Wherever a discussion needs to be controlled

CC30 CU&DU Chairman & Delegate Unit

Product Description

CC30의 마이크스테이션은 의장용과 의원용 유닛으로 구성되며, 의장용 마이크 스테이션은 로그인 및 기타 기능을 시작할 수 있습니다. 기본 마이크 스테이션의 헤드는 2색 발화 표시 링이 제공되고 1.3인치 고휘도 OLED 디스플레이로 날짜 및 시간, 말하기 볼륨, 모니터링 볼륨 등을 표시할 수 있습니다.

Key Features and Benefits

- 1. 3" FULL VIEW OLED 디스플레이
- 2색 (RED, GREEN) 발언표시 라이트 링
- 20Hz ~ 20KHz 주파수특성 범위
- 발언자 요청승인, 발언시간 표시
- 이어폰단자와 2W 스피커내장
- 개별 마이크 및 스피커 볼륨 제어 기능
- Dual Flex Gooseneck

System Specification

CC30 CU/DU	
Working Voltage	DC24V
Frequency Response	20Hz ~ 20kHz
S/N Ratio	>89dB
Total Harmonic Distortion	<0.05%
Audio Sampling Frequency	48kHz / 24bit
Display	1. 3 inch OLED
Input connector	RJ45 x2
Connected Type	Ring Type (Redundancy), Loop-Through Daisy Chain
Input Impedance	2kohm
Sensitivity	-46 dBV/Pa
Capsule	Cardioid
Earphone Volume	10mW
Earphone Jack	3.5mm x1
Gooseneck Size	400mm or 500mm
Color	Black

Wherever a discussion needs to be controlled

CC30 MU Conference Control Main Unit

Product Description

단일 시스템 호스트는 60개 또는 100개의 마이크 스테이션을 제어하고 전원을 공급하며, 각 확장 포트를 사용하여 256개의 마이크 스테이션을 구성, 최대 1200개의 스테이션을 제어할 수 있습니다.

카메라 제어 및 발언자 추적, 추가 시청각 장치를 쉽게 확장할 수 있으며, 4개의 회의모드에서 8개의 Open Mic, FREE MODE에서 20개의 Open Mic가 가능합니다.

Key Features and Benefits

- 3.5" FULL VIEW IPS SCREEN
- 디지털 네트워크 아키텍처 방식의 고성능 CPU 프로세서
- 6채널 RJ45 입력 (3Group Ring Redundancy), 4채널 8-Core 입력
- FIFO, APPLY, VOICE, LIMIT MODE - 1~8대 Open Mic
- FREE MODE –20대 Open Mic
- TCP/IP, RS232/RS485, USB 컨트롤 인터페이스
- WAV형식의 USB RECORDING
- 동시통역 지원을 위한 RCA 오디오출력

System Specification

CC30 MU	
Power Supply	SMPS 100-240V (50Hz / 60Hz)
Frequency Response	20Hz ~ 20kHz
S/N Ratio	>96dB
Total Harmonic Distortion	<0.05%
Recording connector	USB
Input Connector	RJ45 (6CH / 3Group – Ring Redundancy, Loop-Through Daisy Chain), DIN-8P (4Ch)
DSP Sampling Rate	48kHz / 24bit
Central Controller Connector	RS-232 x 1
Camera Switch Connector	RS-232 x1 or RS-485
PC UGI Connecting	USB x1, RJ45 x1
Audio Input	RCA x2
Audio Output	RCA x2, 5.5TRS x1, XLR x1
Dimension	483 x 265 x 88 (mm)
Installation Size	19" Rack / 2U
Color	Black

ME Series

Professional Power amplifier
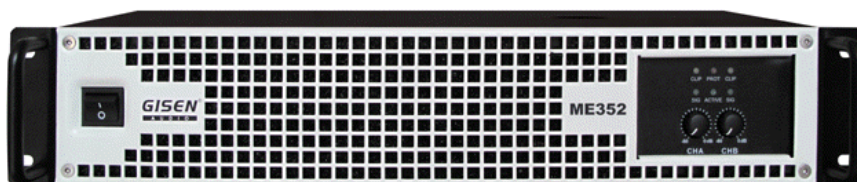
High efficiency power amplifier with high power

GISEN ME series are high efficiency amplifiers. Its compact and precise structure makes it high-performance. Its ability of timber analysis and expressing is excellent, especially in low frequency. Each channel has independent adjustable peak output voltage, which enables the amplifier to drive speakers with different power easily. Intelligent protecting circuit provides advanced technology to protect the internal circuits and connected loads. Applied to situations like Performance with line array, Venue, high-class Business entertainment club etc.

• Stereo/parallel/bridge-mono mode

• User-selectable input sensitivity to power consumer devices: 0.775V and 1.4V

• Protection against shorts, no-load, on/off thumps and radio - frequency interference

• Two level controls, power switch and LEDs to indicate signal presence, clip and fault for each channel

• Efficient forced-air cooling prevents excessive thermal buildup

• One-year, no - fault, fully transferable warranty completely protects your investment

Key Specifications

Mode	ME252	ME254	ME352	ME354	ME452	ME454
8Ω Stereo Power 4Ω Stereo Power 8Ω Bridge Power	2X250W 2X400W 900W	4X250W 4X400W 2X900W	2X350W 2X550W 1100W	4X350W 4X550W 2X1100W	2X450W 2X700W 1400W	4X450W 4X700W 2X1400W
Hum& Noise	>112dB					
Input connector	XLR Female					
S/N Ratio	>100dB					
Input impedance	20k ohms balanced					
Input Sensitivity	0.77V，1.44V					
Input CMRR	>80dB					
Output connector	Speakon					
Damping Factor	>200 @ 8Ω					
THD	<0.01%(20Hz-20kHz，1W)					
Frequency Response	20Hz-20kHz (±0.3dB)@1W, 8Ω					
Level control	Front level meter, from negative infinity to 0dB					
Cooling	Variable speed fans, front to rear airflow					
Power Requirement	AC180V-240V(90V-120V),50-60Hz					
Dimensions（H*W*L）	88mmX483mmX490mm					
Carton Dimension(H*W*L)	150mmX600mm×550mm					
Net weight(kg) Gross weight(kg)	17	18	19	20	23	25

PreSonus®

STUDIOLIVE 16R

18-input, 16-channel Series III stage box and rack mixer

Key Features

- Powered by the new single-core PreSonus FLEX DSP Engine to provide the most processing of any digital mixer in its class
- 18 input-channel digital rack mixer
- 10 mix buses including 6 individually configurable FlexMixes (aux, matrix, or subgroup options)
- 130 simultaneous processors with State Space-Modeled Fat Channel compressor and EQ plug-ins available on every input channel and output bus
- FLEX FX multi-effects processor with 2 slots to load legendary reverb emulations and delays with 2 dedicated effects buses

Applications

- Installed Sound
- Mobile Applications
- Corporate
- Personal Monitoring
- Studio

One rack space to rule them all.

The StudioLive 16R digital mixer is four audio tools in a single rackspace. Use it as a standalone digital mixer with UC Surface remote mixing software. Pair it with your StudioLive Series III console mixer to use as a stage box or integrated monitor mixer. Connect it with EarMix 16M monitor mixers for the ultimate personal monitor system. Get professional recording results every time with the continuously bidirectional, 36-channel (18x18) USB audio interface featuring state-space modeled vintage dynamics and EQ plug-ins on every input and bus. Whether used standalone or as part of a complete audio system, no other rackmount digital mixer is as flexible or as powerful.

Inside the StudioLive 16R, the single-core PreSonus FLEX DSP Engine powers 18 mixing channels, 10 mix buses, and 130 simultaneous processors — including 2 stereo reverberation systems and Fat Channel plug-in models on every input channel and mix bus. This is a true 16-channel digital mixer that can comfortably fit in any size rig. Simply connect it to a standard wireless router and control every mix parameter from an iPad®, Android™ tablet, or Windows® Touch computer using UC Surface. UC Surface was designed to make mixing on a touch screen as intuitive as mixing on a control surface, but with the benefit of allowing you to mix front-of-house from anywhere in the venue.

An integrated monitor mixer.

For professional venues and touring acts in need of a dedicated monitor mixer, StudioLive Series III rack mixers provide a dedicated monitor mixer mode when used as a part of a larger StudioLive AVB network. When connected to a StudioLive Series III console mixer, the StudioLive 16R provides remote inputs and main outputs while simultaneously retaining full control over its FlexMixes so that you can create up to six monitor mixes complete with independent gate, compression, EQ, and effects on every channel and bus.

The perfect personal monitoring system.

When combined with up to 16 EarMix 16M personal monitor mixers, the StudioLive 16R is the most powerful personal monitoring hub available. With 6 FlexMix buses that can be configured as aux mixes, subgroups, or matrix mixes, the StudioLive 16R makes it easy to create simplified mixes for some EarMix 16M mixers, while give others on the same network access to all 16 channels. Two dedicated effects buses let you add reverb and delay and let the musicians control the blend from stage. No other personal monitoring system offers so much powerful processing with flexible, easy-to-use routing features.

The digital stage box.

As a digital stage box for StudioLive Series III console mixers, the StudioLive 16R provides 16 remote digitally controlled XMAX preamps that can gain-staged right from your StudioLive Series III console's Fat Channel. The outputs of the StudioLive 16R automatically mirror the mixes available on your console mixer, making routing fast and easy. Best of all, when you need a rackmount mixer for a small mobile gig, or remote corporate application, simply disable Stage Box mode, and you have a full-featured 16-channel digital mixer that fits into a single rackspace.

A complete networked solution.
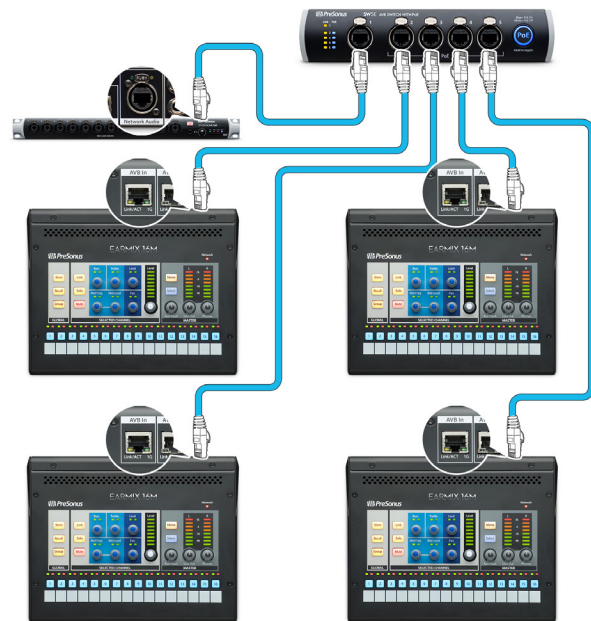
The StudioLive Series III ecosystem of networked products are at the forefront of AVB networking technology. Designed to complement each other, the ecosystem is easily expanded and quickly configured. The StudioLive 16R combines the powerful processing for which StudioLive Series III mixers are known with flexible modes to pair perfectly with console mixers and EarMix 16M personal monitoring mixers. Whether used standalone as a digital mixer and audio interface, or utilized with other StudioLive Series III ecosystem products, the StudioLive 16R combines flexibility with DSP power to become the ultimate compact audio solution.

Optional Accessories (Sold Separately)

The following optional accessories are available:
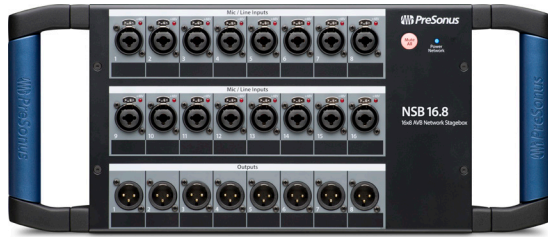
NSB-series stage boxes. The NSB 8.8 and NSB 16.8 offers 8 or 16 locking combo mic/line inputs with remote-controlled XMAX preamps that include gain compensation for shared input scenarios. Eight outputs employ locking XLR jacks. A built-in 2-port AVB switch lets you daisy-chain multiple units.

EarMix 16M Personal Monitor Mixer. The PreSonus EarMix 16M personal monitor mixer provides 16 input channels over AVB each with 3-band EQ and limiter. Power-over-Ethernet (PoE) allows for easy deployment.

SW5e AVB Switch. PreSonus' SW5E AVB switch supplies five AVB ports with secure locking XLR Ethernet jacks. Four PoE ports provide power for EarMix 16M personal monitor mixer and other PoE devices. Network Link/Activity indicators help you ensure that network data is flowing properly.

Technical Specifications

MICROPHONE PREAMPLIFIER	
Type	16 XLR Female, balanced (Combo connectors)
Frequency Response to Main Output (at unity gain)	20-20 kHz, ±0.5 dBu
Input Impedance	1 kΩ
THD to Main Output	<0.005%, +4 dBu, 20-20 kHz, unity gain, unwtd
S/N Ratio to Main Output (Ref = +4 dB, 20 kHz BW, unity gain, A-wtd)	94 dB
Common Mode Rejection Ratio (1 kHz at unity gain)	65 dB
Gain Control Range (±1 dB)	0 dB to +60 dB
Maximum Input Level (unity gain)	+12 dBu
Phantom Power (±2 VDC)	48 VDC, switchable per channel

LINE INPUTS	
Type	16 ¼" TRS Female, balanced (Combo connectors), 2 RCA female (unbalanced)
Frequency Response to Main Output (at unity gain)	20-20 kHz, ±0.5 dBu

Input Impedance	10 kΩ
THD to Main Output	<0.005%, +4 dBu, 20-20 kHz, unity gain, unwtd
S/N Ratio to Main Output (Ref = +4 dB, 20 kHz BW, unity gain, A-wtd)	94 dB
Maximum Input Level	+18 dBu

FLEXMIX OUTPUTS	
Type	6 ¼" TRS, balanced
Maximum Output Level	+24 dBu, ±0.5 dBu
Output Impedance	100Ω

MAIN OUTPUTS	
Type	2 XLR Male, balanced (Stereo Left/Right)
Maximum Output Level	Q+24 dBu, ±0.5 dBu
Output Impedance	100Ω

HEADPHONE OUTPUT	
Type	¼" TRS Female, active stereo
Maximum Output	100 mW/ch. @ 60Ω load
Frequency Response	20 Hz – 20 kHz (± 0.5 dB)
THD+N	0.01%, 1 kHz, max gain, 20 Hz BW, unwtd
S/N Ratio	96 dB, 1 kHz, max gain, 20 Hz BW, unwtd

SYSTEM CROSSTALK	
Input to Output	-90 dB (Ref = +4 dBu, 20 Hz-20 kHz, unwtd)
Adjacent Channels	-87 dB (Ref = +4 dBu, 20 Hz-20 kHz, unwtd)

DIGITAL AUDIO AND CONTROL	
ADC Dynamic Range	115 dB (A-wtd, 48 kHz)
DAC Dynamic Range	115 dB (A-wtd, 48 kHz)
USB Recording Port	USB 2.0, Type-B
Bluetooth™ Input	4.1, stereo
AES/EBU Output	XLR Male
Network Control Port	RJ-45
AVB Audio Network Port	Locking XLR Ethernet
Internal Processing	32-bit, floating point
DSP Engine	Quad-core FLEX DSP
Sampling Rate	44.1 and 48 kHz
A/D/A Bit Depth	24
Reference Level for 0 dBFS	+18 dBu
Total System Latency	1.9 ms (local routing, analog in-analog out, all processing active)
Jitter	<20 ps RMS (20 Hz - 20 kHz)
Jitter Attenuation	>60 dB (1 ns in, 1 ps out)

POWER / ENVIRONMENTAL	
Connector	IEC
Input-Voltage Range	90 to 230 VAC (±10%)
Power Requirements (continuous)	85W
Recommended Ambient Operating Temperature	0˚ to 40˚ Celsius / 32˚ to 104˚ Fahrenheit

PHYSICAL	
Height	1.75" (45 mm)
Width	19" (483 mm)
Depth	12" (305 mm)
Weight	8.6 lbs. (3.9 kg)

SG series

깨끗한 사운드와 다양한 기종, 그리고 폭 넓게 제공되는 하드웨어는 필요로 하는 대부분의 요구 조건을 수용할 수 있습니다.

SG-65

- 강의실 스피치용, 보조 플라잉, 사이드, 발코니로 적합
- 0.75" 중고역 컴프레션 드라이버
- 효율을 극대화한 스퀘어타입 보이스코일
- 8개의 M8리깅포인트 적용
- 12mm 자작나무 플라이우드 사용
- 'U'브라켓 기본포함, N-3멀티 앵글 벽 브라켓(옵션)적용

주파수 응답	80 Hz ~ 18 kHz (-10dB Point)
드라이버 구성	HF : 1 x 0.75" / LF : 1 x 6.5"
파워 핸들링	150 w RMS
임피던스	8 ohms
감도	95 dB (1w/1m)
최대 출력 감도	111 dB Continuous / 114 dB Peak
크로스오버 주파수	3.5 KHz Passive
커버리지	90°H x 90°V
커넥터	1 x 4 Pole Speakon™, 1 Pair Terminal
보호회로	HF Protection Control
인클로저 재질	12mm Plywood
도장및 마감	Polyurethane
색상	Black & White
리깅 포인트	8 x M8 insert, U Bracket(기본 적용), Wall Mount Point(Wall Mount 옵션)
제품 사이즈(HWD)	360x210x202mm
무게	8.7 kg

용도 : 중소규모 공연장, 라이브, 관공서, 강당, 종교 시설, 학교, 뮤지컬/연극 극장, AV 프리젠테이션, 인스톨용

SG-652

- 강의실 스피치용, 보조 플라잉, 사이드, 발코니로 적합
- 듀얼 6.5" 로우 트랜스듀서
- 0.75" 중고역 컴프레션 드라이버
- 효율을 극대화한 스퀘어타입 보이스코일
- 8개의 M8리깅포인트 적용
- 12mm 자작나무 플라이우드 사용
- 'U'브라켓 기본포함, N-3멀티 앵글 벽 브라켓(옵션)적용

주파수 응답	72 Hz ~ 18 kHz (-10dB Point)
드라이버 구성	HF : 1 x 0.75" / LF : 2 x 6.5"
파워 핸들링	250 w RMS
임피던스	8 ohms
감도	97 dB (1w/1m)
최대 출력 감도	117 dB Continuous / 120 dB Peak
크로스오버 주파수	3.5 KHz Passive
커버리지	90°H x 60°V
커넥터	1 x 4 Pole Speakon™, 1 Pair Terminal
보호회로	HF Protection Control
인클로저 재질	12mm Plywood
도장및 마감	Polyurethane
색상	Black & White
리깅 포인트	8 x M8 insert, U Bracket(기본 적용), Wall Mount Point(Wall Mount 옵션)
제품 사이즈(HWD)	514x210x215mm
무게	11.8 kg

용도 : 중소규모 공연장, 라이브, 관공서, 강당, 종교 시설, 학교, 뮤지컬/연극 극장, AV 프리젠테이션, 인스톨용

UHF Handheld Transmitter System

XD42H

Product Description

XD42H는 1채널 무선 수신기와 핸드핼드 송신기의 세트로서 뮤지션과 강연 등에 적합하고 925MHz에서 937.5MHz 사이의 주파수 대역에서의 사용이 가능합니다. 주파수 자동 선택이나 송신기 자동 설정이 가능하며 8단계 오디오 미터와 RF감도 LED 미터, 주파수 및 전원 잠금 기능 등이 있으며, OLED Display screen은 설치현장에서 보다 밝고 선명한 시인성을 제공합니다.

Key Features and Benefits

- 자동 주파수 선택 및 송/수신기 설정
- 3단계 건전지 잔량 표시 및 8단계 AF / RF LED 미터
- AA 건전지 2개 사용 및 3단계 건전지 잔량 표시
- 다기능 OLED Display screen 및 Auto Lock 설정
- 견고한 금속 구조
- 볼륨컨트롤이 가능한 전면 1/4" 모니터링 출력
- 19" Half Rack 디자인 수신기

System Specification

XD42H	
RF Carrier Frequency Range	925 to 937.5 MHz
Power consumption	3W
Power source	DC12V/1.5A
Audio Frequency Response	40 - 18,000 Hz
Working Range	100 m (300 ft)
Transmit power	maximum 10 - 30mW
Total Harmonic Distortion	<0.02 %, typical
Dynamic Range	>120 dB
Signal to noise ratio	>105dB
Battery	3V (1.5V AA x 2EA)
Continuous use time	Ref. 8hours