2600, E-mail:k1@kedspro.com
엔지니어링 진흥협회 신고 제E-06-000680호
경기도 수원시 팔달구 권광로 275-7, 3층(인계동)
정보처리부원(정보통신) 김 윤 섭
정보통신기사



강남은*
기쁜입니다*
***는**

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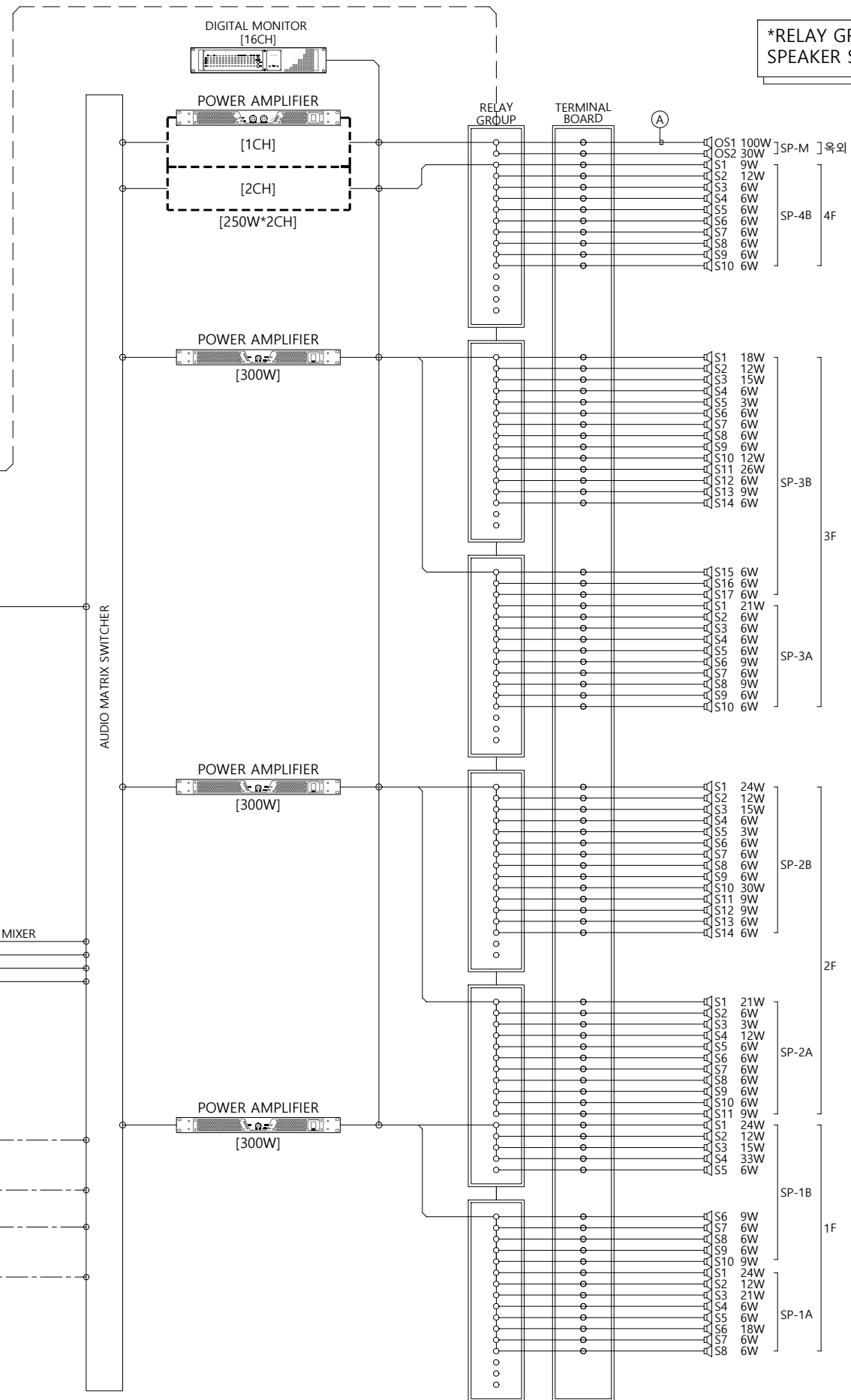
BAO
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전기소방	기계 TEL: (070)2508-0331

전관방송설비
BLOCK DIAGRAM

DATE	2025. 04.	SCALE	A1 : 1/NONE A3 : 1/NONE
APPROVED	김홍수	DRAWING NO	ET- 505
CHECKED	-		
DRAWING	-		

*RELAY GROUP : 선로단락보호 기능,
SPEAKER SELECTOR, 모니터링 기능

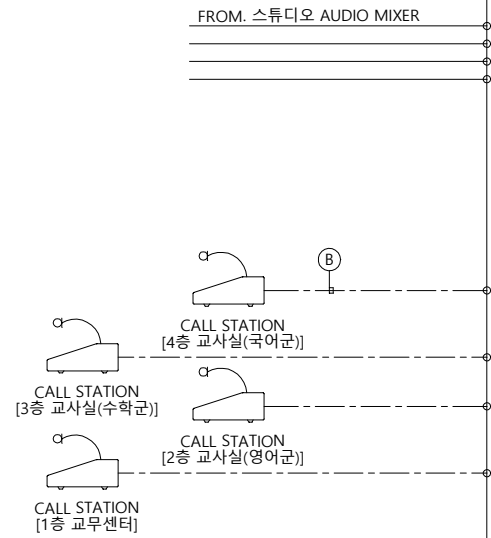
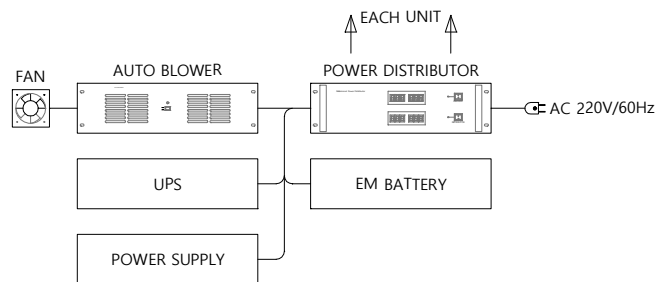
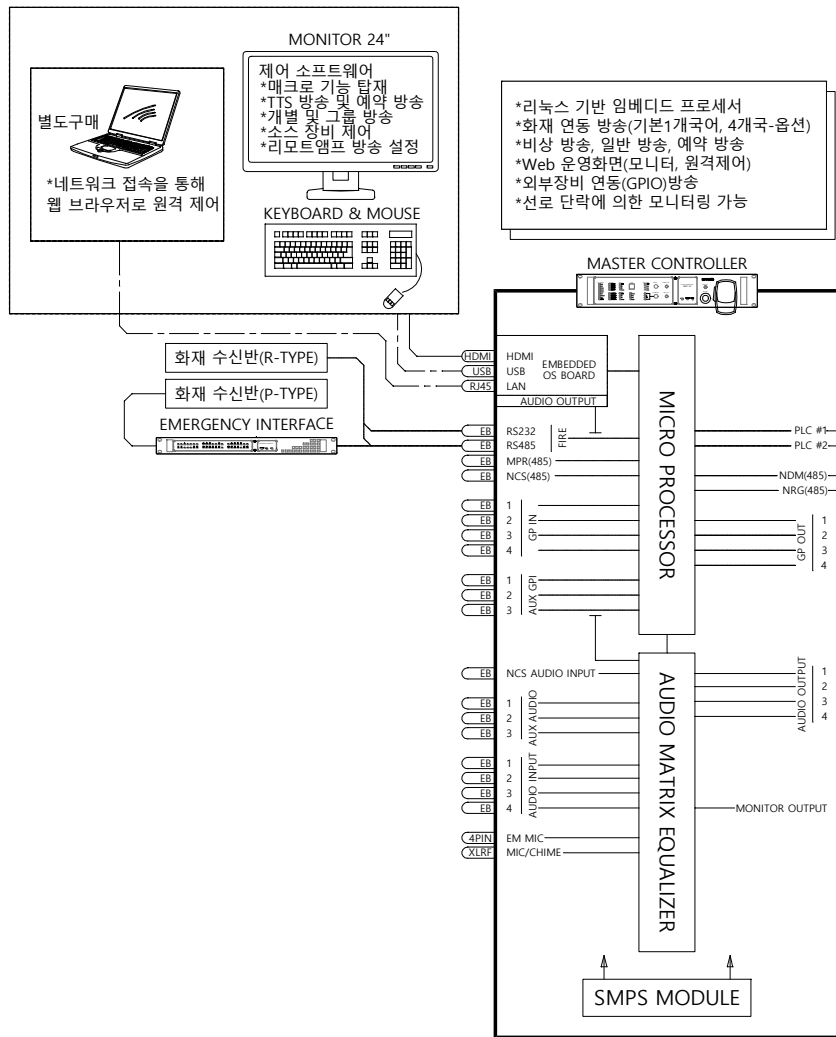


전관방송설비 BLOCK DIAGRAM

SCALE A1 : 1/NONE
A3 : 1/NONE

NOTE		*배선 권장사항
(A)	TFR-8 2.5mm ² 2C x 1Line	AMP SIGNAL LINE
(B)	CAT.5E UTP CABLE	DATA + SIGNAL LINE

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DRAWING TITLE

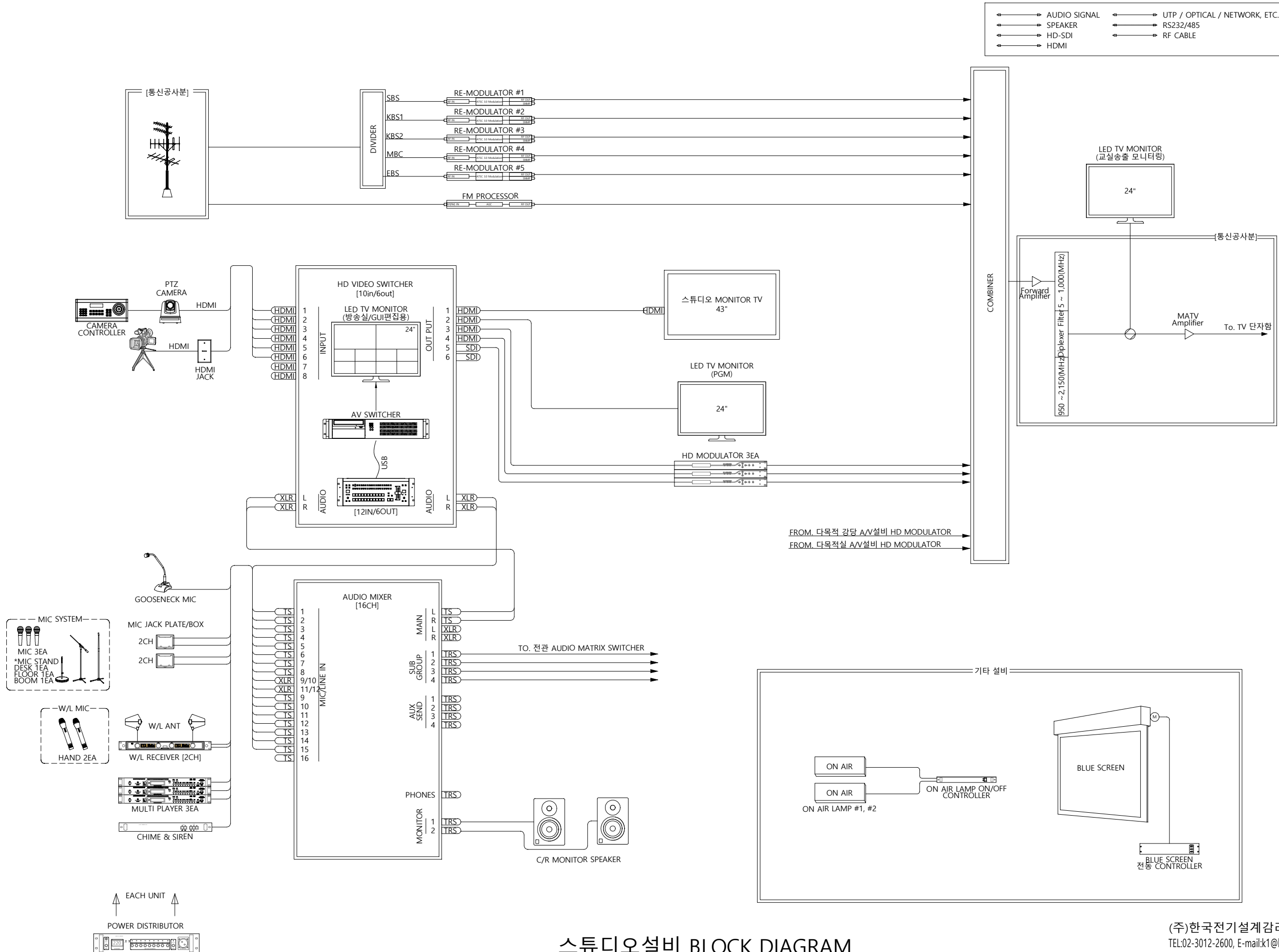
스튜디오설비
BLOCK DIAGRAM

DATE	2025.04.	SCALE	A1 : 1/NONE A3 : 1/NONE
APPROVED	김홍수	DRAWING NO	ET- 505
CHECKED	-	DRAWING	-

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정보통신기사

스튜디오설비 BLOCK DIAGRAM

SCALE A1 : 1/NONE
A3 : 1/NONE





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기계	사원이엔씨 TEL: (070)2508-0331
기계소방	

DRAWING TITLE

전관방송 및 스튜디오설비
RACK DETAIL

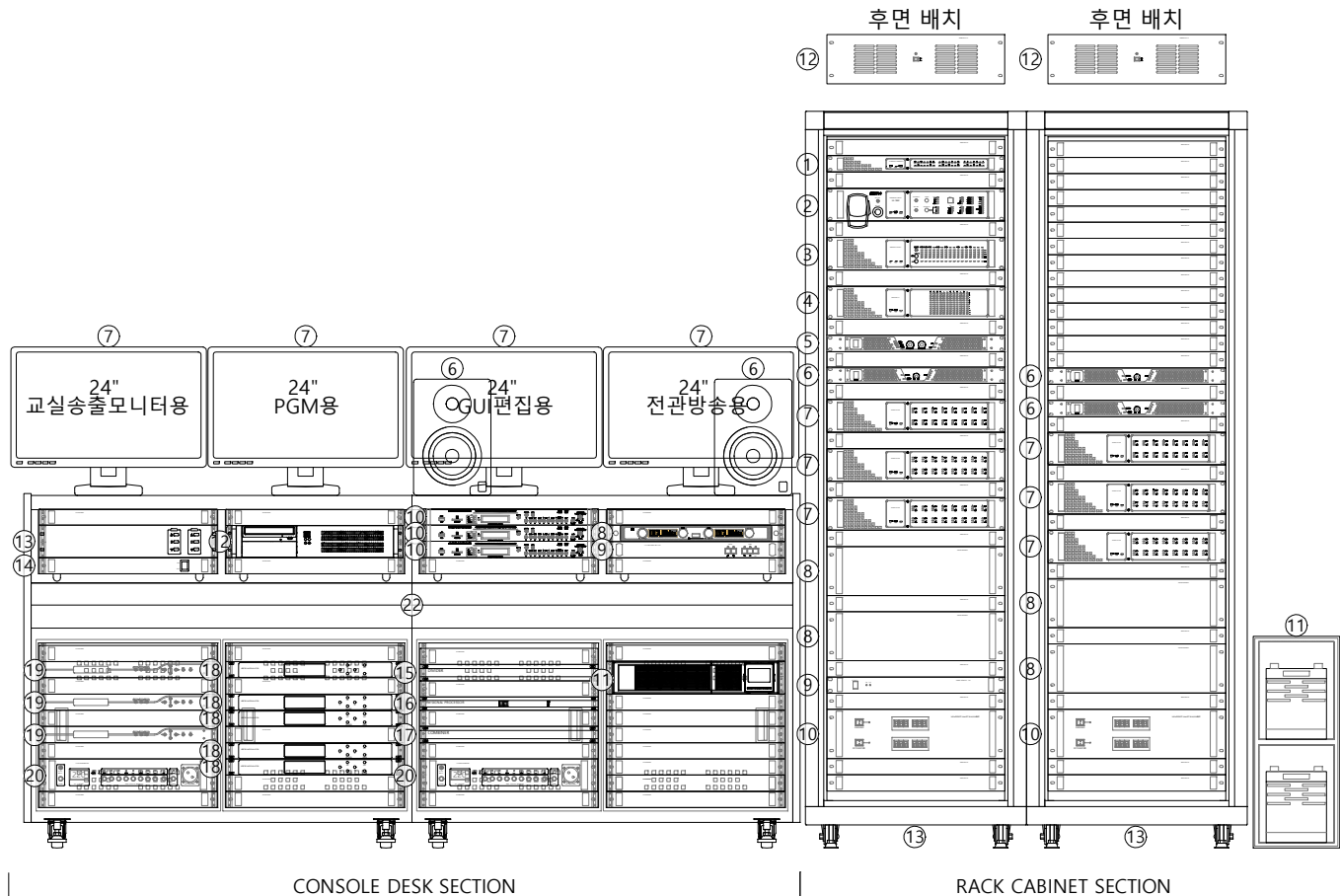
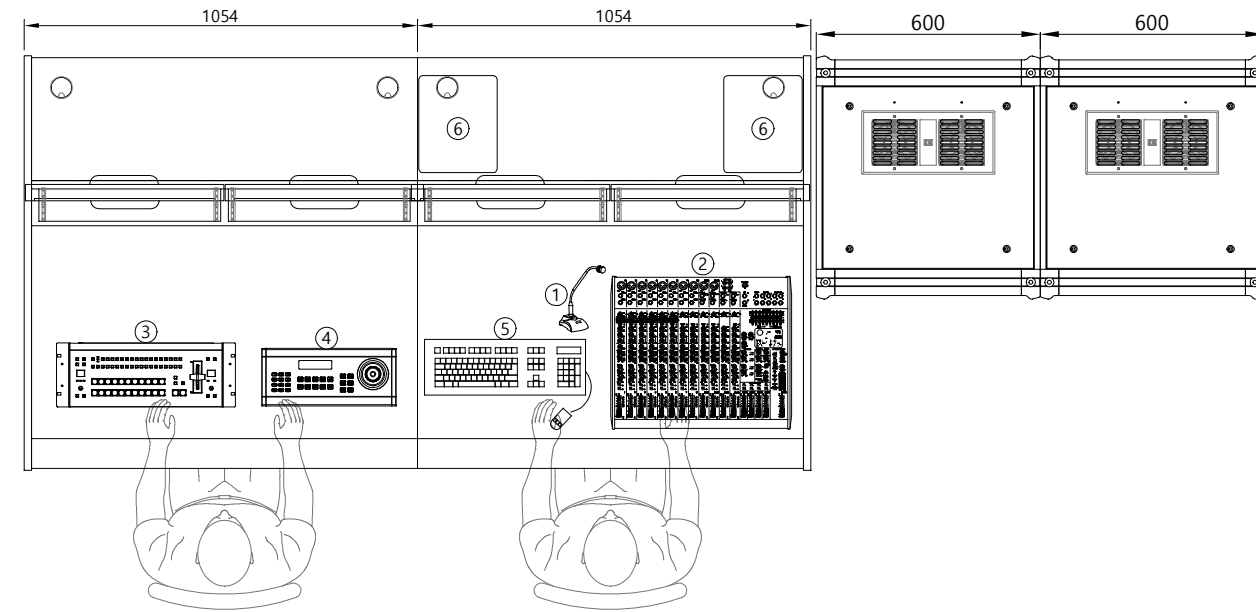
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APPROVED	김홍수	DRAWING NO	ET- 505
CHECKED	-		
DRAWING	-		

■ RACK CABINET SECTION

NO	DESCRIPTION	Q'TY	REMARK
1	EMERGENCY INTERFACE	1	42POINT
2	MASTER CONTROLLER	1	CONTROL
3	DIGITAL MONITOR	1	16CH
4	AUDIO MATRIX	1	12IN 12OUT
5	POWER AMPLIFIER	1	250W (2CH)
6	POWER AMPLIFIER	3	300W
7	RELAY GROUP	6	16CH
8	TERMINAL BOARD	4	80CCT
9	POWER SUPPLY	1	DC
10	POWER DISTRIBUTOR	2	AC220V, DC24V
11	EM BATTERY & BATTERY CASE	1	12V / 100AH
12	AUTO BLOWER	2	AUTO
13	RACK CABINET	2	19"
-	BLANK PANEL	38	1U

■ CONSOLE DESK SECTION

NO	DESCRIPTION	Q'TY	REMARK
1	GOOSENECK MIC	1	GOOSENECK
2	AUDIO MIXER	1	16CH
3	HD VIDEO SWITCHER CONTROL PANEL	1	CONTROL
4	CAMERA CONTROLLER	1	CONTROL
5	KEYBOARD & MOUSE [전관방송]	1	DESK
6	C/R MONITOR SPEAKER	2	POWERED
7	LED MONITOR	4	24"
8	W/L RECEIVER [2CH]	1	900MHz
9	CHIME & SIREN	1	4음계
10	MULTI PLAYER	3	CD/USB/SD
11	UPS	1	1kVA
12	HD VIDEO SWITCHER	1	10in/6out
13	전통 CONTROLLER	1	2CCT
14	ON AIR CONTROLLER	1	ON/OFF
15	DIVIDER	1	8PORT
16	FM PROCESSOR	1	RF
17	COMBINER	1	12PORT
18	RE-MODULATOR	5	8VSB
19	HD MODULATOR	3	HD
20	POWER DISTRIBUTOR	2	8CH
21	CONSOLE DESK	4	1BAY
-	BLANK PANEL	30	1U



전관방송 및 스튜디오설비 RACK DETAIL

SCALE A1 : 1/NONE
A3 : 1/NONE

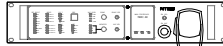
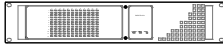
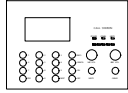
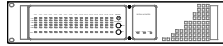
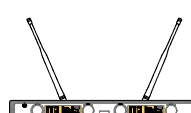
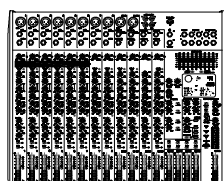
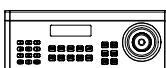
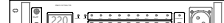
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*NOTE.

  * Specifications <table><tr><td>COMMUNICATION</td><td>RS-485(x1), Link(x1), 9600bps</td></tr><tr><td>제어 범위</td><td>접점 IN(x42)</td></tr><tr><td>AMP OUTPUT MONITOR</td><td>내부 Monitor Speaker(x1)</td></tr><tr><td>사 용 전 원 / 소 비 전 력</td><td>DC 24V / 1A</td></tr><tr><td>DIMENSION</td><td>483(W) x 44(H) x 359(D)mm</td></tr></table>	COMMUNICATION	RS-485(x1), Link(x1), 9600bps	제어 범위	접점 IN(x42)	AMP OUTPUT MONITOR	내부 Monitor Speaker(x1)	사 용 전 원 / 소 비 전 력	DC 24V / 1A	DIMENSION	483(W) x 44(H) x 359(D)mm	 * Specifications <table><tr><td>LAN PORT</td><td>100BASE-TX 1PORT</td></tr><tr><td>USB</td><td>4PORT</td></tr><tr><td>AUDIO INPUT</td><td>AUX x3, AUDIO IN(x4, TRIM x4), EM MIC x1</td></tr><tr><td>AUDIO OUTPUT</td><td>AUDIO OUT(x4), MONITOR(x1)</td></tr><tr><td>COMMUNICATION</td><td>PLC x2, DC24V, RS-485(x5), 9600bps</td></tr><tr><td>접점(GPIO)</td><td>AUX 전용 x3, GPIN x4, GPOUT x4</td></tr><tr><td>POWER</td><td>DC24V, 2A</td></tr><tr><td>소비전력</td><td>48W</td></tr><tr><td>DIMENSION</td><td>483(W) x 88(H) x 359(D)mm 2H (With Bracket)</td></tr></table>	LAN PORT	100BASE-TX 1PORT	USB	4PORT	AUDIO INPUT	AUX x3, AUDIO IN(x4, TRIM x4), EM MIC x1	AUDIO OUTPUT	AUDIO OUT(x4), MONITOR(x1)	COMMUNICATION	PLC x2, DC24V, RS-485(x5), 9600bps	접점(GPIO)	AUX 전용 x3, GPIN x4, GPOUT x4	POWER	DC24V, 2A	소비전력	48W	DIMENSION	483(W) x 88(H) x 359(D)mm 2H (With Bracket)	 * Specifications <table><tr><td>AUDIO INPUT</td><td>12CH</td></tr><tr><td>AUDIO OUTPUT</td><td>12CH (장비당, 최대 3대 연결 가능)</td></tr><tr><td>POWER</td><td>DC 24V</td></tr><tr><td>DIMENSION</td><td>483(W) x 44(H) x 359(D)mm</td></tr></table>	AUDIO INPUT	12CH	AUDIO OUTPUT	12CH (장비당, 최대 3대 연결 가능)	POWER	DC 24V	DIMENSION	483(W) x 44(H) x 359(D)mm	  * Specifications <table><tr><td>DISPLAY</td><td>Graphic LCD, 상태 LED(5단계 레벨, 통신, 전원)</td></tr><tr><td>COMMUNICATION</td><td>RS-485(x1), 9600bps</td></tr><tr><td>AUDIO INPUT</td><td>MIC(x1) / CHIME(x1)</td></tr><tr><td>AUDIO OUTPUT</td><td>AUDIO OUT(x1), AUDIO MONITOR OUT(x1)</td></tr><tr><td>POWER</td><td>DC5V, 2A, Adapter</td></tr><tr><td>DIMENSION</td><td>193(W) x 70(H) x 189(D)mm</td></tr></table>	DISPLAY	Graphic LCD, 상태 LED(5단계 레벨, 통신, 전원)	COMMUNICATION	RS-485(x1), 9600bps	AUDIO INPUT	MIC(x1) / CHIME(x1)	AUDIO OUTPUT	AUDIO OUT(x1), AUDIO MONITOR OUT(x1)	POWER	DC5V, 2A, Adapter	DIMENSION	193(W) x 70(H) x 189(D)mm	 * Specifications <table><tr><td>COMMUNICATION</td><td>RS-485(x2), RJ45 Type, 9600bps</td></tr><tr><td>AMP INPUT</td><td>AMP IN(x16)</td></tr><tr><td>AMP OUTPUT MONITOR</td><td>내부 MONITOR SPEAKER(x1)</td></tr><tr><td>POWER</td><td>DC 24V / 1A</td></tr><tr><td>DIMENSION</td><td>483(W) x 88(H) x 359(D) mm</td></tr></table>	COMMUNICATION	RS-485(x2), RJ45 Type, 9600bps	AMP INPUT	AMP IN(x16)	AMP OUTPUT MONITOR	내부 MONITOR SPEAKER(x1)	POWER	DC 24V / 1A	DIMENSION	483(W) x 88(H) x 359(D) mm	  * Specifications <table><tr><td>주파수특성</td><td>20Hz ~ 20kHz</td></tr><tr><td>신호대잡음비</td><td>100dB 이상</td></tr><tr><td>정격출력</td><td>2 X 250W</td></tr><tr><td>출력 임피던스</td><td>20Ω/70V, 40Ω/100V</td></tr><tr><td>사용전원 / 소비전력</td><td>AC220~240W(50/60Hz), DC 24V / 600W</td></tr><tr><td>외형규격</td><td>483(W) x 44(H) x 340(D)mm</td></tr></table>	주파수특성	20Hz ~ 20kHz	신호대잡음비	100dB 이상	정격출력	2 X 250W	출력 임피던스	20Ω/70V, 40Ω/100V	사용전원 / 소비전력	AC220~240W(50/60Hz), DC 24V / 600W	외형규격	483(W) x 44(H) x 340(D)mm
COMMUNICATION	RS-485(x1), Link(x1), 9600bps																																																																										
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사 용 전 원 / 소 비 전 력	DC 24V / 1A																																																																										
DIMENSION	483(W) x 44(H) x 359(D)mm																																																																										
LAN PORT	100BASE-TX 1PORT																																																																										
USB	4PORT																																																																										
AUDIO INPUT	AUX x3, AUDIO IN(x4, TRIM x4), EM MIC x1																																																																										
AUDIO OUTPUT	AUDIO OUT(x4), MONITOR(x1)																																																																										
COMMUNICATION	PLC x2, DC24V, RS-485(x5), 9600bps																																																																										
접점(GPIO)	AUX 전용 x3, GPIN x4, GPOUT x4																																																																										
POWER	DC24V, 2A																																																																										
소비전력	48W																																																																										
DIMENSION	483(W) x 88(H) x 359(D)mm 2H (With Bracket)																																																																										
AUDIO INPUT	12CH																																																																										
AUDIO OUTPUT	12CH (장비당, 최대 3대 연결 가능)																																																																										
POWER	DC 24V																																																																										
DIMENSION	483(W) x 44(H) x 359(D)mm																																																																										
DISPLAY	Graphic LCD, 상태 LED(5단계 레벨, 통신, 전원)																																																																										
COMMUNICATION	RS-485(x1), 9600bps																																																																										
AUDIO INPUT	MIC(x1) / CHIME(x1)																																																																										
AUDIO OUTPUT	AUDIO OUT(x1), AUDIO MONITOR OUT(x1)																																																																										
POWER	DC5V, 2A, Adapter																																																																										
DIMENSION	193(W) x 70(H) x 189(D)mm																																																																										
COMMUNICATION	RS-485(x2), RJ45 Type, 9600bps																																																																										
AMP INPUT	AMP IN(x16)																																																																										
AMP OUTPUT MONITOR	내부 MONITOR SPEAKER(x1)																																																																										
POWER	DC 24V / 1A																																																																										
DIMENSION	483(W) x 88(H) x 359(D) mm																																																																										
주파수특성	20Hz ~ 20kHz																																																																										
신호대잡음비	100dB 이상																																																																										
정격출력	2 X 250W																																																																										
출력 임피던스	20Ω/70V, 40Ω/100V																																																																										
사용전원 / 소비전력	AC220~240W(50/60Hz), DC 24V / 600W																																																																										
외형규격	483(W) x 44(H) x 340(D)mm																																																																										
EMERGENCY INTERFACE	MASTER CONTROLLER	AUDIO MATRIX SWITCHER	CALL STATION	DIGITAL MONITOR	POWER AMPLIFIER																																																																						
  * Specifications <table><tr><td>주파수특성</td><td>20Hz ~ 20kHz</td></tr><tr><td>신호대잡음비</td><td>100dB 이상</td></tr><tr><td>정격출력</td><td>300W (RMS)</td></tr><tr><td>출력 임피던스</td><td>16Ω/70V, 33Ω/100V</td></tr><tr><td>사용전원 / 소비전력</td><td>AC200~240V 50/60Hz, DC 22~28V / 350W</td></tr><tr><td>외형규격</td><td>483(W) x 44(H) x 340(D)mm</td></tr></table>	주파수특성	20Hz ~ 20kHz	신호대잡음비	100dB 이상	정격출력	300W (RMS)	출력 임피던스	16Ω/70V, 33Ω/100V	사용전원 / 소비전력	AC200~240V 50/60Hz, DC 22~28V / 350W	외형규격	483(W) x 44(H) x 340(D)mm	 * Specifications <table><tr><td>자임주파수</td><td>440Hz, 554Hz, 659Hz, 880Hz</td></tr><tr><td>사이렌주파수</td><td>520Hz (1분)연속 ±20sec, (3분)파상 ±30sec</td></tr><tr><td>출력레벨</td><td>0dB Unbalanced</td></tr><tr><td>사용전원</td><td>DC 24V</td></tr><tr><td>소비전력</td><td>1.5W</td></tr><tr><td>외형규격</td><td>483(W) x 44(H) x 275(D) mm</td></tr></table>	자임주파수	440Hz, 554Hz, 659Hz, 880Hz	사이렌주파수	520Hz (1분)연속 ±20sec, (3분)파상 ±30sec	출력레벨	0dB Unbalanced	사용전원	DC 24V	소비전력	1.5W	외형규격	483(W) x 44(H) x 275(D) mm	 * Specifications <table><tr><td>COMMUNICATION</td><td>RS-485(x1 Link), 9600bps</td></tr><tr><td>AMP INPUT</td><td>AMP IN(x16)</td></tr><tr><td>AMP OUTPUT</td><td>NOR AMP OUT(x16), EM AMP OUT(x16)</td></tr><tr><td>POWER</td><td>DC 24V / 2A</td></tr><tr><td>DIMENSION</td><td>483(W) x 88(H) x 359(D) mm</td></tr></table>	COMMUNICATION	RS-485(x1 Link), 9600bps	AMP INPUT	AMP IN(x16)	AMP OUTPUT	NOR AMP OUT(x16), EM AMP OUT(x16)	POWER	DC 24V / 2A	DIMENSION	483(W) x 88(H) x 359(D) mm	 * Specifications <table><tr><td>출력 터미널</td><td>80 회로</td></tr><tr><td>재 질</td><td>Front - Aluminum, Cover - Steel</td></tr><tr><td>색 상</td><td>검 정</td></tr><tr><td>DIMENSION</td><td>483(W) x 133(H) x 240(D)mm</td></tr></table>	출력 터미널	80 회로	재 질	Front - Aluminum, Cover - Steel	색 상	검 정	DIMENSION	483(W) x 133(H) x 240(D)mm	 * Specifications <table><tr><td>Carrier frequency range</td><td>UHF 925-937.5 MHz</td></tr><tr><td>Combined frequency response</td><td>40Hz-18kHz(±3dB)</td></tr><tr><td>Oscillation mode</td><td>PLL phase-locked frequency synthesizer</td></tr><tr><td>RF tuning step</td><td>25kHz</td></tr><tr><td>Radio-Frequency sensitivity</td><td>Input 6dBμV, S/N >80dB</td></tr><tr><td>Working range</td><td>직선거리 100m</td></tr><tr><td>T.H.D</td><td><0.5% @1kHz</td></tr><tr><td>DIMENSION</td><td>410(W) x 44(H) x 210(D) ±10mm</td></tr></table>	Carrier frequency range	UHF 925-937.5 MHz	Combined frequency response	40Hz-18kHz(±3dB)	Oscillation mode	PLL phase-locked frequency synthesizer	RF tuning step	25kHz	Radio-Frequency sensitivity	Input 6dBμV, S/N >80dB	Working range	직선거리 100m	T.H.D	<0.5% @1kHz	DIMENSION	410(W) x 44(H) x 210(D) ±10mm	 * Specifications <table><tr><td>주파수 특성</td><td>10Hz - 20kHz</td></tr><tr><td>T.H.D (20Hz~1KHz)</td><td>Less than 0.03%</td></tr><tr><td>Sensitivity</td><td>FM : 2uV / MW : 25dBuV</td></tr><tr><td>소 비 전 력</td><td>13W</td></tr><tr><td>사 용 전 원</td><td>AC 230V / 50Hz / DC24V</td></tr><tr><td>DIMENSION</td><td>483(W) x 44(H) x 260(D)mm</td></tr></table>	주파수 특성	10Hz - 20kHz	T.H.D (20Hz~1KHz)	Less than 0.03%	Sensitivity	FM : 2uV / MW : 25dBuV	소 비 전 력	13W	사 용 전 원	AC 230V / 50Hz / DC24V	DIMENSION	483(W) x 44(H) x 260(D)mm
주파수특성	20Hz ~ 20kHz																																																																										
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AUDIO MIXER	PTZ CAMERA/CONTROLLER	HD VIDEO SWITCHER	COMBINER	POWER DISTRIBUTOR	POWER DISTRIBUTOR																																																																						

전관방송 및 스튜디오설비 EQUIPMENT DETAIL

SCALE A1 : 1/NONE
A3 : 1/NONE

(주)한국전기설계감리기술단
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BAO
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기계 사원이엔씨

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DRAWING TITLE

전관방송 및 스튜디오설비

EQUIPMENT DETAIL

DATE 2025.04.

APPROVED 김 홍 수

CHECKED -

DRAWING -

SCALE A1 : 1/NONE

A3 : 1/NONE

DRAWING NO

ET- 505



★강림은★
기쁜입니다★
실제도에 청렴을 그린다
경기도교육청 공익제보 (031-249-0999)

(가칭)고덕9중 신축공사
설계용역

*NOTE.

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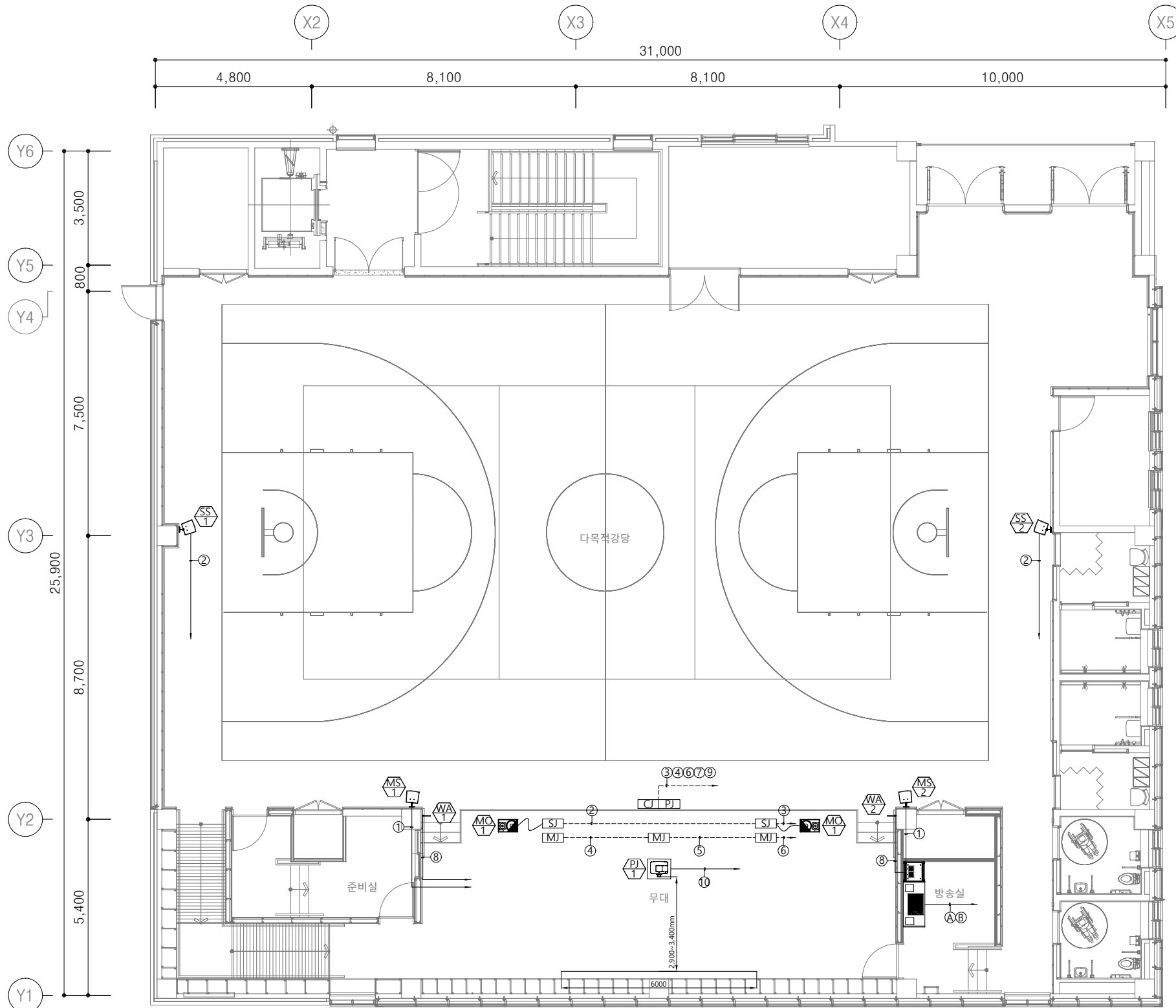
BAO
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조경	디자인라운 TEL: (070)7006-2400
전기	삼원이엔지 TEL: (031)656-7018
통신 전기소방	한국전기 TEL: (070)8889-2542
기계 기계소방	사원이엔씨 TEL: (070)2508-0331

DRAWING TITLE

지상3층 다목적강당
AV설비 평면도

DATE	2025.04.	SCALE	A1 : 1/75 A3 : 1/150
APPROVED	김홍수	DRAWING NO	ET- 505
CHECKED	-	DRAWING	-



EQUIPMENT LIST

구분	품명	규격	설치 형태	비고
MS	MAIN SPEAKER	600W	WALL	MS 1-2
SS	SUB SPEAKER	200W	WALL	SS 1-2
MO	STAGE MONITOR SPEAKER	350W	FLOOR	MO 1-2
WL	W/L ANT.	900Hz	WALL	WL 1-2
PJ	PROJECTER (초단초점)	11,000 ANSI	CEILING	PJ 1
MJ	MIC JACK BOX	2CH	FLOOR	MB 1-3
SJ	SPEAKER JACK BOX	2CH	FLOOR	SB 1-2
PJ	PC JACK PLATE	HDMI, AUDIO, AC	WALL	PC 1
CJ	CAMERA JACK PLATE	HDMI, AC	WALL	CJ 1
----	바닥배관배선			
----	천정배관배선			

번호	배관 배선	종류	비고
①	2S11F x 1L (22C)	Speaker Cable	SPEAKER <-> RACK CABINET
②	2S9F x 1L (16C)	Speaker Cable	SPEAKER <-> RACK CABINET
③	2S9F x 2L (28C)	Speaker Cable	SPEAKER <-> RACK CABINET
④	L-2T2S x 2L (16C)	Audio Cable	MIC JACK <-> RACK CABINET
⑤	L-2T2S x 4L (22C)	Audio Cable	MIC JACK <-> RACK CABINET
⑥	L-2T2S x 6L (28C)	Audio Cable	MIC JACK <-> RACK CABINET
⑦	HDMI Cable x 1 (28C)	HDMI Cable	PC JACK <-> RACK CABINET
⑧	L-5D2V x 1 (16C)	W/L Ant. Cable	W/L ANTENNA <-> RACK CABINET
⑨	FCV 2.5SQ/ 3C (22C)	POWER CON'T	PC JACK <-> RACK CABINET
⑩	HDMI OPTICAL x 1 (28C)	HDMI Cable	PROJECTOR <-> RACK CABINET
	F-CVV 2.5mm/3C x 1L (28C)	POWER CON'T	
A	F-FR-8 2.5SQ 5C x 1 (28C)	전관방송 연동	전관방송 <-> RACK CABINET
B	HFBT-7C (22C)	VIDEO LINE	전관방송 CATV <-> RACK CABINET

* 전원박스/판넬은 전기공사 시공분임.
* 배관배선은 통신공사분임.
* 10번 배관/배선 추가 필요.

지상3층 다목적강당 AV설비 평면도

SCALE A1 : 1/75
A3 : 1/150

(주)한국전기설계감리기술단
TEL:02-3012-2600, E-mail:k1@kedspro.com
엔지니어링 진흥협회 신고 제E-06-000680호
경기도 수원시 팔달구 권광로 275-7, 3층(인계동)
정보처리부원(정보통신) 김 윤 섭
정보통신기사



실제도에 청렴을 그린다
경기도교육청 공익제보 (031-249-0999)

(가칭)고덕9중 신축공사
설계용역

*NOTE.

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(주)인오건축사사무소
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BAO
(주)동심원건축사사무소
TEL: (02)3452-0597, FAX: 02-3452-0598

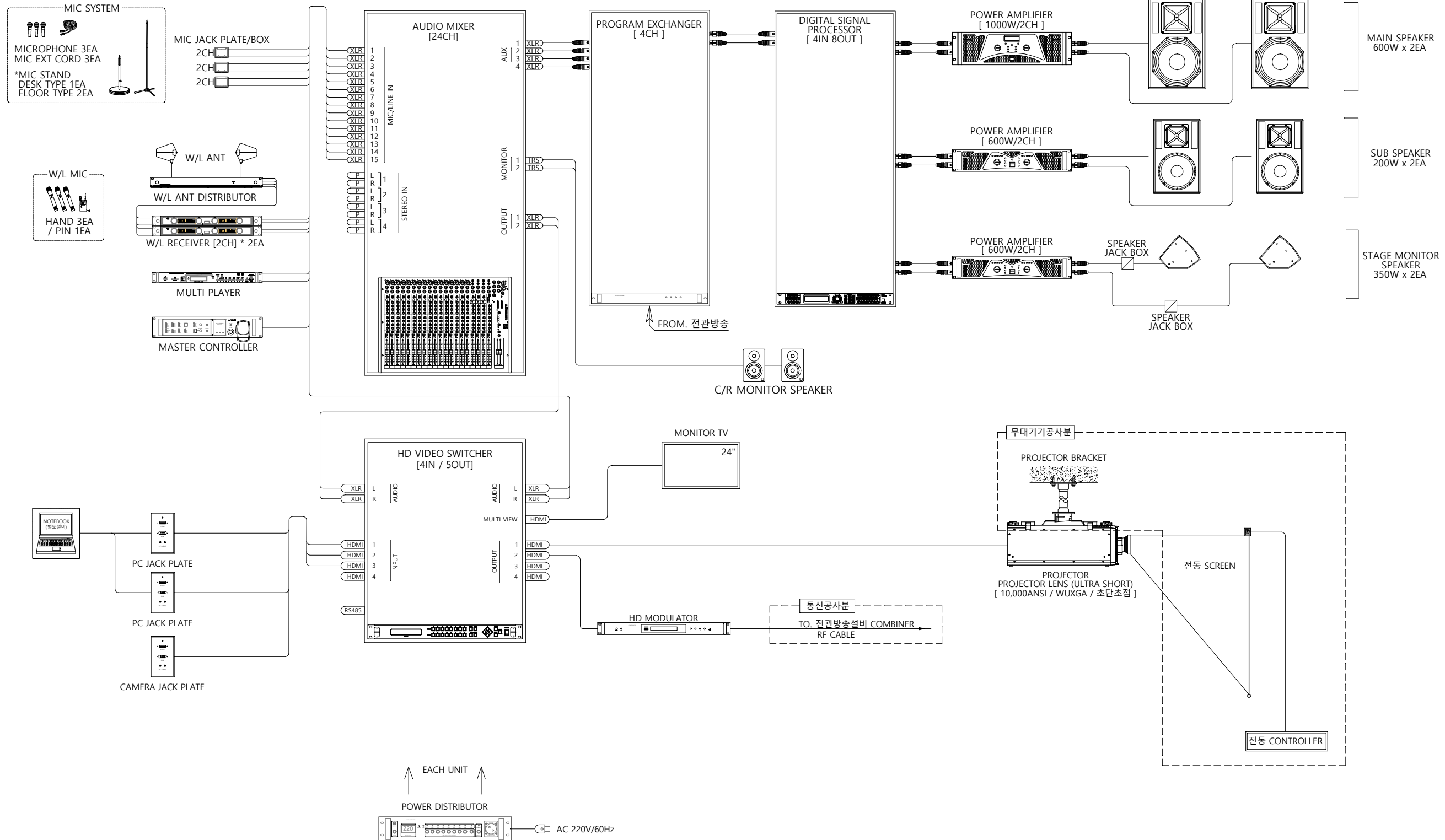
구조	제영퍼트너스(주) TEL: (02)6365-2033
도록	다움엔지니어링 TEL: (070)7006-5345
조경	디자인라운 TEL: (070)7006-2400
전기	삼원이엔지 TEL: (031)656-7018
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기계 기계소방	사원이엔씨 TEL: (070)2508-0331

DRAWING TITLE

지상3층 다목적강당 AV설비
BLOCK DIAGRAM

DATE	2025.04.	SCALE	A1 : 1/NONE A3 : 1/NONE
APPROVED	김홍수	DRAWING NO	ET- 505
CHECKED	-		
DRAWING	-		

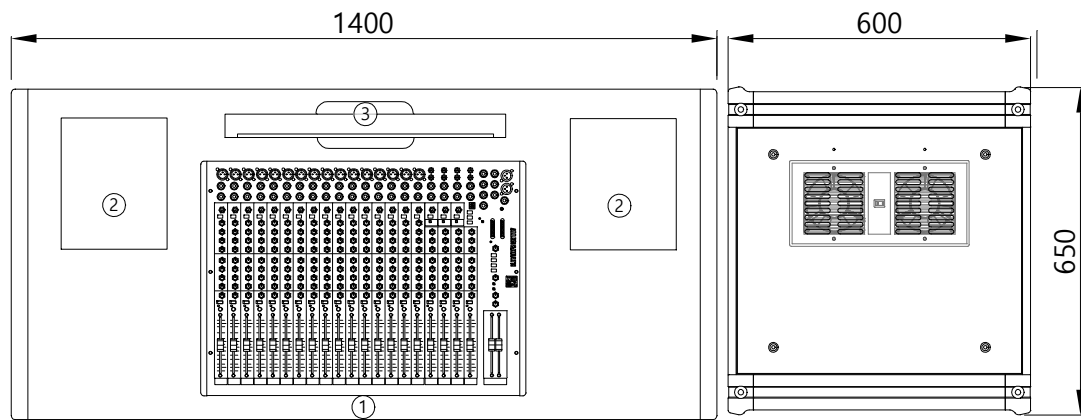
HDMI	HD-SDI
ANALOG (AUDIO)	SPEAKER
UTP	RS232/485



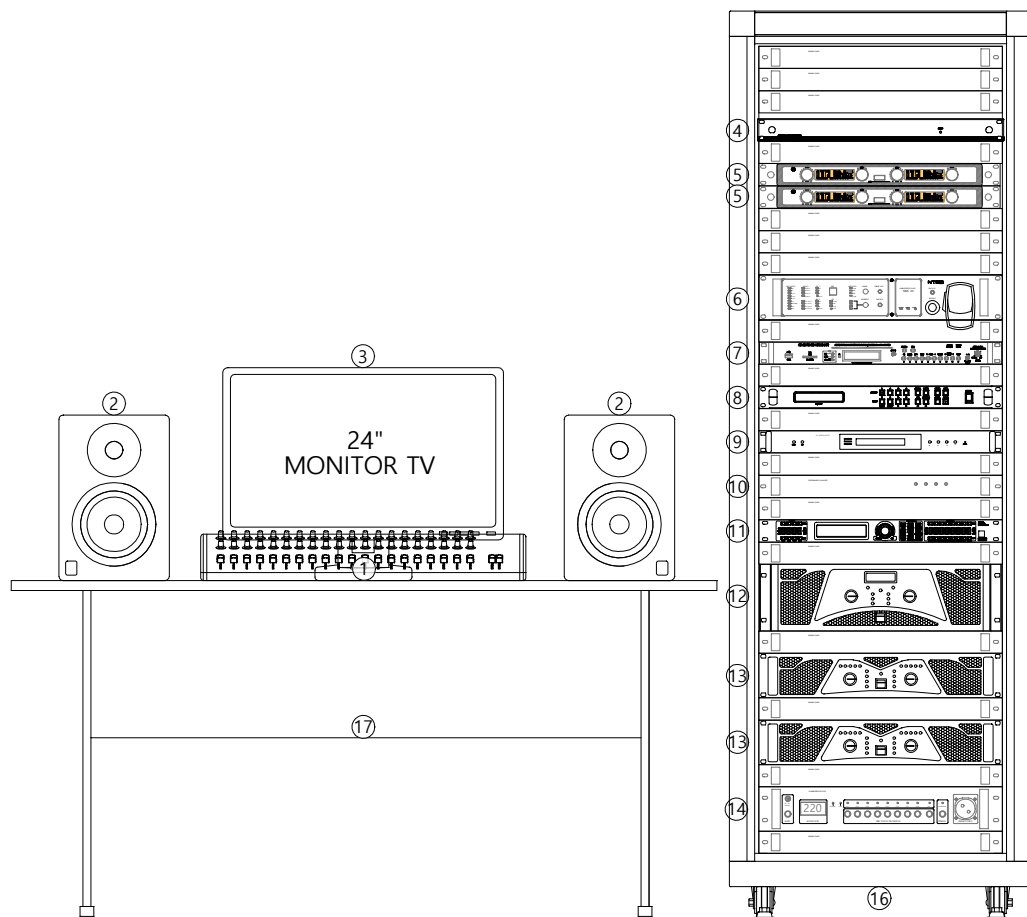
지상3층 다목적강당 AV설비 BLOCK DIAGRAM

SCALE A1 : 1/NONE
A3 : 1/NONE

(주)한국전기설계감리기술단
TEL:02-3012-2600, E-mail:k1@kedspro.com
엔지니어링 진흥협회 신고 제E-06-000680호
경기도 수원시 팔달구 권광로 275-7, 3층(인계동)
정보처리부원(정보통신) 김 윤 섭
정보통신기사



NO	DESCRIPTION	Q'TY	REMARK
1	AUDIO MIXER	1	24CH
2	C/R MONITOR SPEAKER	2	POWERED
3	MONITOR TV	1	24"
4	W/L ANT DISTRIBUTOR	1	900MHz
5	WIRELESS RECEIVER [2CH]	2	900MHz
6	MASTER CONTROLLER	1	CONTROL
7	MULTI PLAYER	1	1CD/AM/FM/USB
8	HD VIDEO SWITCHER	1	4IN / 5OUT
9	HD MODULATOR	1	HD
10	PROGRAM EXCHANGER	1	4IN 4OUT
11	DIGITAL SIGNAL PROCESSOR	1	4IN 8OUT
12	POWER AMPLIFIER	1	1000W/2CH (8Ω)
13	POWER AMPLIFIER	2	600W/2CH (8Ω)
14	POWER DISTRIBUTOR	1	220V
15	PC JACK PLATE	1	HDMI, AC
16	RACK CABINET	1	19"
17	MIXER DESK	1	STEEL/WOOD
-	BLANK PANEL	17	1U



지상3층 다목적강당 AV설비 RACK DETAIL

SCALE A1 : 1/NONE
A3 : 1/NONE

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(가칭)고덕9중 신축공사
설계용역

*NOTE.

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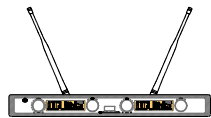
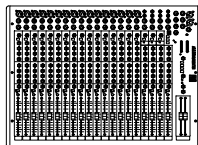
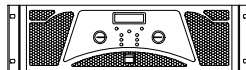
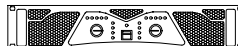
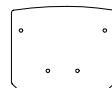
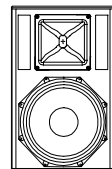
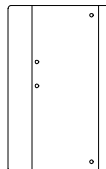
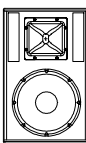
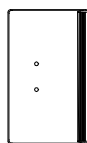
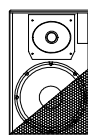
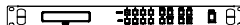
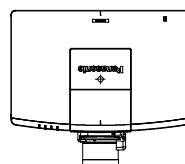
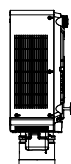
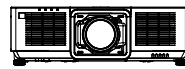
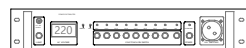
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(주)동심원건축사사무소
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DRAWING TITLE

지상3층 다목적강당 AV설비
RACK DETAIL

DATE	2025.04.	SCALE	A1 : 1/NONE A3 : 1/NONE
APPROVED	김홍수	DRAWING NO	ET- 505
CHECKED	-		
DRAWING	-		

 FRONT VIEW * Specifications <table><tr><td>Carrier frequency range</td><td>UHF 925-937.5 MHz</td></tr><tr><td>Combined frequency response</td><td>40Hz-18kHz(±3dB)</td></tr><tr><td>Oscillation mode</td><td>PLL phase-locked frequency synthesizer</td></tr><tr><td>RF tuning step</td><td>25kHz</td></tr><tr><td>Radio-Frequency sensitivity</td><td>Input 6dBμV , S/N >80dB</td></tr><tr><td>Working range</td><td>직선거리 100m</td></tr><tr><td>T.H.D</td><td><0.5% @1kHz</td></tr><tr><td>DIMENSION (W x H x D)</td><td>410 x 44 x 210 ±10mm</td></tr></table>	Carrier frequency range	UHF 925-937.5 MHz	Combined frequency response	40Hz-18kHz(±3dB)	Oscillation mode	PLL phase-locked frequency synthesizer	RF tuning step	25kHz	Radio-Frequency sensitivity	Input 6dBμV , S/N >80dB	Working range	직선거리 100m	T.H.D	<0.5% @1kHz	DIMENSION (W x H x D)	410 x 44 x 210 ±10mm	 FRONT VIEW * Specifications <table><tr><td>Frequency range</td><td>925-937.5 MHz</td></tr><tr><td>Frequency response</td><td>100Hz-16kHz</td></tr><tr><td>Sensitivity</td><td>-60dB±1.5dB(0dB=1v/pa,at 1kHz)</td></tr><tr><td>THD</td><td>1.8%</td></tr><tr><td>IMPEDANCE</td><td>600Ω</td></tr><tr><td>POWER SUPPLY</td><td>with 2pcs of 1.5AA</td></tr><tr><td>DIMENSION</td><td>530 x 262mm±10mm</td></tr><tr><td>Weight</td><td>385g</td></tr></table>	Frequency range	925-937.5 MHz	Frequency response	100Hz-16kHz	Sensitivity	-60dB±1.5dB(0dB=1v/pa,at 1kHz)	THD	1.8%	IMPEDANCE	600Ω	POWER SUPPLY	with 2pcs of 1.5AA	DIMENSION	530 x 262mm±10mm	Weight	385g	 FRONT VIEW * Specifications <table><tr><td>Frequency range</td><td>925-937.5 MHz</td></tr><tr><td>Frequency response</td><td>100Hz-16kHz</td></tr><tr><td>Sensitivity</td><td>-47dB±3dB(0dB=1v/pa,at 1kHz)</td></tr><tr><td>Connector</td><td>4-pin mini XLR</td></tr><tr><td>IMPEDANCE</td><td>600Ω</td></tr><tr><td>POWER SUPPLY</td><td>with 2pcs of 1.5AA</td></tr><tr><td>DIMENSION</td><td>75(L) x 62(W) x 24(H)mm±10mm</td></tr><tr><td>Weight</td><td>80g</td></tr></table>	Frequency range	925-937.5 MHz	Frequency response	100Hz-16kHz	Sensitivity	-47dB±3dB(0dB=1v/pa,at 1kHz)	Connector	4-pin mini XLR	IMPEDANCE	600Ω	POWER SUPPLY	with 2pcs of 1.5AA	DIMENSION	75(L) x 62(W) x 24(H)mm±10mm	Weight	80g	 FRONT VIEW * Specifications <table><tr><td>주파수 특성</td><td>10Hz - 20kHz</td></tr><tr><td>T.H.D (20Hz~1KHz)</td><td>Less than 0.03%</td></tr><tr><td>Sensitivity</td><td>FM : 2uV / MW : 25dBuV</td></tr><tr><td>소 비 전 력</td><td>13W</td></tr><tr><td>사 용 전 원</td><td>AC 230V / 50Hz / DC24V</td></tr><tr><td>DIMENSION</td><td>483(W) x 44(H) x 260(D)mm</td></tr></table>	주파수 특성	10Hz - 20kHz	T.H.D (20Hz~1KHz)	Less than 0.03%	Sensitivity	FM : 2uV / MW : 25dBuV	소 비 전 력	13W	사 용 전 원	AC 230V / 50Hz / DC24V	DIMENSION	483(W) x 44(H) x 260(D)mm	 TOP VIEW  REAR VIEW  SIDE VIEW * Specifications <table><tr><td>MIC,LINE / Stereo Input</td><td>16CH / 4CH</td></tr><tr><td>USB Audio In/Out</td><td>USB 1.1 compliant 16bit</td></tr><tr><td>AUX Channel</td><td>4CH</td></tr><tr><td>Equalizer</td><td>3Band</td></tr><tr><td>Dimension (HWD)</td><td>465 x 645 x 98mm</td></tr><tr><td>Weight</td><td>10.5kg (Unpacked)</td></tr></table>	MIC,LINE / Stereo Input	16CH / 4CH	USB Audio In/Out	USB 1.1 compliant 16bit	AUX Channel	4CH	Equalizer	3Band	Dimension (HWD)	465 x 645 x 98mm	Weight	10.5kg (Unpacked)
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WIRELESS RECEIVER	WIRELESS HAND MIC	WIRELESS PIN MIC	MULTI PLAYER	AUDIO MIXER																																																																								
 FRONT VIEW * Specifications <table><tr><td>입력채널</td><td>라인 4채널</td></tr><tr><td>출력채널</td><td>4채널</td></tr><tr><td>입력감도</td><td>0dB BALANCED</td></tr><tr><td>출력레벨</td><td>0dBV /600 ohm BALANCED</td></tr><tr><td>사 용 전 원</td><td>DC 24V</td></tr><tr><td>DIMENSION</td><td>480(W) x 44(H) x 275(D)mm</td></tr><tr><td>무 계</td><td>3.1Kg</td></tr></table>	입력채널	라인 4채널	출력채널	4채널	입력감도	0dB BALANCED	출력레벨	0dBV /600 ohm BALANCED	사 용 전 원	DC 24V	DIMENSION	480(W) x 44(H) x 275(D)mm	무 계	3.1Kg	 FRONT VIEW * Specifications <table><tr><td>처리</td><td>96kHz의 샘플링 주파수, 32비트 부동 소수점</td></tr><tr><td>신호대잡음비</td><td>>118dB (1kHz)</td></tr><tr><td>THD</td><td><0.01% output=0dBu/1kHz</td></tr><tr><td>CROSSTALK OF CHANNELS</td><td>>88dB (1kHz)</td></tr><tr><td>입력 채널</td><td>4CH XLR</td></tr><tr><td>출력 채널</td><td>8CH XLR</td></tr><tr><td>사용전원 / 소비전력</td><td>220V/60HZ</td></tr><tr><td>외형규격</td><td>482(W) x 232(D) x 44(H)mm</td></tr></table>	처리	96kHz의 샘플링 주파수, 32비트 부동 소수점	신호대잡음비	>118dB (1kHz)	THD	<0.01% output=0dBu/1kHz	CROSSTALK OF CHANNELS	>88dB (1kHz)	입력 채널	4CH XLR	출력 채널	8CH XLR	사용전원 / 소비전력	220V/60HZ	외형규격	482(W) x 232(D) x 44(H)mm	 FRONT VIEW * Specifications <table><tr><td>Amplifier type</td><td>Class H</td></tr><tr><td>Power</td><td>8Ω / 1000W 4Ω / 1700W 2Ω / 2200W</td></tr><tr><td>Dimensions (W x H x D)</td><td>481 x 132 x 474 mm</td></tr><tr><td>Weight</td><td>32 Kg</td></tr></table>	Amplifier type	Class H	Power	8Ω / 1000W 4Ω / 1700W 2Ω / 2200W	Dimensions (W x H x D)	481 x 132 x 474 mm	Weight	32 Kg	 FRONT VIEW * Specifications <table><tr><td>Amplifier type</td><td>Class H</td></tr><tr><td>Power</td><td>8Ω / 600W x 2CH 4Ω / 1050W x 2CH 2Ω / 1350W x 2CH</td></tr><tr><td>Dimensions (W x D x H)</td><td>481 x 380 x 88mm</td></tr><tr><td>Weight</td><td>23 Kg</td></tr></table>	Amplifier type	Class H	Power	8Ω / 600W x 2CH 4Ω / 1050W x 2CH 2Ω / 1350W x 2CH	Dimensions (W x D x H)	481 x 380 x 88mm	Weight	23 Kg	 TOP VIEW  FRONT VIEW  SIDE VIEW * Specifications <table><tr><td>Frequency Response</td><td>55Hz - 20kHz(-3dB)</td></tr><tr><td>Power handling</td><td>600W / 8Ω</td></tr><tr><td>Directivity</td><td>80°x 50°</td></tr><tr><td>Sensitivity(1W/1m)</td><td>100dB</td></tr><tr><td>Components</td><td>Low : 15" / Hi : 1.4"</td></tr><tr><td>Dimensions (W x H x D)</td><td>430 x 690 x 420 mm</td></tr></table>	Frequency Response	55Hz - 20kHz(-3dB)	Power handling	600W / 8Ω	Directivity	80°x 50°	Sensitivity(1W/1m)	100dB	Components	Low : 15" / Hi : 1.4"	Dimensions (W x H x D)	430 x 690 x 420 mm														
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PROGRAM EXCHANGER	DIGITAL SIGNAL PROCESSOR	POWER AMPLIFIER	POWER AMPLIFIER	MAIN SPEAKER																																																																								
 TOP VIEW  FRONT VIEW  SIDE VIEW * Specifications <table><tr><td>Frequency Response</td><td>65Hz - 19kHz(-3dB)</td></tr><tr><td>Power handling</td><td>200W(continuous)</td></tr><tr><td>Directivity</td><td>50° ~ 100° (H) X 50° (V)</td></tr><tr><td>Sensitivity(1W/1m)</td><td>95dB</td></tr><tr><td>Max SPL</td><td>124dB</td></tr><tr><td>Dimensions (W x H x D)</td><td>330 x 524 x 311 mm</td></tr></table>	Frequency Response	65Hz - 19kHz(-3dB)	Power handling	200W(continuous)	Directivity	50° ~ 100° (H) X 50° (V)	Sensitivity(1W/1m)	95dB	Max SPL	124dB	Dimensions (W x H x D)	330 x 524 x 311 mm	 TOP VIEW  FRONT VIEW  SIDE VIEW * Specifications <table><tr><td>Frequency Response</td><td>42Hz - 20kHz (-10dB)</td></tr><tr><td>Components</td><td>LF : 15" / HF : 1"</td></tr><tr><td>Power handling/Impedence</td><td>350W / 8Ω</td></tr><tr><td>Crossover Frequency</td><td>2.5kHz</td></tr><tr><td>Dimensions (W x H x D)</td><td>432 x 670 x 415 mm</td></tr></table>	Frequency Response	42Hz - 20kHz (-10dB)	Components	LF : 15" / HF : 1"	Power handling/Impedence	350W / 8Ω	Crossover Frequency	2.5kHz	Dimensions (W x H x D)	432 x 670 x 415 mm	 FRONT VIEW * Specifications <table><tr><td>입력</td><td>HDMI x4, Analog Audio(RCA L/R)</td></tr><tr><td>출력</td><td>HDMI x4, Multi-View x1, Analog Audio(RCA L/R)</td></tr><tr><td>입력 해상도</td><td>720p60, 1080i59.94/60, 1080p60</td></tr><tr><td>출력 해상도</td><td>출력 해상도 1080i59.94/60, 1080p60</td></tr><tr><td>Multi-View</td><td>4채널 입력 모니터링</td></tr><tr><td>전원</td><td>DC 12V, 3A, DC Jack</td></tr><tr><td>규 격(W x H x D)</td><td>482mm x 44mm) x 280mm</td></tr></table>	입력	HDMI x4, Analog Audio(RCA L/R)	출력	HDMI x4, Multi-View x1, Analog Audio(RCA L/R)	입력 해상도	720p60, 1080i59.94/60, 1080p60	출력 해상도	출력 해상도 1080i59.94/60, 1080p60	Multi-View	4채널 입력 모니터링	전원	DC 12V, 3A, DC Jack	규 격(W x H x D)	482mm x 44mm) x 280mm	 TOP VIEW  SIDE VIEW  FRONT VIEW * Specifications <table><tr><td>Projector type</td><td>LCD projectors</td></tr><tr><td>LCD panel Pixels</td><td>2,304,000 (1920 x 1200 pixels)</td></tr><tr><td>Light Source</td><td>Laser diodes</td></tr><tr><td>Light Output</td><td>11,000 lm</td></tr><tr><td>Resolution</td><td>WUXGA (1920 x 1200 pixels)</td></tr><tr><td>Center-to-corner zone ratio</td><td>85 %</td></tr><tr><td>Contrast Ratio</td><td>3,000,000:1</td></tr><tr><td>Dimensions (W×H×D)</td><td>650 x 211 x 440 mm (without lens)</td></tr><tr><td>Weight</td><td>Approx. 22.5 kg (without lens)</td></tr></table>	Projector type	LCD projectors	LCD panel Pixels	2,304,000 (1920 x 1200 pixels)	Light Source	Laser diodes	Light Output	11,000 lm	Resolution	WUXGA (1920 x 1200 pixels)	Center-to-corner zone ratio	85 %	Contrast Ratio	3,000,000:1	Dimensions (W×H×D)	650 x 211 x 440 mm (without lens)	Weight	Approx. 22.5 kg (without lens)	 FRONT VIEW * Specifications <table><tr><td>채 널</td><td>8CH(순차전원)</td></tr><tr><td>사용전원</td><td>AC 220V, 50 ~ 60Hz</td></tr><tr><td>DIMENSION</td><td>483(W) x 88(H) x 330(D)mm ±10mm</td></tr><tr><td>Weight</td><td>10kg ±10%</td></tr></table>	채 널	8CH(순차전원)	사용전원	AC 220V, 50 ~ 60Hz	DIMENSION	483(W) x 88(H) x 330(D)mm ±10mm	Weight	10kg ±10%										
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SUB SPEAKER	STAGE MONITOR SPEAKER	MATRIX SWITCHER	PROJECTOR	POWER DISTRIBUTOR																																																																								

지상3층 다목적강당 AV설비 EQUIPMENT DETAIL

SCALE A1 : 1/NONE
A3 : 1/NONE

(주)한국전기설계감리기술단
TEL:02-3012-2600, E-mail:k1@kedspro.com
엔지니어링 진흥협회 신고 제E-06-000680호
경기도 수원시 팔달구 권광로 275-7, 3층(인계동)
정보처리부원(정보통신) 김 윤 섭
정보통신기사



***강력한*
기밀입니다***

실계도에 청렴을 그린다
경기도교육청 공익제보 (031-249-0999)

(가칭)고덕9중 신축공사
설계용역

*NOTE.

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TEL: (02)3452-0597, FAX: 02-3452-0598

구조	제영파트너스(주) TEL: (02)6365-2033
도록	다움엔지니어링 TEL: (070)7006-5345
조경	디자인라운 TEL: (070)7006-2400
전기	삼원이엔지 TEL: (031)656-7018
통신 전기소방	한국전기 TEL: (070)8899-2542
기계 기계소방	사원이엔씨 TEL: (070)2508-0331

DRAWING TITLE

지상3층 다목적강당 AV설비
EQUIPMENT DETAIL

DATE	2025. 04.	SCALE	A1 : 1/NONE A3 : 1/NONE
APPROVED	김홍수	DRAWING NO	ET- 505
CHECKED	-		
DRAWING	-		



★강림은★
기쁜입니다★
실계도에 청렴을 그린다
경기도교육청 공익제보 (031-249-0999)

(가칭)고덕9중 신축공사
설계용역

*NOTE.

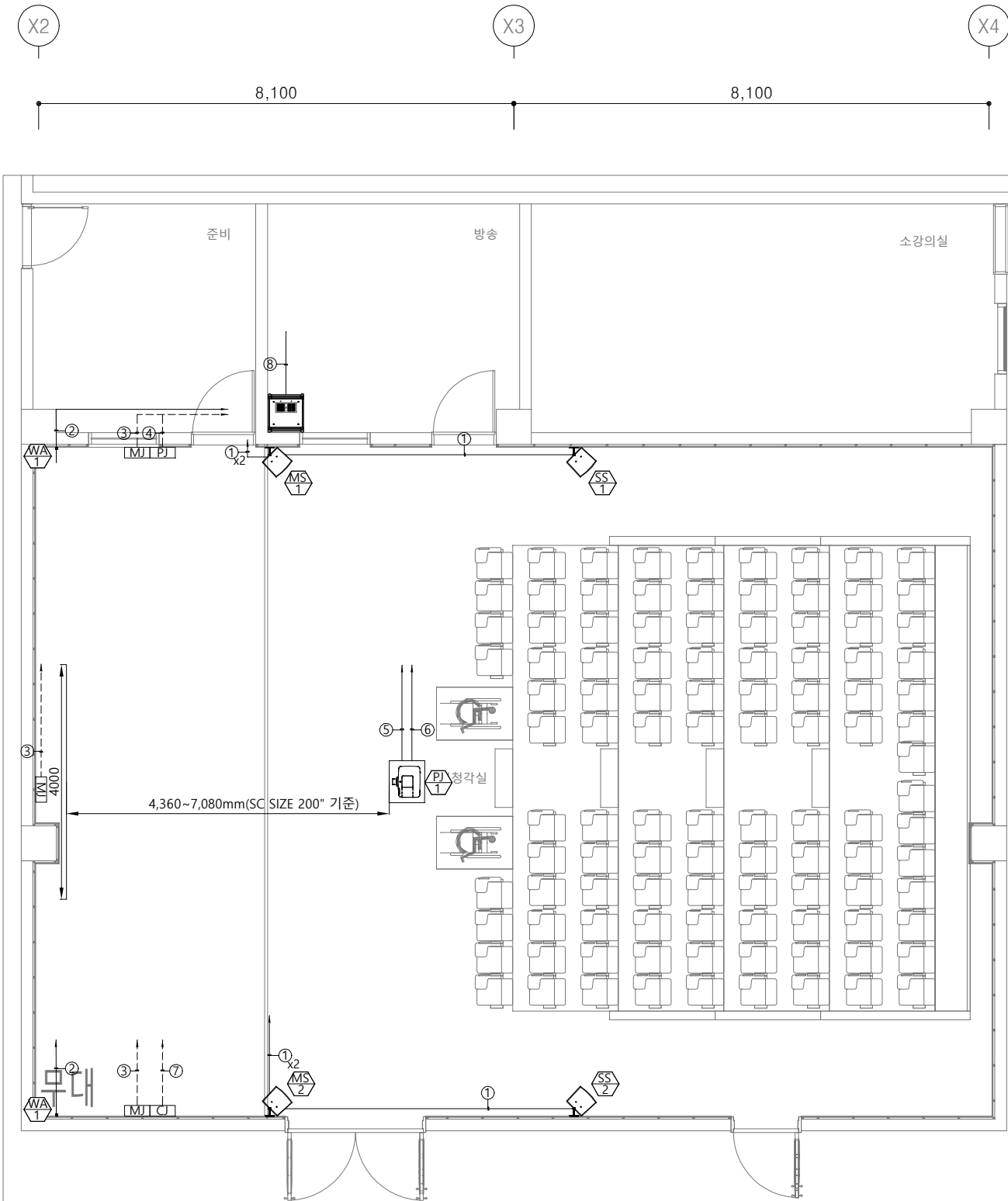
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TEL: (070)2508-0331
기계소방

지상1층 시청각실
AV설비 평면도

DATE 2025.04. SCALE A1 : 1/50
APPROVED 김홍수 A3 : 1/100
CHECKED - DRAWING NO
DRAWING ET- 505



EQUIPMENT LIST

구 분	품 명	규 격	설치 형태	비 고
MS	MAIN SPEAKER	200W	WALL	MS 1-2
SS	SUB SPEAKER	200W	WALL	SS 1-2
WA	W/L ANT.	900Hz	WALL	WL 1-2
PJ	PROJECTOR	7,000 ANSI	CEILING	PJ 1
MJ	MIC JACK PLATE / BOX	2CH	WALL	MB 1-3
PJ	PC JACK PLATE	HDMI, AUDIO, AC	WALL	PC 1
CJ	CAMERA JACK PLATE	HDMI, AC	WALL	CJ 1
----	바닥배관배선			
----	천정배관배선			

번 호	배관 배선	종 류	비 고
①	SW-2300 x 1 (22C)	SPEAKER	SPEAKER <-> RACK CABINET
②	RG58 x1 (16C)	ANTENNA	W/L ANTENNA <-> RACK CABINET
③	MW-3200 x 2 (16C)	AUDIO	MIC JACK <-> RACK CABINET
④	MW-3200 x 2 (16C)	AUDIO	PC JACK <-> RACK CABINET
⑤	HDMI CABLE x 1 (28C)	HDMI	
⑥	HDMI CABLE x 1 (28C)	HDMI	PROJECTOR <-> PC JCAK
⑦	MW-3200 x 1 (16C)	AUDIO	PROJECTOR <-> RACK CABINET
⑧	FCV 1.5sq/3C x 1 (28C)	POWER	
⑨	HDMI CABLE x 1 (28C)	HDMI	
⑩	HDMI CABLE x 1 (28C)	HDMI	CAMERA JACK <-> RACK CABINET
⑪	FR-8 2.5SQ/5C x1 (28C)	전관방송 연동	전관방송 <-> RACK CABINET
⑫	HFBT-7C x 1 (22C)	VIDEO LINE	

* 전원박스/판넬은 전기공사 시공분임.
* 배관배선은 통신공사분임.

지상1층 시청각실 AV설비 평면도

SCALE A1 : 1/50
A3 : 1/100

(주)한국전기설계감리기술단
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강림은*
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***본**

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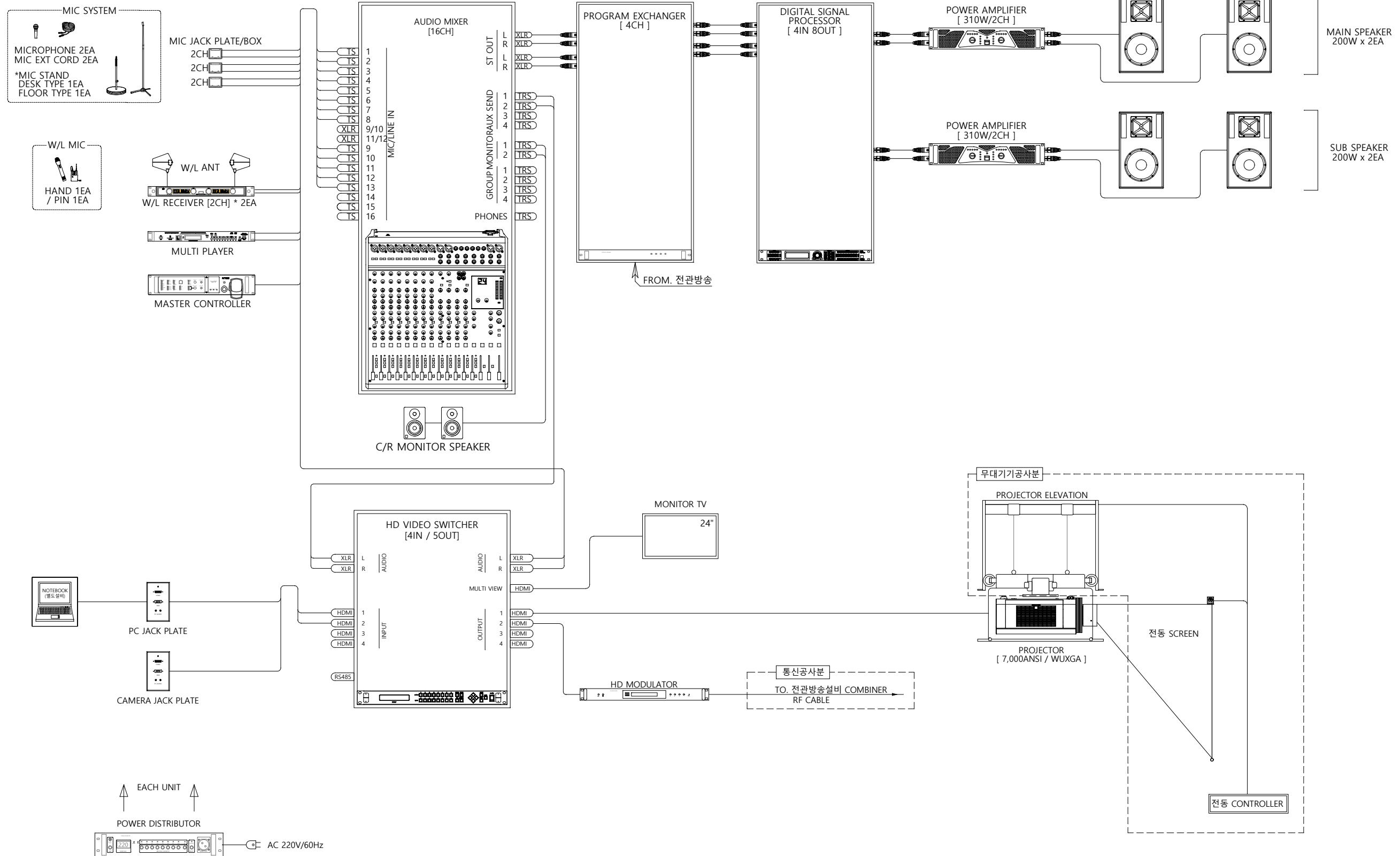
구조	제영파트너스(주) TEL: (02)6365-2033
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DRAWING TITLE

지상1층 시청각실 AV설비
BLOCK DIAGRAM

DATE	2025. 04.	SCALE	A1 : 1/NONE A3 : 1/NONE
APPROVED	김홍수	DRAWING NO	ET- 505
CHECKED	-		
DRAWING	-		

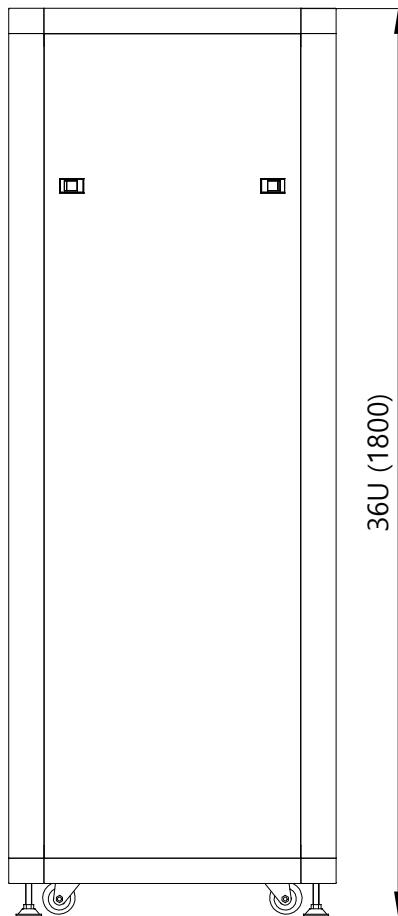
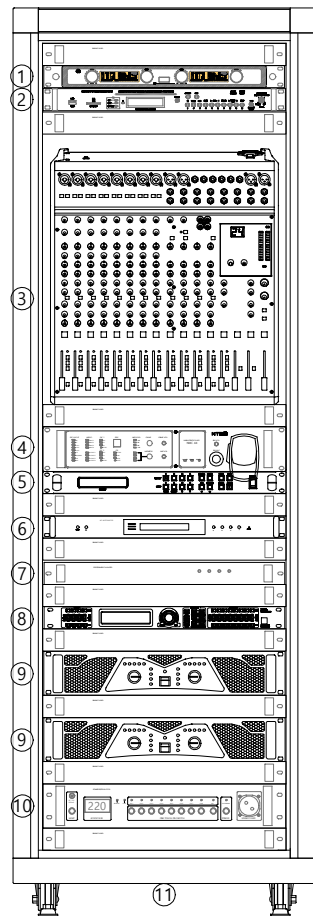
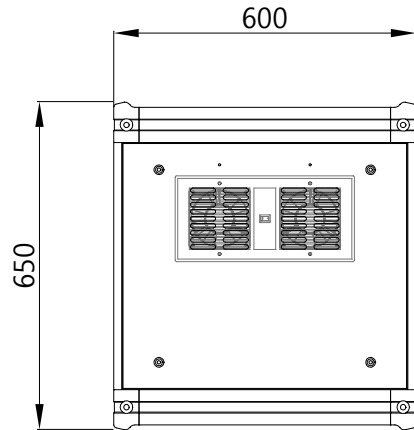
HDMI	HD-SDI
ANALOG (AUDIO)	SPEAKER
UTP	RS232/485



지상1층 시청각실 AV설비 BLOCK DIAGRAM

SCALE A1 : 1/NONE
A3 : 1/NONE

(주)한국전기설계감리기술단
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엔지니어링 진흥협회 신고 제E-06-000680호
경기도 수원시 팔달구 권광로 275-7, 3층(인계동)
정보처리부원(정보통신) 김 윤 섭
정보통신기사



NO	DESCRIPTION	Q'TY	REMARK
1	WIRELESS RECEIVER [2CH]	1	900MHz
2	MULTI PLAYER	1	1CD+1USB
3	AUDIO MIXER	1	16CH
4	MASTER CONTROLLER	1	CONTROL
5	HD VIDEO SWITCHER	1	4IN / 5OUT
6	HD MODULATOR	1	FHD
7	PROGRAM EXCHANGER	1	4IN 4OUT
8	DIGITAL SIGNAL PROCESSOR	1	4IN 8OUT
9	POWER AMPLIFIER	2	310W/2CH (8Ω)
10	POWER DISTRIBUTOR	1	220V
11	RACK CABINET	1	36U
-	BLANK PANEL	10	1U

지상1층 시청각실 AV설비 RACK DETAIL

SCALE A1 : 1/NONE
A3 : 1/NONE

(주)한국전기설계감리기술단
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실계도에 청렴을 그린다
경기도교육청 공익제보 (031-249-0999)

(가칭)고덕9중 신축공사
설계용역

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기계 사원이엔씨
TEL:(070)2508-0331

DRAWING TITLE

지상1층 시청각실 AV설비
RACK DETAIL

DATE 2025.04.

APPROVED 김홍수

CHECKED -

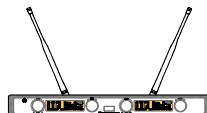
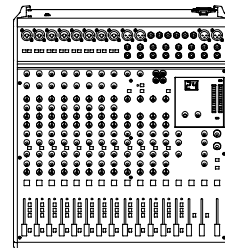
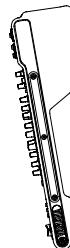
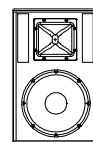
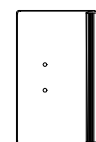
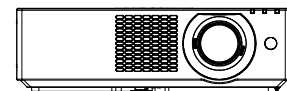
DRAWING -

SCALE A1 : 1/NONE

A3 : 1/NONE

DRAWING NO

ET- 505

 FRONT VIEW * Specifications <table><tr><td>수신채널</td><td>Dual channel</td></tr><tr><td>Frequency range</td><td>925-937.5MHz</td></tr><tr><td>Oscillation mode</td><td>PLL phase-locked frequency synthesizer</td></tr><tr><td>RF tuning step</td><td>25kHz</td></tr><tr><td>Temperature range</td><td>-10°C to 55°C</td></tr><tr><td>Working range</td><td>직선거리 100m</td></tr><tr><td>Power consumption</td><td>500mA</td></tr><tr><td>DIMENSION</td><td>410(L)x44(H)x210(D)</td></tr></table>	수신채널	Dual channel	Frequency range	925-937.5MHz	Oscillation mode	PLL phase-locked frequency synthesizer	RF tuning step	25kHz	Temperature range	-10°C to 55°C	Working range	직선거리 100m	Power consumption	500mA	DIMENSION	410(L)x44(H)x210(D)	 FRONT VIEW * Specifications <table><tr><td>Frequency range</td><td>925-937.5 MHz</td></tr><tr><td>Transmitter power</td><td>< 10mW</td></tr><tr><td>Sensitivity</td><td>-60dB±1.5dB at 1kHz(0db=1V/1Pa)</td></tr><tr><td>THD</td><td>1.8% /1KHz 94dB/SPL</td></tr><tr><td>IMPEDANCE</td><td>600Ω±15% at 1kHz</td></tr><tr><td>POWER SUPPLY</td><td>with 2pcs of 1.5AA</td></tr><tr><td>DIMENSION</td><td>53Ø x 262mm±10mm</td></tr><tr><td>Weight</td><td>385g</td></tr></table>	Frequency range	925-937.5 MHz	Transmitter power	< 10mW	Sensitivity	-60dB±1.5dB at 1kHz(0db=1V/1Pa)	THD	1.8% /1KHz 94dB/SPL	IMPEDANCE	600Ω±15% at 1kHz	POWER SUPPLY	with 2pcs of 1.5AA	DIMENSION	53Ø x 262mm±10mm	Weight	385g	 FRONT VIEW * Specifications <table><tr><td>Frequency range</td><td>925-937.5 MHz</td></tr><tr><td>Frequency response</td><td>100Hz-16kHz</td></tr><tr><td>Sensitivity</td><td>-47dB±3dB(0dB=1v/pa,at 1kHz)</td></tr><tr><td>Connector</td><td>4-pin mini XLR</td></tr><tr><td>IMPEDANCE</td><td>600Ω</td></tr><tr><td>POWER SUPPLY</td><td>with 2pcs of 1.5AA</td></tr><tr><td>DIMENSION</td><td>75(L) x 62(W) x 24(H)mm±10mm</td></tr><tr><td>Weight</td><td>80g</td></tr></table>	Frequency range	925-937.5 MHz	Frequency response	100Hz-16kHz	Sensitivity	-47dB±3dB(0dB=1v/pa,at 1kHz)	Connector	4-pin mini XLR	IMPEDANCE	600Ω	POWER SUPPLY	with 2pcs of 1.5AA	DIMENSION	75(L) x 62(W) x 24(H)mm±10mm	Weight	80g	 FRONT VIEW * Specifications <table><tr><td>주파수 특성</td><td>10Hz - 20kHz</td></tr><tr><td>T.H.D (20Hz~1KHz)</td><td>Less than 0.03%</td></tr><tr><td>Sensitivity</td><td>FM : 2uV / MW : 25dBuV</td></tr><tr><td>소 비 전 력</td><td>13W</td></tr><tr><td>사 용 전 원</td><td>AC 230V / 50Hz / DC24V</td></tr><tr><td>DIMENSION</td><td>483(W) x 44(H) x 260(D)mm</td></tr></table>	주파수 특성	10Hz - 20kHz	T.H.D (20Hz~1KHz)	Less than 0.03%	Sensitivity	FM : 2uV / MW : 25dBuV	소 비 전 력	13W	사 용 전 원	AC 230V / 50Hz / DC24V	DIMENSION	483(W) x 44(H) x 260(D)mm
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MAIN / SUB SPEAKER	MATRIX SWITCHER	PROJECTOR	POWER DISTRIBUTOR																																																												

지상1층 시청각실 AV설비 EQUIPMENT DETAIL

SCALE A1 : 1/NONE
A3 : 1/NONE

(주)한국전기설계감리기술단
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정보처리부원(정보통산) 김 윤 섭
정보통신기사



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경기도교육청 공익제보 (031-240-0999)

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*NOTE.

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통신	한국전기 TEL: (070)8899-2542
전기소방	사원이엔씨 TEL: (070)2508-0331
기계	
기계소방	

DRAWING TITLE

지상1층 시청각실 AV설비
EQUIPMENT DETAIL

DATE	2025. 04.	SCALE	A1 : 1/NONE A3 : 1/NONE
APPROVED	김홍수		
CHECKED	-	DRAWING NO	ET- 505
DRAWING	-		