



PUBLIC ADDRESS SYSTEMS
PA EQUIPMENTS
DJ AMPLIFIERS



PRODUCT CATALOGUE



Late Shri CHANDRAKANT KANAIYALAL SHAH
FOUNDER SHAH GROUP

ABOUT US

Welcome to CKS Acoustics, a leading manufacturer of Audio-Visual and Stage Light Equipment. Our company was founded in 1966 by Mr. Chandrakant Kanaiyalal Shah with the vision of providing Audio-Visual & Electronic equipment to develop education. With the help of Audio-Visual Equipment, Mr. C.K. Shah visualized the development of the education industry. His visionary approach was backed by his two dynamic brothers Ashok Shah & Surendra Shah.

With over 5 decades of experience, CKS Acoustics is committed to delivering high-quality products and services. Our Research and Development team is equipped with the latest technology and full of enthusiasm to develop products that meet future requirements for Audio-Visual & Stage Light equipment. To maintain high levels of customer satisfaction, we have made our products user-friendly. We also provide project designing services to system integrators and our channel partners.

At CKS Acoustics, we pride ourselves on manufacturing major raw materials such as PCB, Chassis, all metal structured and wooden cabinets in-house, which helps us to maintain desired quality and excellence in our products. Our focus on quality and innovation has helped us to build a strong reputation in the industry.

Our vision is to become one of the largest and finest manufacturers of pro-audio equipment, while also becoming the most iconic brand in the upcoming era of Artificial Intelligence (AI) powered language. We strive to achieve this by consistently delivering high-quality products and services, and by staying at the forefront of technological innovation in our industry.

Our mission is to enhance professional, finest and quality equipment usage through professional distribution networks across the globe. We are committed to building strong partnerships with our customers and helping them achieve their goals by providing them with the best possible products and services.

Thank you for considering CKS Acoustics as your preferred Audio-Visual and Stage Light Equipment manufacturer. We look forward to working with you to meet all your equipment needs.

RAKSHIT CHANDRAKANT SHAH

Rakshit C Shah
DIRECTOR

BUILT UP JOURNEY.....





VISION BLOG

Welcome to our vision blog! At CKS Acoustics, we are committed to being a leader in our industry and creating a better future for ourselves and our customers. Our vision is to become one of the largest and finest manufacturers of pro-audio equipment, while also becoming the most iconic brand in the upcoming era of AI-powered language.

To achieve our vision, we are focused on several key areas:

Innovation: We believe that staying at the forefront of technological innovation is critical to our success. That's why we invest heavily in research and development, and work closely with our customers to understand their evolving needs and preferences.

Quality: Our reputation is built on the quality of our products and services. We are committed to maintaining the highest standards of quality in everything we do, from product design and manufacturing to customer support and after-sales service.

Customer satisfaction: Our customers are at the heart of everything we do. We are dedicated to providing them with exceptional products, services, and experiences that meet their needs and exceed their expectations.

Social responsibility: As a responsible corporate citizen, we are committed to making a positive impact on the world around us. We strive to operate in an ethical and sustainable manner, and to support initiatives that promote social and environmental well-being.

We believe that by staying true to our vision and values, we can build a successful and sustainable business that makes a difference in the world. Thank you for joining us on this journey.

RESEARCH & DEVELOPMENT

CKS ACOUSTICS has own well equipped research and development (R & D) department with highly skilled engineers who are delivering high class products in the audio industry since 57 years.

Under the vision of "Shape the Future with Innovation and Intelligence " CKS ACOUSTIC research is actively conducting research and development (R &D) to identify new future growth areas and secure advanced technologies for its products to create new experience.



COUNTRY WIDE SALE NETWORK

In India CKS ACOUSTICS products are sold through a network of over 200 Dealers & retailers.



Dealers & Retailers in India by States:

Andhra Pradesh • Bihar • Chhattisgarh • Gujarat • Haryana • Jharkhand • Karnataka • Kerala • Madhya Pradesh
Maharashtra • Orissa • Punjab • Rajasthan • Tamil Nadu • Uttar Pradesh • Uttarakhand • West Bengal

For Dealership or any further inquiry:

Contact - info@cksacoustics.com

 CONFERENCE SYSTEM 7

 AMPLIFIERS 15

 MICROPHONES 23

 MIXERS 31

 PORTABLE PA SYSTEM
& INSTALLED SOUND 35

 STABILIZERS 46

 PA FUNDAMENTALS 47

CONFERENCE SYSTEMS

CSM 6000E



CKC 550E / CKC 550 HDMI



FEATURES

- Adopt all-digital conference technology, developed based on digital network architecture, built-in high-performance CPU processor, faster processing speed, better sound quality, support discussion, video tracking functions
- High-performance switching power supply, long-distance transmission will not have any impact on sound quality
- Anti-interference circuit design to eliminate all interference from mobile phone signals
- 3.5-inch full-view IPS TFT screen, intuitive display & easy adjustment of system parameters
- Support USB recording, high-fidelity WAV format output
- With 4 channels of 8-core microphone unit interface, each channel supports 30 units, can be connected to 120 units

SPECIFICATION	CSM 6000E / CKC 550E / CKC 550 HDMI
Power supply	AC110V-220V/50Hz
Frequency response	20Hz-20kHz
S/N ratio	>96dBA
T.H.D	<0.05%
Recording connector	USB
Input connector	DIN-8 x4 RJ45 x3 (group)
Central controller connector	RS-232 (3P connector) x1
Camera switch connector	RS-232 (3P connector) x1
Video connector	HDMI 4x1 (Optional installation)
Camera control connector	6P connector
Computer connecting	USB x1 RJ45 x1
Audio input	RCA (unbalanced) x1
Audio output	XLR (balanced) x1 - 6.35mm (unbalanced)x1 - RCA (unbalanced)x3
Size (L x W x H)	483 x 265 x 88mm

CSM 6000C / CSM 6000D

CKC 551C / CKC 552D



SPECIFICATION	CKC 551C / CKC 552D	CSM 6000C / CSM 6000D
Working Voltage	24VDC	DC24V
Cable	8P-DIN	8P-DIN
Capsule	Cardioid	Cardioid
Sensitivity	-46dBV/Pa	-46 dBV/Pa
Frequency response	20Hz-20kHz	20Hz~20KHz
Input impedance	2 kΩ	2 kΩ
Directional $0^\circ / 108^\circ$	> 20 dB (1 kHz)	> 20 dB (1 kHz)
Equivalent noise	20 dB	20 dBA (SPL)
SPL	125 dB (THD<3%)	125 dB (THD<3%)
S/N ratio	>80dB	>80dB
T.H.D.	<0.05%	<0.05%
Built - in speaker	8Ω 2W	
Earphone load	> 10Ω	>10 Ω
Earphone volume	10mV	10 mV
Earphone jack	3.5mm x 1	3.5mm x1
Size (HxWxL) / Weight	52 x 125 x 185mm / 630gm	145 x 45 x 4mm / 0.45kg

FEATURES

- Patent appearance design, high-end and solemn.
- 20Hz—20KHz Professional hi-fi condenser capsule, good sensitivity, clear sound quality.
- Advanced circuit design, anti-interference.
- Red ring indicator shows the ON/OFF status.
- Luminous design for ON/OFF button.
- With LCD window.
- Built-in speaker and earphone output the volume can be set by main controller.
- Voice active function, the units turn on once the spokesman talk.
- Support multi chairman units, and the chairman unit can connect any position (CKC-551C)
- Hand-in-hand connecting, easy to install and maintain

CONFERENCE SYSTEMS

CWC 9000

Description :

CWC-9000 is a Novel shape design with built-in antenna, nice-looking and appropriate preferred choice for large and small sized conference projects. The main control machine can be connected to the central control, and the central control to deliver video tracking function for delegate units at conference site. Each unit is powered by chargeable lithium battery and completed with mini USB charger, convenient and environmental protection.

SPECIFICATIONS	CWC 9000
Mode of communication	UHF digital wireless mode (bidirectional)
Range of frequency	500MHz-980MHz
Mode of demodulating	FM
Receiving sensitivity	-100dBm
Signal coverage	indoor radius 60m
Audio frequency response	50Hz-15KHz
Total audio gain	≤20dB
SNR	>85dB
Total audio harmonic distortion	≥0.8%
Power input	DC12V-15V, ≥1A
Consumption power	<7W

WIRELESS CONFERENCE SYSTEM CONTROLLER



Features :

- > The system is operated under full digital mode and various speaking modes.
- > Using DQPSK digital modulation, Hi-Fi, high SNR and without sound delay.
- > The audio channel and control signal are transmitted wirelessly so layout of the conference site is flexible.
- > System delegate unit capacity ≤2000 pcs (including 5 chairman unit)
- > Ultra-low power consumption provides the delegate units with more than 6 hours' continuous speaking and more than 20 hours' standby.

WIRELESS CONFERENCE MICROPHONE

CHAIRMAN UNIT - CWC-9001C

Description :

The chairman unit is entitled to disenable any delegate unit without restriction and is granted with priority of speaking. It has more than 6 hours of continuous speaking time and 20 hours of standby time.

Features :

- > Electronic volume adjustment, with one-key anti-cough mute function.
- > Built-in high-capacity rechargeable lithium battery, each microphone unit is equipped with a dedicated charger.
- > The built-in antenna, ultra-low power consumption
- > The built-in Hi-Fi condenser sound head delivers superior sound reproduction, high articulation, low noise, efficient whistling inhibition function and powerful sound pickup.
- > Power display and under voltage warning, frequency channel and signal indication functions.

DELEGATE UNIT - CWC-9002D

Description :

CWC-9002D has more than 6 hours of continuous speaking time and 20 hours of standby time. Power display and undervoltage warning, frequency channel and signal indication functions.

Features :

- > Electronic volume adjustment, with one-key anti-cough mute function.
- > Built-in high-capacity rechargeable lithium battery, each microphone unit is equipped with a dedicated charger.
- > The built-in antenna, ultra-low power consumption
- > The built-in Hi-Fi condenser sound head delivers superior sound reproduction, high articulation, low noise, efficient whistling inhibition function and powerful sound pickup.

CWC-9001C



CWC-9002D



SPECIFICATION	CWC 9001C / CWC 9002D
Operating power	DC 3.7V ~ 5V
Consumption power	standby≤360mW,Speaking status≤630mW
Operating temperature	10°C-40°C
Mode of communication 1	UHF digital wireless mode (unidirectional)
Channel number	6 channels
Range of frequency	500MHz -980MHz
Mode of modulating	FM
Maximum modulated quantity	60K
Radiation power	≤ +9dBm
Frequency deviation	<0.002
Reference speaking distance	30cm-50cm

CONFERENCE SYSTEMS

UNIT CHARGER

CWC 9003CH



Features :

Built-in high-power switch power supply charges 28 wireless conference microphone units, featuring high-efficiency charging, overpower protection function, over current protection function and short-circuit protection function.

SPECIFICATIONS	CWC 9003CH
Input	AC 200-240V 50/60Hz 200W max
Output	DC 5V, 21000mA
Efficiency	75% typical, under full load
Output voltage tolerance	± 5%
Low standby power consumption	0.5W max
Output port	28 channels, standard USB port

ANTENNA AMPLIFIER

CWC 9004AD

Description :

A UHF active wireless directional antenna with dual-polarization with 1/2-wavelength omnidirectional antennas, the cardioid pickup pattern can more effectively receive signals in a predetermined coverage area, and more effectively cover radio frequency signals outside the area.

SPECIFICATIONS	CWC 9004AD
Frequency range	450-970MHz
Connector type	BNC, jack
Impedance	50 Ω
Power requirements	10 to 15 VDC offset from coaxial connection, 75 mA
Receiving mode (3 dB beam width)	70 angle
Antenna gain (on axis)	7.5 dBi
Signal gain	± 1 dB
Switchable Active	+12 dB, +6 dB, Passive: 0 dB, -6 dB
RF signal is too strong indicator threshold	-5 dBm
Third-order overload intercept point (OIP3)	> 30 dBm



Features :

- > The antenna amplifier is powered by a remote 12V DC power supply and is provided by the antenna distribution system through a coaxial cable
- > The gain setting is displayed by two LED lights.
- > The on-board amplifier provides the user with a selectable 3 or 10 dB gain
- > It can be mounted on a microphone stand, hang on the ceiling or mounted on the wall using a rotating adapter bracket
- > It can resist the influence of bad weather and is suitable for outdoor use.
- > Use two antennas to get the best diversity performance.

FEEDBACK REDUCER

AUTOMATIC FEEDBACK SUPPRESSOR

CWC 9005FR

FEEDBACK REDUCER



SPECIFICATION	CWC 9005FR
Number of input channels	4 channels (4 channels balanced input or select 4 channels 6.35 unbalanced input)
Power supply voltage	4 channels 48V phantom power supply
Rated voltage	220V ± 10% 50Hz
Frequency response	125Hz–15KHz (voice mode) / 20Hz–15KHz (music mode)
Distortion	> 0.1% @ 1KHz
Signal to noise ratio	> 90dB
Signal delay	7Ms (music mode) / 11Ms (voice mode)
Input impedance	20K ohm
Output impedance	(balanced) 200ohm
Temperature range	-10~55 °C
Weight	2.5KG
Size	480 × 212 × 44mm

Description :

The CWC-9005FR four-channel automatic high-speed feedback suppressor uses a powerful signal processor to suppress the occurrence of acoustic feedback. By adding shielding noise (inaudible noise) to the output signal, or changing the frequency of the output signal by 5 Hz, the CWC-9005FR feedback suppressor can detect the component that causes reverberation in the signal and remove it before the feedback appears, While keeping the initial signal intact. The feedback suppressor also has a built-in automatic mixer to achieve 4 microphone inputs. It uses echo cancellation and reverberation elimination algorithms to effectively filter room reverberation

Features :

- > 4-channel balanced line or microphone input, providing phantom power
- > Adaptive filter can switch between "fast" mode and "precise" mode
- > 2.2 inch color LCD display
- > Ultra-wide frequency response circuit technology, no sound change, no metal tail, strong echo suppression
- > Super stable: Built-in crystal oscillator, software algorithm, stable performance, little temperature and external interference.
- > The appropriate audio frequency spectrum can be customized according to the application, thereby greatly improving the system gain.

CONFERENCE WALL SPEAKER

CWC 9006 WS



Description :

- > Suitable for large / medium / small meeting rooms, banquet halls, classrooms and other occasions.
- > Stylist design, wooden cabinet
- > Water resistance, scratch proof color
- > High power & high efficiency SPL
- > Powder Coated front metal grill
- > Input Connection Speakon

SPECIFICATION	CWC 9006 WS
Type	Internal structure of two-way front-out ported horn
Woofer	165mm (6.5") cone-shaped speaker × 1
Tweeter	76mm (3") cone-shaped speaker × 1
Nominal Impedance	8Ω
Frequency Response	55Hz~20,000Hz
Efficiency	90dB
Rated input power	80W
Dimensions (WxHxD)	195x305x220



POWER AMPLIFIER



Features :

- > It is equipped with an on-board color display, flexible channel parallel connection and bridge connection, and 70V drive.
- > Provide a secondary energy recovery mode without degrading performance.
- > The system setup wizard helps you choose the correct preset.
- > Provide excellent performance to ensure that the energy consumption during the life of the device is maintained at the lowest level.
- > It is a high-performance and complex speaker processor, that the operation of the amplifier can become more accurate and efficient.

CWC 9007D AMP

Description :

The power amplifier is specially designed for system integration. Using CLASS-D technology. According to different models, the output size of one to four channels can be independently controlled. And can drive 70V or 100V speaker output through the bridge channel. Device can display power, voltage and current. In addition, the proven LLC power supply and a more efficient and controllable switching power supply with current output enable a single standard AC circuit breaker to carry high power.

SPECIFICATIONS	CWC 9007D AMP
Out Power (8Ω)	350Wx4
Out Power (4Ω)	500Wx4
Bridge Power (8Ω)	1000Wx4
Frequency Response	20Hz-20KHz(+/-3dB)
THD 20Hz-20kHz 8Ω	<0.05%
Noise	>95dB
Slew Rate	40V/μS
Damping Factor	>300
Input Sensitivity	1.2V
Input Impedance (Ω)	20K Ohm (balanced)
Input Connectors	3-pin XLR, balanced signal input
Output Circuitry	Class D
Output connectors	Terminal
Protection	Circuit, open circuit, overheat and RF protection, load protection for DC fault
Cooling Pattern	Fan
Power Supply Voltage	220V

POWER SEQUENCER

POWER SEQUENCER

CWC 9010PS



Description :

This machine is a compact and powerful intelligent timing device with DSP as the processor; it integrates the functions of a variety of conventional products in a cabinet with a height of only 1U rack. 10 sets of device switch scene data are saved/recalled, and the scene management application is simple and convenient. The 2-inch color LCD smart display window can display the current voltage, date and time, and channel switch status in real time.

SPECIFICATIONS	CWC 9007D AMP
Rated output voltage	AC 220V/50Hz
Controllable power supply	8 channels, plus 2 output auxiliary channels
Delay time of each action	0 to 999 seconds
Power supply	AC 220V 50/60Hz 30A
Single-channel rated output current	13A
Rated total output current	30A
Timer function	Yes
Gross weight	6KG
Packing size	536*410*80mm (mm)

Features :

- > 8-channel switch channel output, each delay opening and closing time can be set freely (range 0-999 seconds. The unit is second).
- > Support the panel Lock function to prevent misoperation.
- > Built-in clock chip, can set the automatic switch machine according to the date and time, without manual operation.
- > Support cascading sequence control of multiple devices, cascading automatic detection settings.
- > Configure 232 interface, support external central control equipment control.
- > Each device has its own ID setting and detection, which can realize remote centralized control.
- > Under voltage, over pressure detection and alarm.

CONFERENCE SYSTEMS

DSP-0404ND2 / DSP-0808ND2 / DSP-1616ND2

Description :

The DSP-0404ND2 / DSP-0808ND2 / DSP-1616ND2 audio processor combines Auto Mixer, Matrix Mixer, and Feedback suppressor in one purpose-built DSP processor. With built-in sound card. At the same time, it has independent FIR/AFC/ AEC/ ANS/ AGC gain sharing automatic mixing, threshold automatic mixing and other processing modules. The includes 4/8/16 mic/line analog inputs / outputs to meet the needs of a wide range of audio processing applications such as boardroom, medium/large conference rooms, courtrooms, auditoriums and multipurpose halls.

Features :

- > 4/8/16 analog balanced input/output, with a maximum input/output of 17dBu
- > I(5.48Vrms) without distortion.
- > I Stereo USB sound card function, supporting playback and recording
- > I USB/RS232/RS485, Network interface, computer software control and central control function, through the network connection can simultaneously manage multiple devices
- > I External 8-channel GPIO interface
- > I LCD screen, supporting configuration of device name/preset/IP, input/output volume, input mode, device version view and other functions
- > I Input 15-band PEQ, output 10-band PEQ
- > I Input/output 2000ms delayer per channel
- > I Output 512 Tap FIR per channel
- > I Input each channel voice excitation function (camera tracking), support with PELCO-D, PELCO-P, VISCA protocol, camera control
- > I 60 preset memory positions
- > I Support line control box control, Android APP Network Control
- > I Support archive locking, hide setting parameters, and ensure project technical security

DSP-0404ND2



4 In 4 out DSP audio processor AFC, AUTOMIX, RS 232 & camera control, DANTE Ultimo 4 Channel

DSP-0808ND2



8 In 8 out DSP audio processor AFC, AUTOMIX, RS 232 & camera control, DANTE Ultimo 4 Channel

DSP-1616ND2



16 In 16 out DSP audio processor AFC, AEC, ANC, AUTOMIX, RS 232 & camera control, DANTE Ultimo 4 Channel

SPECIFICATIONS	DSP-0404ND2	DSP-0808ND2	DSP-1616ND2
Signal processing	32-bit float point DSP 400MHz	32-bit fixed/floating-point DSP 300MHz	32-bit fixed/floating-point DSP 300MHz
Function	AFC, AEC, ANC, AGC, AUTO MIX, MATRIX MIX, Noise Gate, PEQ, input mode, device version view & other functions		
Audio system delay	< 3ms	< 1ms	< 1ms
D/A		24-bit	
Sample rate		48KHz	
Analog Audio Inputs and Outputs			
Input channel	4 balanced inputs Mic/line level	8 balanced, Mic/line level	16 balanced, Mic/line level
Audio interface	3.81 mm Phoenix plug, 12-pin	3.81 mm Euro block	3.81 mm Euro block
Input impedance	16kΩ	11.5KΩ	11.5KΩ
Max. input level	17dBu (5.48Vrms)/Line-3dBu (0.54Vrms) / Mic@20dB Gain gear		14dBu/Line, -7dBu/Mic
Phantom power supply	+48VDC, 5.5mA, configured per channel		+48VDC, 10mA, selectable per input
Output channel	4 balanced outputs, line level	8/8/16 balanced, line level	16 balanced, line level
Output Impedance		150Ω	
Audio Performance Specifications			
Frequency response	20Hz-20kHz (± 0.5dB)/Line, Input 0dBu (0.775Vrms) 20Hz-20kHz (± 1.5dB)/Mic, 20dB Gain gear, input -10dBu (0.245Vrms)		20Hz-20kHz(±0.5dB)/Line 20Hz-20kHz(±1.5dB)/Mic
THD+N	-90dB(@17dBu,1kHz,A-wt)/Line -90dB(@-6dBu,1kHz,A-wt)/Mic, 20dB Gain		LINE: 0.003% MIC: 0.005%
SNR	110dB(@17dBu,1kHz,A-wt)/Line 100dB(@-6dBu,1kHz,A-wt)/Mic, 20dB Gain		105dB(@12dBu,1kHz,A-wt)/Line 95dB(@-7dBu,1kHz,A-wt)/Mic
Connection and Display			
USB	Type-B 2.0, no drive		Micro-B type, free driver
RS232		Serial port communication	
TCP/IP	RJ-45		RJ-45, Optional
Indicator light	Link, +48V, input/output audio signal		Power, Link, +48V, Input and Output Audio signal
Electrical and Physical Parameters			
Power supply	90V-264V AC 50-60 Hz		AC100V—240V 50/60 Hz
Operation temperature	-20°C-80°C		-20°C-80°C
Dimension	483mm*265mm*44.5mm		44mmx483mmx210mm



CONFERENCE SYSTEMS

8-Zone/16-Zone Paing Microphone Station



DSP-M8V2

DSP-M16V2

SPECIFICATION	DSP-M8V2
Rated Output Level / Impedance	0dB / 600Ω Balanced
Input sensitivity / Impedance	-36dB / 20kΩ Balanced
Frequency Response (-1dB)	80Hz -15kHz
T.H.D	<0.1%
Hum & Noise	> 90 dB
Number of Zone	8 Zones
Weight (Net)	750g
Dimensions (W x Hx D)	15 x 60 x 195mm (only body)

SPECIFICATION	DSP-M16V2
Rated Output Level / Impedance	0dB / 600Ω Balanced
Input sensitivity / Impedance	-36dB / 20kΩ Balanced
Frequency Response (-1dB)	80Hz -15kHz
T.H.D	<0.1%
Hum & Noise	> 90 dB
Number of Zone	16 Zones
Weight (Net)	750g
Dimensions (W x Hx D)	15 x 60 x 195mm (only body)

Features :

8 ZONE Remote Microphone Station for DSP-0808ND2 / 16 ZONE Microphone Station for DSP-1616ND2

Controls :

Zone selector switches for Z1-Z8 / Z1-Z16. Talk & Chime on/off. Level control volume for Mic & Chime.

Connectors :

Rs485 communication with DSP-0808ND2 / DSP-1616ND2 DC12V input.

Indicators :

Power, Busy, Signal, Clip

AUDIO TRANSMITTER



Features :

- > Ideal interface to increase the number of microphones or AUX inputs
- > 4 balanced line outputs can be used simultaneously and all audio channels are used with Dante network.
- > 4 balanced MIC/AUX inputs, and also 4 outputs using phoenix connector
- > CAT5/6 connector to link with Dante network and controlled by Audinate
- > Small size integrated mounting bracket which can be installed in very limited space

SPECIFICATIONS	DSP-4140
Input	4 balanced / unbalanced input
Input Impedance	Greater than 1800 Ohms
Max. Input Level	+8du 0dB gain
Output	4 balanced / unbalanced output.
Output Impedance	200ohms balance
Max. Output Level	+20dbu balance
Req. Response	20 20Kz, +1dB
THD	Less than 0.02%
Power Requirements	12V DC 12V DC or POE
Dimensions	123x75x35 mm

Dante Wall Control Panel

ABT-4T4



Features :

4-channel by 25W Bluetooth Wall Amplifier. This 2-4 channel small bluetooth multi-home audio system equipped with micro USB/TF can power 2 to 8 pieces of speakers in your home or small commercial area. It uses a high-efficiency class-D amplifier for a maximum output of 2*25 or 4*25 watts, low-impedance speakers. Plus, you can control everything- seek, change tracks and adjust the volume - using the included wireless infrared remote controller.

DWC-8



Features :

Control protocol UDP communication protocol Address setting method TCP/IP Signal cable length 100 meters Power supply POE power supply Connection port RJ-45 Power consumption <100mw Color White Material Aluminum alloys sandblast



2-Channel Dante Converter

Features :

- Convert 2 channels of analog line input signals to a Dante network
- High Resolution 24 Bit Analog to Digital Conversion
- AES67 compliant
- Powered by Power over Ethernet switch or a PoE injector (802.3 af/at class1) or DC 5V via Micro USB connector

DIGITAL AUDIO PROCESSOR

Key Features:

- High-performance floating-point DSP processing chip;
- 16-channel balanced input audio channel, each MIC input supports 48V phantom power supply
- 16/8 balanced audio output channels
- 16-channel independent adaptive feedback suppressor
- 16 channel automatic mixing
- Input each channel: pre-amplifier, noise gate, compressor, 16-band parametric equalization, delayer.
- Output per channel: 16-band parametric equalization, frequency divider, high and low pass filter, limiter, delayer
- Built-in signal generator: sine wave signal, pink noise, white noise,
- The display on the front panel displays the IP address and the current preset
- Open RS-232, TCP/IP protocol to realize third-party control
- Camera tracking code output, easy to realize the camera linkage function through the third-party central control
- Support 32 sets of scene preset functions, which can be called through TCP/IP and RS-232 protocols.
- 1 USB telecommunication port

Specifications:

- Audio input: 16 balanced inputs, Phoenix plug
- Nominal input level: +4 dBu line or -40 dBu microphone level
- Microphone preamplifier gain: 0-40 dB analog gain, 20dB digital gain
- Maximum input level: +20dBu
- Input impedance: >5 k Ω balanced, >3k Ω unbalanced
- Common mode rejection ratio (CMRR): >70dB @ 1 kHz
- Preamplified equivalent input noise (EIN): <-125 dBu, 20Hz-22kHz
- Phantom power supply: +48 V DC
- Audio output: 8 Ω 20 balanced line level, Phoenix plug
- Nominal output level: 0 dBu line level
- Output impedance: 600 Ω balanced
- DSP frequency and processing capacity: 400Mhz, 400MIPS, 2200 MFLOP
- Sampling frequency/quantization: 48 kHz, 24Bit ADC, 24Bit DAC
- Frequency response: 20 Hz - 20 kHz, +/- 0.5 dB
- Dynamic range: 114 dB, ADC, DAC
- Total harmonic distortion: <0.01%; 20Hz Ω 20kHz@+4dBu
- Crosstalk between channels: >-80 dB @ 1 kHz, typical
- Equipment size WxDxH: 2U, 482 mm x 380mm x 88mm
- Power supply: 100 Ω 240VA, 50/60 Hz, 75W

CKC-1616



CKC-1616 / CKC-1608 / CKC-0808 is a powerful digital audio processor with 16/8 inputs, 16/8 outputs with touch screen operation control interface display. Ultra-low noise floor preamplifier circuit, low distortion analog circuit, 114dB audio AD/DA.

It is convenient for the administrator to quickly identify and distinguish the current processor when there are multiple processors in the system. The front panel has a network connection status indicator and an error alarm indicator. When there is a serious error, it can flash a red alarm. It can be connected to the Android system and supports smart phones or tablets to control the software package.

The control software is easy to understand and can be quickly operated without manual. Each input value can be directly entered with the keyboard to get the exact value.

For complex parameter adjustments such as PEQ and Limiter, the parameters can be quickly copied and pasted, and you can easily realize multi-channel data copying, and the operation is convenient.

DSP includes A 5-inch 16-bit true color (64K color) touch-sensitive display, which can adjust the volume of each channel, can call 32 sound effects scenes; displays the current IP address, the preset number currently used by the processor, and the presetname.

CKC-1616



AMPLIFIERS

Rugged & reliable amplifiers
designed to give sterling quality
without compromise!

DUAL CHANNEL POWER AMPLIFIERS

TWO ZONE PA AMPLIFIERS

DJ & PA AMPLIFIERS

PA MIXER AMPLIFIERS



Dj's & Stadium Fair & Exhibitions, Announcements & Music, Schools & Colleges, Shopping malls, Cinemas, Conference & Meetings, Stage Shows, Places OF Worship, Railway Stations, Bus Terminals

DUAL CHANNEL POWER AMPLIFIERS

DJ PROGRAMMES
STAGE SHOWS
MUSIC CONCERTS etc.....



MPA SERIES

AB CLASS

MPA-3600



MPA-2600



MPA-2000



MPA-1600



MPA-1200



MPA SERIES

• Two channel power amplifier designed for high end entertainment sound reinforcement • Rear mounted switch for level controls for each channel - MPA Series sufficient & powerful output capacity at 8 Ohms, 4 Ohms & 2 Ohms • Two high speed cooling fans for adequate cooling & allow extended use • Balanced XLR and Speckon outputs - Highly efficient, reliable & no interference for premium loud speaker system • 3U models features 1200W to 3600W per channel @ 4 Ohms • Advance protection circuit for protect from overload, over temperature, short circuit DC shock and frequency. • Active Crossover MPA 3600 & MPA 2600.

SPECIFICATION	MPA-1200	MPA-1600	MPA-2000	MPA-2600	MPA-3600
8Ω stereo power	2 x 250W	2 x 350W	2 x 400W	2 x 550W	2 x 750W
4Ω stereo power	2 x 450W	2 x 550W	2 x 700W	2 x 950W	2 x 1250W
2Ω stereo power	2 x 600W	2 x 800W	2 x 1000W	2 x 1300W	2 x 1800W
8Ω Bridge Mono power	900W	1100W	1400W	1900W	2400W
4Ω Bridge Mono power	1200W	1600W	2000W	2600W	3600W
Frequency Response	20HZ-20KHZ ± 0.1 db-0.3db 1W/8Ω				
THD+N (80HM 1KHZ IN ¼ OUTPUT)	<0.05%				
Signal Noise Ratio (dB)	>95dB				
Damping Factor (8Ω, 20Hz-1KHz)	>400				
Input connectors (per ch.)	3-pin XLR, electronically balanced				
Link connectors (per ch.)	XLR, 3 pin male				
Input Impedance	20KΩ Balanced, 10KΩ Unbalance				
Output topology	Class AB				
Dimensions (mm)	W 483 x H 146 X D 460	W 483 x H 146 X D 483	W 483 x H 146 X D 460	W 483 x H 146 X D 460	W 483 x H 146 X D 560
Weight	22.50 Kg	23.00 Kg	23.00 Kg	29.00 Kg	33.00 Kg



CKB SERIES



CKB 701



CKB 501

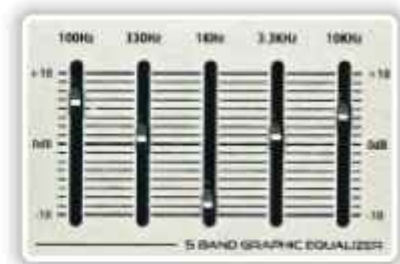


CKB SERIES

Rugged and reliable range of Amplifiers designed for use in wide variety of PA and DJ performances. Compatible to various input sources like Microphone, PA Mixer, DJ Mixer, CD/DVD Player, Multimedia Player, Cassette Player, Keyboard etc. These Amplifiers have 5-Band graphic equalizer which enable precise and accurate tonal setting of the sound quality. Amplifiers have built-in protection against over voltage in AC mains supply which is specially useful while operating on Gensets, also Indicator LEDs for Power, Signal, Temp, Overload and Fault conditions have been provided.

SPECIFICATION	CKB 501	CKB 701
Power Supply	AC: 220-240, 50 / 60Hz.	AC: 220-240, 50 / 60Hz.
Power Output	650W RMS Max. 500W RMS at 10% THD 475 RMS at 5% THD 450W RMS at 2% THD	1000W RMS Max. 700W RMS at 10% THD 650 RMS at 5% THD 600W RMS at 2% THD
Input Channel	Pre 200mV/ Line 1V 1xMic/ 1xAux/ 1x RCA in	Pre 200mV/ Line 1V 1xMic/ 1xAux/ 1x RCA in
Digital Player	USB/FM/BLUETOOTH	USB/FM/BLUETOOTH
Frequency Response	50-18000 HZ \pm 3dB	50-18000 HZ \pm 3dB
Tone Control	Low: (100Hz) \pm 10dB Low/MID: (330Hz) \pm 10dB MID: (1 kHz) \pm 10dB High/MID: (3.3kHz) \pm 10dB High: (10kHz) \pm 10dB	Low: (100Hz) \pm 10dB Low/MID: (330Hz) \pm 10dB MID: (1 kHz) \pm 10dB High/MID: (3.3kHz) \pm 10dB High: (10kHz) \pm 10dB
Cooling	DC Fan (120mm x 120mm)	DC Fan (120mm x 120mm)
Speaker Output	2 Ω , 4 Ω , 8 Ω , 70V, 100V Line	2 Ω , 4 Ω , 8 Ω , 70V, 100V Line
Dimensions (mm)	W 483 x H 146 x D 410	W 483 x H 146 x D 410
Weight	23.00 Kg	24.00 Kg

5 BAND GRAPHIC EQUALIZER



BALANCED MIC WITH PHANTOM SUPPLY



TWO ZONE PA AMPLIFIERS

CTZ SERIES

Rugged and reliable range of Two Zone PA Amplifiers are ideal for multi-speaker installations where a user needs to separately set power levels for two separate areas such as indoors & outdoors.
Built-in two 100V Line outputs for speakers & Driver Units.

CTZ SERIES

CKS ACOUSTICS CTZ-7000 & CTZ-5000 is rugged, reliable, cost-effective 700 watts & 500watts Two Zone Amplifier. It is a ideal for multi-speaker installations where a user needs to separately set power levels for two separate areas such as indoors & outdoors.

6 Mic, 2 Aux, Inputs and CD/DVD/Stereo music input (L&R)

Built-in MP3 player with remote control and LCD display for USB, SD card, BLUETOOTH.

Stereo/Mono switch to change ambience of Mp3 music player & CD/Stereo music for DJ programmes.

Facilitates connection and operation of two groups of speakers simultaneously on 'Mono' mode. Ideal for Places of Worship.

Line Input & Output on each zone for connecting to a Mixer and Booster Amplifier respectively. Pre-amplifier output for recording.

Box Speaker/Driver Unit selector switch for each zone. Bass boost defeated at Driver Unit position for safer operation of driver units.

Resettable circuit breaker for protection against overload and short circuit.

Zone ON/Off facility. Output levels of each Zone can be set independently to desired levels and the zones can be switched ON/OFF without disturbing the volume settings.

Instant transfer to DC power (Car Battery) if AC power Fails.

Bar Graph Signal Display.

CTZ-7000



CTZ-5000



70V
100V
LINEA
CLASS B

SPECIFICATION	CTZ-7000	CTZ-5000
POWER OUTPUT	500W+500W RMS Max. 350W+350W RMS @ 10% THD 300W+300W RMS @ 5% THD	300W+300W RMS Max. 250W+250W RMS @ 10% THD 200W+200W RMS @ 5% THD
For each Zone	280W+280W RMS @ 2% THD	175W+175W RMS @ 2% THD
OUTPUT REGULATION	< 2dB, no load to full load at 1kHz	< 2dB, no load to full load at 1kHz
INPUT CHANNELS	Mic/Aux 6 x Mic 0.6mV/4.7kΩ, 2 x Aux 100mV/470kΩ Stereo L/R 200mV/100kΩ, Line L/R 1V/50kΩ	Mic/Aux 6 x Mic 0.6mV/4.7kΩ, 2 x Aux 100mV/470kΩ Stereo L/R 200mV/100kΩ, Line L/R 1V/50kΩ
FREQUENCY RESPONSE	50-15,000Hz±3dB for each Zone	50-15,000Hz±3dB for each channone
SIGNAL TO NOISE RATIO	60dB	60dB
TONE CONTROLS	Bass: ±10dB at 100Hz, Treble: ±10dB at 10kHz. For each Zone	Bass: ±10dB at 100Hz, Treble: ±10dB at 10kHz For each channel
OUTPUTS	Pre-amp 200mV/600Ω, Line 1V/1kΩ	Pre-amp 200mV/600Ω, Line 1V/1kΩ
SPEAKER OUTPUTS	4Ω, 8Ω, 70V & 100V for each Zone	4Ω, 8Ω, 70V & 100V for each Zone
DIGITAL PLAYER	Mp3 Player with USB, SD card, Bluetooth	
POWER SUPPLY	AC: 220-240V 50/60Hz DC: 36V (3 x 12V Car Battery)	AC: 220-240V 50/60Hz DC: 24V (2 x 12V Car Battery)
POWER CONSUMPTION	AC: 1100VA DC: 13A	AC: 700VA DC: 9A
DIMENSIONS/WEIGHT	W 512 x H 185 x D 475mm/40Kg	W 512 x H 180 x D 390mm/24Kg

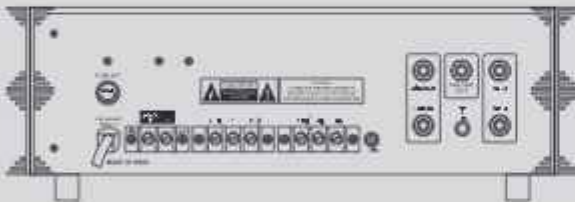


CKA SERIES

CKA-600



CKA-400



70V
100V
LINE

B
CLASS

CKA-600 / CKA-400

CKA-600 / CKA-400 are rugged and highly reliable 600/400 watts Amplifier. It is designed to give high power clean sound and trouble free operation under extreme climatic conditions. Compatible for all type of Public Addressing, Live concerts, Stage shows, Indoor & outdoor programs, religious programs etc.

FEATURES

CKA-600 7 Mic & 2 Aux Inputs.

CKA-400 6 Mic & 2 Aux Inputs.

Pre-amplifier and Line Output for connecting to a Booster Amplifier and recording the programs.

Line input for connecting the output from any external mixer or permitting CKA-400 to be used as a Booster Power Amplifier.

Built-in Digital Player with USB, SD card, Bluetooth.

Resettable circuit breaker for protection against overload and short circuit.

Instant transfer to DC power (Car Battery) if AC power fails.

Box Speaker/ Driver Unit selector switch. Bass boost defeated at Driver Unit position for safer operation of DRIVER UNITS.

SPECIFICATION	CKA-600	CKA-400
POWER OUTPUT	700W RMS Max. 600W RMS @ 10% THD	450W RMS Max. 400W RMS @ 10% THD
INPUT CHANNELS	6 x Mic 1mV/4.7K Ω 2 x Aux 100mV/100K Ω 1 x Line 1V/50K Ω	7 x Mic 0.6mV/4.7K Ω 1 x Aux 100mV/470K Ω , 1 x Aux 200mV/470K Ω 1 x Line 1V/50K Ω
FREQUENCY RESPONSE	50-15,000Hz \pm 2dB	50-15,000Hz \pm 2dB
TONE CONTROLS	Bass: \pm 10dB at 100Hz Treble: \pm 10dB at 10kHz	Bass: \pm 10dB at 100Hz Treble: \pm 10dB at 10kHz
SPEAKER OUTPUTS	4 Ω , 8 Ω , 70V & 100V	4 Ω , 8 Ω , 70V & 100V
DIGITAL PLAYER	Mp3 Player with USB, SD card, Bluetooth	Mp3 Player with USB, SD card, Bluetooth
POWER SUPPLY	AC: 220~240V 50/60Hz DC: 36V (3 x 12V Car Battery)	AC: 220~240V 50/60Hz DC: 24V (2 x 12V Car Battery)
DIMENSIONS	W 505 x H 155 x D 500mm	W 480 x H 160 x D 370mm
WEIGHT	26Kg	21Kg

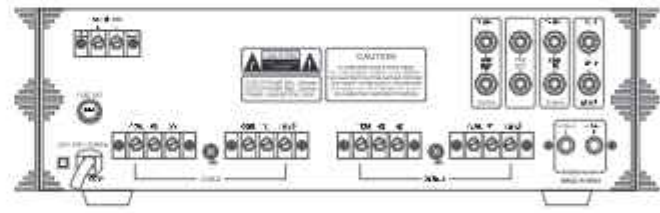


CKA SERIES

CKA-250



B CLASS



CKA-180





Rugged and reliable range of PA Amplifiers to give high power clean sound and trouble free operation under extreme climatic conditions.

Compatible for all type of Public Addressing, Live concerts, Stage shows, Indoor & outdoor programs, Religious programs etc..

Built-in 100V Line output for Speakers & Driver Units



19" RACK MOUNT



CKA-250 /CKA-180

CKA-250 & CKA-180 is rugged and highly reliable 350 watts Amplifier. It is designed to give high power clean sound and trouble free operation under extreme climatic conditions. Compatible for all type of Public Addressing, Live concerts, Stage shows, Indoor & outdoor programs, Religious programs etc.

FEATURES

6 Mic and 2 Aux Inputs.

Mic-1 & Mic-2 equipped with Digital Echo.

Mic Priority for Mic-6

Built-in Mp3 Player with USB, SD card reader, Bluetooth and Recording facility.

PRE-OUT & LINE OUT for connecting to a Booster Amplifier and for recording.

LINE IN for connecting the output from any external mixer or permitting CKA-250 /CKA-180 to be used as Booster Power Amplifier.

Resettable circuit breaker for protection against overload and short circuit.

Instant transfer to DC power (Car Battery) if AC power fails.

Box Speaker/Driver Unit selector switch, Bass boost defeated at Driver Unit position for safer operation of driver units.

SPECIFICATION	CKA-250
Power Output	300W Max., 250W RMS @ 10% THD 220W RMS @ 5% THD, 200W @ 2% THD
Output Regulation	< 2db, no load to full load @ 1KHz
Input Channels	6 x Mic 0.7mV/4.7Ω, 2 x Aux 100mV/470KΩ, 1 x Line 1V/50KΩ
Frequency Response	50-15000 Hz ±3dB
Signal to Noise Ratio	60dB
Tone Controls	Bass : (100Hz) ± 10dB, Mid : (1KHz) ± 10dB, Treble : (10KHz) ± 10dB
Output	Preamp 200mV/600Ω, Line 1V/1KΩ
Speaker Output	2Ω, 4ΩH, 8Ω, 70V & 100V
Digital Player	Mp3 Player with USB, FM Radio, BLUETOOTH and RECORDING
Power Supply	AC : 220-240, 50/60Hz, DC : 24V (2 x Car Battery)
Power Consumption	AC : 460VA, DC : 6A
Digital Echo	Delay Time : 60-300ms
Dimensions	W483 x H146 x D355mm
Weight	16.00 Kg

SPECIFICATION	CKA-180
Power Output	240W Max., 180W RMS @ 10% THD 160W RMS @ 5% THD, 140W @ 2% THD
Output Regulation	< 2db, no load to full load @ 1KHz
Input Channels	6 x Mic 0.7mV/4.7Ω, 2 x Aux 100mV/470KΩ, 1 x Line 1V/50KΩ
Frequency Response	50-15000 Hz ±3dB
Signal to Noise Ratio	60dB
Tone Controls	Bass : (100Hz) ± 10dB, Mid : (1KHz) ± 10dB, Treble : (10KHz) ± 10dB
Output	Preamp 200mV/600Ω, Line 1V/1KΩ
Speaker Output	2Ω, 4ΩH, 8Ω, 70V & 100V
Digital Player	Mp3 Player with USB, FM Radio, BLUETOOTH and RECORDING
Power Supply	AC : 220-240, 50/60Hz, DC : 24V (2 x Car Battery)
Power Consumption	AC : 320VA, DC : 4A
Digital Echo	Delay Time : 60-300ms
Dimensions	W483 x H146 x D355mm
Weight	13.500 Kg



PA MIXER AMPLIFIERS

CKA SERIES

Rugged and reliable range of Two Zone PA Amplifiers are ideal for multi-speaker installations where a user needs to separately set power levels for two separate areas such as indoors & outdoors.
Built-in two 100V Line outputs for speakers & Driver Units.

B
CLASS

CKA-65



CKA-90



CKA-150



5 Mic & 2 Aux Inputs.

Pre-amplifier and Line Output for connecting to a Booster Amplifier and for recording the program.

Bass and Treble controls which enable precise and accurate tonal setting of the sound quality.

Dual Power operation, AC mains & 12VDC. Provision of automatic changeover from AC to 12V Battery if AC power fails.

Built-in Digital Music Player with Bluetooth & Recording

SPECIFICATION	CKA-150	CKA-90	CKA-65
POWER OUTPUT	175W RMS Max. 150W RMS @ 10% THD	120W RMS Max. 90W RMS @ 10% THD	80W RMS Max. 65W RMS @ 10% THD
INPUT CHANNELS	5 x Mic 1mV/4.7kΩ 2 x Aux 70mV/100kΩ	5 x Mic 1mV/4.7kΩ 2 x Aux 70mV/100kΩ	3 x Mic 1mV/4.7kΩ 1 x Aux 100mV/470kΩ
FREQUENCY RESPONSE	50-15,000Hz ± 2dB	50-15,000Hz ± 2dB	50-15,000Hz ± 2dB
TONE CONTROLS	Bass: ±10dB at 100Hz, Treble: ±10dB at 10kHz	Bass: ±10dB at 100Hz, Treble: ±10dB at 10kHz	Bass: ±10dB at 100Hz, Treble: ±10dB at 10kHz
SPEAKER OUTPUTS	4Ω, 8Ω, 16Ω & 100V Line	4Ω, 8Ω, 16Ω, & 100V Line	4Ω, 8Ω, 16Ω, & 100V Line
DIGITAL PLAYER	Mp3 Player with USB, SD card, Bluetooth & Recording	Mp3 Player with USB, SD card, Bluetooth/Rec.	Mp3 Player with USB, SD card, Bluetooth
POWER SUPPLY	AC: 220~240V 50/60Hz DC: 12V (1 x 12V Car Battery)	AC: 220~240V 50/60Hz DC: 12V (1 x 12V Car Battery)	AC: 220~240V 50/60Hz DC: 12V (1 x 12V Car Battery)
DIMENSIONS/WEIGHT	W 390 x H 130 x D 297mm/9.3Kg	W 360 x H 130 x D 300mm/8.3Kg	W 275 x H 115 x D 255mm/4.6Kg

MICROPHONES

WIRED & WIRELESS

CKS ACOUSTICS offer rugged and reliable microphones with superb speech quality and excellent finish. Highly sensitive microphone pick up even weak sound from longer distance & wider area. Suitable for all type of Public Addressing, Drama, Stage shows, Group singing and many more applications.



Places of Worship



Schools



Performances



Addressing / Presentations



Public Meetings / Interviews / Recordings / Presentations /
Car Paging / Celebrations / Mobile Announcements /
Tourist Coaches / Place of Worship

and many more.....

DYNAMIC MICROPHONES

DYNAMIC SERIES

Extra Sensitive, wide Frequency response, Clean Sound Dynamic Microphone. Ideal for Vocal and Instrument.

SPECIFICATION	CKM-111	CKM-222
Type	Dynamic Capsule	Dynamic
Polar	Super-Cardioid	Uni-directional
Frequency response	40Hz-15KHz	80-11KHz
Sensitivity	$-51 \pm 2\text{dB} (0\text{dB} = 1\text{V/Pa})$ (at 1KHz)	$-75 \pm 3\text{dB}$
Impedance	$570\Omega \pm 15\%$ at 1KHz	$600\Omega \pm 30\%$

SPECIFICATION	CKM-333
Type	Dynamic
Polar	Uni-directional
Frequency response	80-11KHz
Sensitivity	$-73 \pm 3\text{dB}$
Impedance	$600\Omega \pm 30\%$

SPECIFICATION	CKM-444	CKM-777
Type	Dynamic	Dynamic Capsule
	Uni-directional	Super-Cardioid
		ON/OFF switch
Sensitivity	80-11KHz	$-52\text{dB} (0\text{dB} = 1\text{V/Pa})$
Pin		XLR type Output
Impedance	600Ω	600Ω
Frequency Response	50Hz-16KHz	50Hz-16KHz

SPECIFICATION	CKM-888	CKM-999
Type	Dynamic Capsule	Dynamic Capsule
	Super-Cardioid	Cardioid
	None-switch, plating color	
Sensitivity	$-52\text{dB} (0\text{dB} = 1\text{V/Pa})$	$-53 \pm 2\text{dB} (0\text{dB} = 1\text{V/Pa at 1KHz})$
Pin	XLR type Output	XLR type Output
Impedance	600Ω	$450\Omega \pm 15\%$ at 1KHz
Frequency Response	50Hz-16KHz	40Hz-15KHz



CKM-111 CKM-222 CKM-333



CKM-444 CKM-777 CKM-888 CKM-999

CONDENSER SERIES



CKM-5C



CKM-555C

CKM-666C

SPECIFICATION	CKM-5C
Type	Condenser Capsule
	None-switch
Pattern	Cardioid
Sensitivity	-49dBV/Pa
Pin	XLR type Output
Impedance	120Ω
Power	48V phantom power
S/N	70dB(A)
Max S.PL	150dB
Distortion	<0.01%
Frequency Response: 60Hz-20KHz	60Hz-20KHz

SPECIFICATION	CKM-555C	CKM-666C
Type	Condenser Capsule	Condenser Capsule
Frequency Response	30-18KHz	30-18KHz
Impedance	600Ω ± 30%	600Ω ± 30%
Sensitivity	-40 ± 3dB Output	-40 ± 3dB Output
Impedance	2.2KΩ	2.2KΩ
Current consumption	500uA	500uA

BOUNDARY MICROPHONE

CKB 393C



SPECIFICATION	CKB-393C
Frequency response	30 to 20,000 Hz
Sensitivity	-34 dB (19.9 mV) at 1V at 1 Pa
Resistance	200 ohms
High-pass filtering	80 Hz, 18 dB/octave
Maximum input sound pressure level	130 dB sound pressure, 1 kHz at 1% T.H.D.
Dynamic Range	104 dB, 1 kHz at maximum sound pressure
Noise ratio	68 dB, 1 kHz at 1 Pa
Phantom Power Supply	DC 11 to 52V DC, power consumption 3 mA
Output connection head	Built-in TB3M Cannon head
Large and small	W84 x H23 x D108 (mm)
Weight	266 g

CKB 393C

CKS Acoustics Boundary Microphone is a heart-shaped directional flat microphone, designed for flat placement applications, provides high - quality audio, conference, professional recording, television broadcasting and other demanding audio applications.

FEATURES

Light - touch electronic switch of the microphone can be set in three modes, "press the switch repeatedly," "press the speech," and "press the dumb tone."

Electronic switches can be set to connect external equipment and controlled remotely by switches on the microphone.

Pointing characteristics : half - heart - shaped single - pointing

It provide ultra-quiet electronic switches that control microphone receiver operation and display the status of LEDs on the microphone.



HANGING MICROPHONE



FEATURES

- Frequency response for accurate sound
- Polar pattern for application
- High Sensitivity and wide frequency range
- Ideal for stage and Drama

SPECIFICATION	CKO 202C
Type	Polar Pattern
Frequency response	50 to 17,000 Hz
Signal to Noise Ratio Cardioid	66.0
Dynamic Range	96.5dB
Power Requirements	48V Phantom Power

CKO 202C





WIRELESS SERIES

CKW 7000



fitted with rechargeable LITHIUM BATTERY



CKW-7000

CKS Acoustics Cordless Microphone is a dynamic microphone with a UHF high band transmitter and a sensitive noise squelch receiver. Ideal for PA Applications, stage and auditoriums, seminar halls, places of worship and recreation centres.

FEATURES

- Strong anti-interference system with UHF band.
- System has built-in ID code technology.
- Receiver has 6.35mm and XLR output for different connection.

SPECIFICATION	CKW 7000
Frequency range	500MHz-900MHz
Modulation mode	Digital FM
Frequency response	50Hz-18KHz
S/N rate	>90db
T.H.D.	<0.5% @1KHz
Output level	200mV +/-5V
Microphone element	Dynamic
Receiver power supply	12V/500mV

WIRELESS SERIES

SPECIFICATION	CKW-6000
Receiver	
Frequency Range	UHF600-937MHz(region dependant)
Frequency Oscillation Mode	PLL synthesized
Frequency Response	40Hz-17KHz±3dB
Distortion	<0.5%
Signal/Noise Rate	>98dB (A weighted)
Receiving Sensitivity	5dBuV
Antenna	BNC Type
Receiver Power Supply	DC 12V/500mA
Temperature Range	- 10°C ~ +60°C
Body-Pack	
Transmitter Frequency Range	UHF600-937MHz(region dependant)
Frequency Oscillation Mode	PLL synthesized
Modulation Type:	FM
Frequency Stability	±0.005%
Transmission Power	10mW
Frequency Switch	IR Sync
Capsule Type:	Condenser
Battery Power	3V(2*1.5V AA)
Continuous Using	>6 hours
Temperature Range	- 10°C ~ +60°C
SPECIFICATION	
Hand held transmitter	
Frequency Range	UHF600-937MHz(region dependant)
Frequency Oscillation Mode	PLL synthesized
Modulation Type	FM
Frequency Stability	±0.005%
Transmission Power	10mW
Frequency Switch	IR Sync
Capsule Type	Dynamic
Battery Power	3V(2*1.5V AA)
Continuous Using	>6 hours
Temperature Range	- 10°C ~ +60°C

FEATURES

- UHF600 - 937MHz (region dependant)
- HD LED display.
- Digital ID code, completely solve the frequency interference.
- Preset 100 selectable channels (each side)
- IR sync downloading the frequency from receiver.
- Frequency locking function in receiver



CKW-6000

CKS Acoustics Cordless Microphone is a dynamic microphone with a UHF high band transmitter and a sensitive noise squelch receiver. Ideal for PA Applications, stage and auditoriums, seminar halls, places of worship and recreation centres.



WIRELESS SERIES



CKW-5000

CKS Acoustics Cordless Microphone is a dynamic microphone with a UHF high band transmitter and a sensitive noise squelch receiver. Ideal for PA Applications, stage and auditoriums, seminar halls, places of worship and recreation centres.

FEATURES

- UHF600 - 937MHz (region dependant)
- HD LED display.
- Preset 100 selectable channels (each side)
- IR sync downloading the frequency from receiver.

SPECIFICATION	CKW-5000
Receiver	
Frequency Range	UHF600-937MHz(region dependant)
Frequency Oscillation Mode	PLL synthesized
Frequency Response	40Hz-17KHz±3dB
Distortion	<0.5%
Signal/Noise Rate	>98dB (A weighted)
Receiving Sensitivity	5dBuV
Antenna	BNC Type
Receiver Power Supply	DC 12V/500mA
Temperature Range	- 10°C ~ +60°C

Body-Pack	
Transmitter Frequency Range	UHF600-937MHz(region dependant)
Frequency Oscillation Mode	PLL synthesized
Modulation Type:	FM
Frequency Stability	+0.005%
Transmission Power	10mW
Frequency Switch	IR Sync
Capsule Type:	Condenser
Battery Power	3V(2*1.5V AA)
Continuous Using	>6 hours
Temperature Range	- 10°C ~ +60°C

SPECIFICATION	Hand held transmitter
Frequency Range	UHF600-937MHz(region dependant)
Frequency Oscillation Mode	PLL synthesized
Modulation Type	FM
Frequency Stability	±0.005%
Transmission Power	10mW
Frequency Switch	IR Sync
Capsule Type:	Dynamic
Battery Power	3V(2*1.5V AA)
Continuous Using	>6 hours
Temperature Range	- 10°C ~ +60°C



WIRELESS MICROPHONES



This Wireless system has built-in digital chip. It is more reliable wireless system and easy to operate. The system is fit for home singing, school, meeting-room and outdoor performing.

FEATURES

- Strong anti-interference system with UHF Band.
- Transmitter has adjustable frequency function for more system using at the same time.
- 6.35 audio plug for mini-receiver and easy to use
- Receiver has auto-lock frequency function
- Recharging and overload protecting for battery on receiver.

SPECIFICATION :

Frequency range	600MHz-700MHz
Modulation mode	Digital FM
Frequency response	50Hz-18KHz
S/N rate	>90dB
T.H.D.	≤0.5%@1KHz
Output level	200mV ±5mV
Microphone element	Dynamic/Condenser
Receiver battery	3.7V/18650 Li-ion



WPS 1000



WPS 2000



WPS 3000



WPS 4000



MIXERS

AUDIO & DJ

CKS ACOUSTICS Professional Audio Mixers enable effortless management of multi-microphone installations under the most demanding conditions. It provides small, portable units for field use and large table top units for large music programmes.



Concerts

Live Shows

Religious Gathering



BMS SERIES

PLUTO SERIES

MERCURY SERIES

BMS 402 / 702

TECHNICAL DATA

4 Line Channel / 7 Line Channel
3 Band EQ
1 Stereo Group Buses
2/4 Mic
16 DSP Effect
1 Aux Send
18W/ 25W AC Power Consumption
Dimension 240*207*37mm/ 240*290*37mm
Bluetooth play
Digital display MP3 (U-DISK MP3 Input); MP3 with REC
+48V phantom power
Karaoke Delay function
Dual 7 Band EQ
Dual 6 Band level display main output
REC, Headphone monitor output

BMS 402



BMS 702



CKM-PLUTO 5



CKM-PLUTO 5

CKS Acoustics CKM Pluto 5 is the Mixer Specially design for small live functions, clubs and small size installation.

- 5 Balanced Mike input • 1 Stereo input • Full time Fader control • Switchable phantom power • 3 band EQ • Pan for 2 stereo out • Built-in reverb control, 2/5 Road level display output. • Recording, headphone output Microphone/line channels. • To accept a variety of balanced or unbalanced mic signals can change the delay time

CKM-MERCURY 6



CKM-MERCURY 6

CKS Acoustics Mercury-6 is the Mixer Specially design for small live functions, clubs and small size installation.

- 6 MIC input • There is mute function in each channel. • Equipped with PFL in each channel • Left, Right Main output, Effect output • 16 kinds of DSP effect • Separately faders control MP3 volume • 48V phantom power supply • 7 bands EQ in main output • MP3 player with recording function and Bluetooth • With monitor control

CFX SERIES



FEATURES

- Dual 7 band Graphic Equalizer
- Rotary control knobs per channel
- 24 bit DSP effect processing
- 2 sub group out, 2 main mix out
- 36 Effect modes, power-off memory, CD liquid crystal display, easy to operate.
- The two groups are equipped with independent outputs to make the connection more flexible
- Built in 36 kinds of DSP effect. It is comparable with the popular X5 effect device in the market
- Single + 48V power switch
- Mp3 large screen player, effect display, high quality dual display
- High quality USB music player with Bluetooth connection
- 2 auxiliary transmitters for easy expansion of equipment
- 60mm long life high resolution pusher
- External lossless power supply to minimize the background noise
- Global phantom power
- 48KHz sampling frequency.
- Standard double 12 segment level meter.

SPECIFICATION	CFX6022XU	CFX8022XU	CFX1022XU	CFX1222XU	CFX1622XU	CFX2022XU
Inputs	2Mic/Line +2 Stereo	4 Mic/Line +2 Stereo	6 Mic/Line +2 Stereo	8 Mic/Line +2 Stereo	12 Mic/Line +2 Stereo	16 Mic/Line +2 Stereo
Nominal Gain (Mic/Line/Stereo line)	60dB					
Max Gain (Mic/Line/Stereo line)	80dB					
Input Levels Sensitivity	(20 HZ-20KHz)					
Mic (Gain Min/Gain Max)	(+10 to +60dB)					
Line (Gain Min/Gain Max)	(-10 to +40dB)					
Input Impedance	Mic input: $\geq 1.0k \Omega$ / line output: $\geq 10k \Omega$					
Main Output Level (Nominal/Max)	Balanced XLR socket, unbalanced 1 / 4 socket					
Main Output Impedance	About 240 Ω for balanced type and 120 Ω for unbalanced type					
Frequency Response	20Hz–20KHz (+1, -3dB)					
Total Harmonic Distortion	$\leq 0.01\%$ (+4dB, 1KHz)					
Signal to Noise Ratio	$\geq 113dB$					
Equalisation (Mic/Stereo Line)	12KHz + /-15dB MF : 5KHz + /-15dB LF : 80Hz + /-15dB					
Effect	36 Effects 24-bit DSP, 48KHz					
Phantom Supply	48VDC					
Power Supply	AC100--120V/200--240V 50/60Hz					
Dimensions (W*D*H)mm	26*38*8	31*38*8	34.2*38*8	39.7*36*8	50*38*8	60.9*38*8
Net Weight (kgs.)	4.6	5.2	5.75	6.35	7.5	8.6



ACTIVE CROSSOVERS

DRIVE RACK CDX 260



CAX 234XL



CAX 234XS



DriveRack CAX 234XL / CAX 234XS

CKS Acoustics have also introduced a range of Analog Active Crossover for 3 way & 4 way widely used crossover is 234XL (Black) 234XS (Silver).

SPECIFICATION	DRIVE RACK CAX 234XL / CAX 234XS
Interface	1/4 inch TRS
Type	electronic balance / imbalance, with RF filter
Impedance	balance > 50K ohm, unbalanced > 25K ohm
Maximum input level	> +24dBu balanced or unbalanced
Impedance	200 ohm balanced, unbalanced 100 ohm
Bandwidth	20Hz-20kHz, +0/-0.5dB
Frequency response	< 3Hz-90kHz, +0/-3dB
Crosstalk between channels	< -80dB, 20Hz-20kHz
The stereo mode	MF / HF: 45-960Hz or 450-9.6kHz (X10)
Mono mode	Low frequency / intermediate frequency: 45-960Hz or 450-9.6kHz (X10)
MF / HF	45-960Hz or 450-9.6kHz (X10)
Filter type	Linkwitz-Riley 24dB/oct, a static variable

DRIVE RACK CDX 260

CKS Acoustics have made digital crossover with 2 in x 6 out with display Limiter & Crossover.

SPECIFICATION	DRIVE RACK CDX 260
Analog Inputs:	
Number of Inputs	(2) Line inputs, (1) RTA Mic input
Connectors	(2) Female XLR line inputs, XLR RTA Mic input
Type	Electronically balanced/RF filtered
RTA Mic Phantom Voltage	+15VDC
RTA Mic EIN	< -110 dBu, 22 Hz - 22 kHz, 150 ohm
Analog Outputs:	
Number of Outputs	(6) Line Outputs
Connectors	Male XLR
Type	Electronically balanced, RF filtered
Impedance	120 ohms
D/A Performance:	
Dynamic Range	112 dB A-weighted, 110dB unweighted
Power Supply:	
Operating Voltage	Domestic Model: 100-120VAC 50/60 Hz - EU Model: 220-240 VAC 56/60 Hz,
Power Requirements	25 Watts
Physical:	
Weight	5.5 lbs.(2.5 kg) - Shipping weight 7 lbs. (3.18 kg)
Dimensions	1.75" H x 7.875" D x 19" W

PORTABLE PA SYSTEMS

Convenient, Compatible & Complete:

CKS ACOUSTICS portable PA systems are attractive, ready to use packaged system with microphone, amplifier and speaker all supplied in one integrated package for indoor and outdoor.

APPLICATIONS:

Music & Vocal performances, Conferences & Lectures, Presentations, Religious Discourses & Gatherings, Touring PA, Yoga / Zumba / Aerobic Classes, Political Rally, Class Rooms, Laughing Club, Karaoke Singing, Musical Instruments etc.



KARAOKE
SING ALONG

Public Addressing



Musical Instruments



Yoga, Aerobic & Zumba Classes



Religious Gathering



School & Coaching Centers



and many more.....

CKS-1280TW

CKS-1280TW has a built-in Power Amplifier with multiple inputs & 12V/7Ah Rechargeable dry Battery for use in a wide variety of PA and Musical Programmes. This is an ideal equipment for small as well as medium gathering of around 150 people.

APPLICATION

Musical & Vocal performances, Conferences & Lectures, Presentations, Religious Discourses & Gatherings, Touring PA, Yoga/ Zumba / Arobic Classes, Political Rally, Class Rooms, Laughing Club, Karaoke Singing, Musical Instruments etc.

KARAOKE
SING ALONG



120W

3-WAY

IMPRESSION
PA & INSTRUMENT AMPLIFIER



CKS-1280TW

3-WAY PORTABLE PA SYSTEM

MICROPHONES & INSTRUMENT

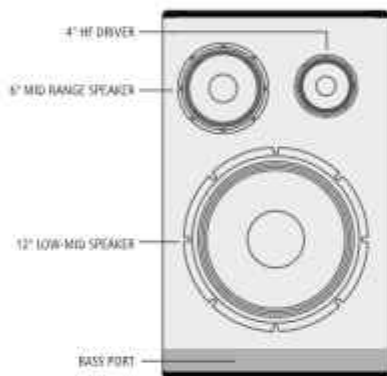
3 Wired & 2 Wireless Microphones
Instrument Input
Digital Echo Control
Individual Bass/Mid/Treble Control for Microphones

DIGITAL MUSIC PLAYER & RECORDER

USB / SD / FM Radio / BLUETOOTH / RECORDING
11 KEYS for easy operation
Full functions Remote Control
3.5mm Jack & 2 Pin RC Socket for AUX/CD/DVD/DTH
Music Volume/ Bass/ Treble for Music Player

KARAOKE FACILITY WITH RECORDING

KARAOKE SING ALONG with either Wired or Wireless Microphone with recording feature.



PORTABLE PA

Rugged MDF Cabinet coated with High Quality Weather proof Acoustic Paint.

Heavy Duty Rust Free Powder Coated front grill.

Trolley & Wheels for Easy Movement. (as per demand)

Both Side Handle for carrying.

In-built 12V/7Ah Re-chargeable battery for backup.

External Battery attachment for extra backup.

PORTABLE PA

Public Addressing



Musical Instruments



Yoga, Aerobic & Zumba Classes



Religious Gathering



School & Coaching Centers



CKS-1080DLX

CKS-1080DLX has a built-in Power Amplifier with multiple inputs & 12V/7Ah Rechargeable dry Battery for use in a wide variety of PA and Musical Programmes. This is an Ideal equipment for small as well as medium gathering of around 150 people.

APPLICATION

Musical & Vocal performances, Conferences & Lectures, Presentations, Religious Discourses & Gatherings, Touring PA, Yoga/ Zumba / Arobic Classes, Political Rally, Class Rooms, Laughing Club, Karaoke Singing, Musical Instruments etc.

KARAOKE
SING ALONG



10"

DUAL

INSPIRATION
PORTABLE PA SERIES



CKS-1080DLX

2-WAY PORTABLE SYSTEM

MICROPHONES & INSTRUMENT

3 Wired & 2 Wireless Microphones
Instrument Input
Digital Echo Control
Individual Bass/Mid/Treble Control for Microphones

DIGITAL MUSIC PLAYER & RECORDER

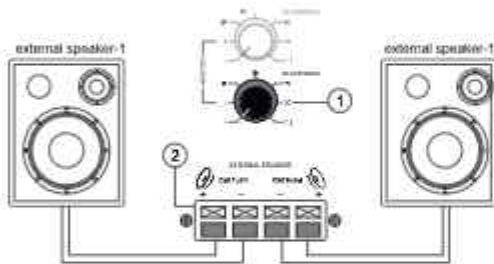
USB / SD / FM Radio / BLUETOOTH / RECORDING
11 KEYS for easy operation
Full functions Remote Control
3.5mm Jack & 2 Pin RC Socket for AUX/CD/DVD/DTH
Music Volume/ Bass/ Treble for Music Player

KARAOKE FACILITY WITH RECORDING

KARAOKE SING ALONG with either Wired or
Wireless Microphone with recording feature.



PORTABLE PA



CKS-1080DLX provide the facility of two External Speaker through EXTERNAL SPEAKER (2) Socket to produce 30Watts Music Power each. Sound level can be adjusted by MASTER (EXTERNAL)(1). Connection diagram as shown as fig.

External speakers are not a part of main unit.



Rugged MDF Cabinet coated with
High Quality Weather proof
Acoustic Paint.

Heavy Duty Rust Free Powder Coated
front grill.

Trolley & Wheels for Easy Movement.
(as per demand)

Both Side Handle for carrying.

In-built 12V/7Ah Re-chargeable
battery for backup.

External Battery attachment for extra backup.

PORTABLE PA

Public Addressing

Musical instruments

Yoga, Aerobic & Zumba Classes

Religious Gathering

School & Coaching Centers





INSPIRATION SERIES

CKS-860BD

CKS-860BD has a built-in Power Amplifier with multiple inputs & 12V Rechargeable Lithium Ferro Phosphate Battery for use in a wide variety of PA and Musical Programmes. This is an Ideal equipment for small as well as medium gathering of around 150 people.

APPLICATION

Musical & Vocal performances, Conferences & Lectures, Presentations, Religious Discourses & Gatherings, Touring PA, Yoga/ Zumba / Arobic Classes, Political Rally, Class Rooms, Laughing Club, Karaoke Singing, Musical Instruments etc.

FEATURES

- 3 Wired Microphone Inputs,
- In-built Wireless Micr

filled with:



**6000mAH
QUICK CHARGE**

LITHIUM FERRO PHOSPHATE BATTERY



KARAOKE
SING ALONG



SPECIFICATION	CKS-860BD
Power Output	60Watts RMS, 80Watts Max.
Input Channels	3 x Wired mic. / 2 x Wireless mic. 1 x Aux (Keyboard/guitar)
Tone Controls	Bass : ± 10 dB at 100Hz Treble : ± 10 dB at 10KHz
Frequency Response	60-20,000Hz
Digital Player	Mp3 Player with USB, SD card reader, Aux, FM Radio, Bluetooth & Recording
Digital Echo	for Mic-2, Mic-3 & Wireless mics
Power Supply	AC : 220~240VAC/50-60Hz DC : 12V/6AH in-built Rechargeable Batt. DC : 12V Car Battery via Ext. Batt. socket



CKS-40BT V2

2-ZONE PA & INSTRUMENT AMPLIFIER

KARAOKE
SING ALONG



CKS-40BT V2 has a built-in Power Amplifier with multiple inputs & 12V Re-chargeable Lead Acid Battery for use in a wide variety of PA and Musical Programmes. This is an ideal equipment for small gathering of around 50 people.

APPLICATIONS:

Music & Vocal performances, Conferences & Lectures, Presentations, Religious Discourses & Gatherings, Touring PA, Yoga / Zumba / Aerobic Classes, Political Rally, Class Rooms, Laughing Club, Karaoke Singing, Musical Instruments etc.

FEATURES:

- 2 Way • 3 Wired Microphones Inputs. • Wireless Microphones compatible. • Digital Echo Effect. • Line out to link another amplifier, or for recording on a computer. • 8" Full Range Speaker • 40W music Power
- High Quality Acoustic Painted Wooden Cabinet.
- Digital Music Player with BLUETOOTH • Priority on Mic line input - 1 • With charging indicator • Guitar input



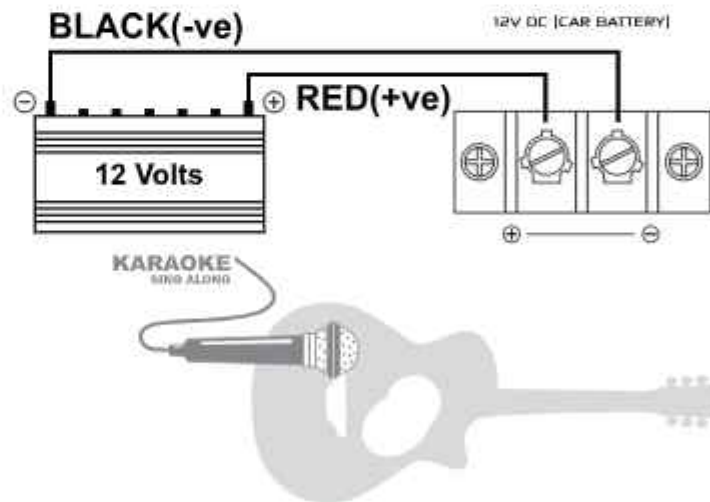
INTERNAL BATTERY:

CKS-40BT V2 has a built-in 12V Re-chargeable Lead Acid Battery for long life trouble free usage.

CHARGING BATTERY: Insert the POWER CABLE provided with apparatus into CHARGING SOCKET(3), the RED(1) led turn on means charging is running on.

Important: For better battery life fitted inside; charge the apparatus at least hours before first use. Avoid over charging

EXTERNAL BATTERY: External Battery(for example CAR BATTERY) can be connected to TERMINAL(2) as per fig.-5. Make sure about polarity (+ve / -ve) while connecting External Battery



SPECIFICATION	CKS-40BT V2
Power output	40W RSM / 50W Max.
Input Channels	3 x Wired Mic, 1 Wireless Mic
Frequency Response	50 - 20,000 Hz / 3db
Tone Controls	Bass: ± 10 db at 100Hz, Treble : ± 10 db at 10k Hz
Digital Player	Mp3 Player/USB/SD Card/Aux/FM/Bluetooth
Power Sup.	AC: 220-240VAC 50-60 Hz/12V/4.5Ah in built Re-chargeable Battery
AC Power Consumption	240VA
Dimensions	W323 x H292 X D174 mm
Weight	7.04 Kg (Including in-built battery)

* Specifications & design are subject to change without notice.

CRG-5010

CAFÉ • RESTAURANT • GYM



SPECIFICATION	CRG-5010 (OUTPUT)
Power output	500 Rms / 50W x 10 @ 4Ω with Class D Topology
Output Channels	10 x mono / 5 x Stereo
Frequency Response	40 - 20,000 Hz / 3db
Master Controls	10 Individual Master controls with Mute Switches
Sub Out	Yes
Line In /Out	Yes
Power Sup.	AC: 220-240VAC 50-60 Hz
Dimensions	W323 x H292 X D174 mm
Weight	7.04 Kg

CRG-5010 is High power 10 ch. amplifier for Gymnasiums, Fine Dining Restaurants, Cafe's. Also useful for Home Entertainment, It delivered 500 Watts RMS (50Watts x 10).

Offering you not only bluetooth connectivity for your Smart phone or Tablet, it can also be used with three microphones (with echo, frequency controls and mic volume controls), and has the ability to playback from USB in addition, there is a built in FM Radio Tuner and RCA inputs for connecting a CD player or other external device.

SPECIFICATION	CRG-5010 (DIGITAL PLAYER)
Digital Player	USB / FM Tuner / BLUETOOTH / Aux
Tone Controls	5- Band Graphic Equalizer
Music Volume	Yes
Recording	Yes
Keys	9 Keys
Remote Control	Yes

SPECIFICATION	CRG-5010 (MICROPHONES)
Input Channels	3 x Microphones (Balanced/ Unbalanced)
Tone Controls	Bass / Mid / Treble @ ±10dB
Echo Controls	Depth / Delay / Feedback controls
Volume Controls	3 individual Volume controls with Echo ON/OFF Switch for 3 Mic
Phantom Power	Yes (Mic-3)

CGA-208BT PA & GUITAR AMPLIFIER

Microphone:

- # VOLUME control for adjusting Mic Level
- # ECHO control for adjusting Echo Level

Guitar input:

- # CLEAN & OVERDRIVE Volume
- # GAIN Setting for OVERDRIVE
- # TONE Control
- # REVERB Control for both CLEAN & OVERDRIVE

SPECIFICATIONS	CGA-208BT
Power output	40W RSM / 50W Max.
Input Channels	1 x Wired Mic, 1 x Guitar Input
Frequency Response	50 - 20,000 Hz / 3db
Tone Controls(Digital Player only)	Bass: ± 10db at 100Hz, Treble : + 10db at 10k Hz
Digital Player	Mp3 Player/USB/Aux/FM/Bluetooth
Power Sup.	AC: 220-240VAC 50-60 Hz
Head Phone Socket	Yes 4 mm
Dimensions	W383 x H292 X D17
Weight	



LECTERN



CAP-1500FXR

ACTIVE PODIUM

Compact, reliable and easy-to-assemble PA Lectern System with built-in 100W amplifier.

Fitted with three 8" Full Range Speakers & Two 3" HF Drivers.

Provision to connect Two External Speakers (8ohms). It gives 25Watts for extra covering.

Fitted with a 460mm (18") detachable gooseneck condenser microphone with Hall Effect & Voice Enhance.

Reading light, for the podium top.

Combo socket for connecting Dynamic microphone either balanced or unbalanced.

In-built two UHF Wireless microphones, one Hand held & other Head worn.

3 Band Equalizer (Low/ Mid/ High) for Dynamic & Wireless Microphones.

Full function switchable Echo (Depth/ Delay/ Feedback) for Wired & Wireless microphones.

Digital Multimedia Player with USB Playback, FM Radio, Aux in, Bluetooth & Recording.

Line out to connect external Amplifier & Sub Out to connect Active Subwoofer.

SPECIFICATION	CKS DP-2
Material	Wooden / Metallic
Mounting	Floor mounted with Wheels
Types of chasis / frame	Wooden / Metallic
Features	
Space for additional device	Yes
Drawer / cabinet	Yes
Display	
Touch screen	21.5 inch or higher
Type	LED
Screen resolution	1920 x 1080 pixel or more
Aspect Ratio	16:9
Stylus (With shipment)	Battery free pen operated
Color	16.7 M or more color
Color depth	8 bits or more
Static contrast	1:1000 or more
Brightness	250-300 nits or more
Touch support	Available
Flicker free	Yes
Microphone Gooseneck mic	1
Ergonomics Tilt	Up to 40° or more
Connectivity	HDMI (1), VGA (1), 3.5 mm Audio IN/Out - (1/1), USB 2.0 - (3),

SMART PODIUM WITH TOUCH DISPLAY & MIC



FEATURES

- Fixed with a 460mm (18") detachable gooseneck condenser microphone with Hall Effect & Voice Enhance.
- Digital Multimedia Player with USB Playback, FM Radio, Aux in, Bluetooth & Recording.
- 3 Pin socket compatible to Indian electrical configuration

WALL MOUNT SPEAKER

INSTALL SERIES

ALL WEATHER 2-WAY
WALL MOUNT LOUDSPEAKERS

FEATURES:

Compact and classic full-range, all-purpose wall mount speaker, exceptional reproduction of music and speech for outdoor commercial background and foreground applications.

2-way system with integrated passive crossover network and tweeter; overload protection.

4", 5", 6" & 8" high output woofer and 1" voice coil compression driver with 130° horn, brilliant audio with wide controlled coverage pattern for vertical or horizontal mounting.

40Watts, 50Watts, 60Watts & 80Watt RMS running to 100 Watt maximum efficient high power output for clear and powerful sound.

Simple and flexible installation, U bracket and M6 screw knob with integrated Recessed carry handles.

DESCRIPTIONS:

The full-range wall mount speaker series is designed for professional music and speech reproduction in an impressive array of background and foreground audio applications. The classic and robust design suits a variety of commercial interiors. Ideal for single-source audio in smaller venues, or straight-freoard integration into multi arrays.



CKW-440/550/660/880



SPECIFICATION	CKW 440	CKW 550	CKW 660	CKW 880
Tweeter	1" (25mm) Silk Soft Dome	1" (25mm) Silk Soft Dome	1" (25mm) Silk Soft Dome	1" (25mm) Silk Soft Dome
Woofer	4" Graphite Cone, Rubber Surround	5" Graphite Cone, Rubber Surround	6" Graphite Cone, Rubber Surround	8" Graphite Cone, Rubber Surround
Frequency Range +/-3	75Hz - 20kHz	75Hz - 20kHz	75Hz - 20kHz	75Hz - 20kHz
Power Handling RMS	40W Program (Switchable 70V/100V or Ohms)	50W Program (Switchable 70V/100V or Ohms)	60W Program (Switchable 70V/100V or Ohms)	80W Program (Switchable 70V/100V or Ohms)
Output SPL	90 ± 3dB	90 ± 3dB	90 ± 3dB	90 ± 3dB
Input Power	8Ω-0-40W-25W-12.5W-6.25W	8Ω-0-50W-25W-12.5W-6.25W	8Ω-0-60W-25W-12.5W-6.25W	8Ω-0-80W-25W-12.5W-6.25W
Resonant Freq.(F0)	56 ± 15Hz	56 ± 15Hz	56 ± 15Hz	56 ± 15Hz
Impedance	8 Ohms	8 Ohms	8 Ohms	8 Ohms
Termination	Standard Rotary Connector	Standard Rotary Connector	Standard Rotary Connector	Standard Rotary Connector
Attachment	Brackets Waterproof Cover	Brackets Waterproof Cover	Brackets Waterproof Cover	Brackets Waterproof Cover
Housing Material	ABS	ABS	ABS	ABS
Certification	IP66 Waterproof Speaker	IP66 Waterproof Speaker	IP66 Waterproof Speaker	IP66 Waterproof Speaker

INSTALL SERIES

CIS 1202 / CIS 1002 / CIS 802

8" 2WAY

10" + HF
300W12" 2WAY
IMPACT

CKS ACOUSTICS CIS Series CIS 1202 / CIS 1002 / CIS 802 are a compact professional speakers perfectly suitable for various portable and installed applications. It is lightweight and compact, easy to set up and operate and complemented by its distinct feature of being used as a PA system or a stage monitor. The CIS 1202 / CIS 1002 / CIS 802 are specially designed for applications including House of Worship, banquet halls, nightclubs, auditoriums, ballrooms and many other venues.

LIGHT WEIGHT HEAVY DUTY

SPECIFICATION	CIS 1202	CIS 1002	CIS 802
Brand Name	CKS ACOUSTICS	CKS ACOUSTICS	CKS ACOUSTICS
Speaker Type	2 WAY	2 Way	2 WAY
Speaker Size	12"	10"	8"
Product Dimension	345 x 390 x 634 mm (L x W x H)	300 x 335 x 620 mm (L x W x H)	255 x 250 x 410 mm (L x W x H)
Model Number	CIS 1202	CIS 1002	CIS 802
Manufacturer	CKS ACOUSTICS	CKS ACOUSTICS	CKS ACOUSTICS
Item Weight	24 kg	19.5 kg	11.6 kg
Color	Black	Black	Black
Material	Wood	Wood	Wood
Wattage	550 W	300 W	300 W
Recommended Uses For Product	Banquet halls, nightclubs, auditoriums, ballrooms & many other venues	Banquet halls, nightclubs, ballrooms & many other venues	Banquet halls, nightclubs, auditoriums, ballrooms & many other venues
Grille	1.6 mm Perforated Weatherised MS	1.6 mm Perforated Weatherised MS	1.6 mm Perforated Weatherised MS

CEILING SPEAKERS

CEILING SPEAKERS



CKS 0606B / CKS 0606W / CKS 0505W

FEATURES:

• High-quality sound: With 6 watts of power, this in-ceiling speaker delivers crisp, clear sound that is sure to impress. • The speaker is designed for easy installation. • The speaker's discreet design allow it to blend seamlessly into any room or decor, making it a great choice for both residential and commercial settings. • The speaker is suitable for use in homes, showrooms, offices, hospitals and more making it a versatile choice for a wide range of applications. • This speaker is compact and unobtrusive, making it a great choice for those who want high-quality audio without sacrificing space.

SPECIFICATION	CKS 0606W / CKS 0606B	CKS 0505W
Speaker Type	Ceiling Mount	Ceiling Mount
Speaker Unit	6" woofer	5" woofer
Rated Power	6W RMS	6W RMS
Frequency Response	150 - 1500Hz	85 Hz to - 20 KHz
Input Voltage (Max)	100V	100V
Sensitivity	92db - (1W / 1M)	89db - (1W / 1M)
Material Type	Metal	Metal
Net Weight	0.935	0.780
Colour	White/Black	White

CKS 0606B

CKS 0606W



CKS 0505W

STABILIZERS

STABILIZERS

5KVA, 7.5KVA, 10KVA, 15KVA



SPECIFICATION	5KVA, 7.5KVA, 10KVA, 15KVA
Input	140 V -280 V / AS REQUIRED (Optional)
Output	Settable Voltage with on load tap change switch 230 Volts
Metering	Digital Display : Input volts / OUTPUT Volts
Frequency	50 ±Hz, Same as input
Efficiency	> 99%
Harmonic Distortion	Nil, Sine wave output (as input)
Capacity	5 KVA TO 15 KVA, Higher capacity available on demand
Overload	120% for 60 Sec.
Protection	Auto cut off at ADJECT SET OUTPUT VOLTAGE, Auto Reset and Output available at even 1 volt below set voltage
Pre Buzzer Alarm	Audible alarm -5 Volts before set cut off voltage to do reduction of output switch, avoids output cut-off



APPLICATIONS

- PA System Operation, Pro Audio System
- Music Systems
- Musical party outdoor programme
- Offices
- Residences
- R & D Lab.
- Testing / Measuring Instruments.

CKS 0505W

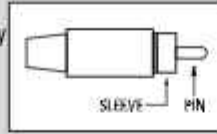


CONNECTORS

There are various connectors used with the PRO-TEQ range of PA Products.

1. RCA Phono Plug

A popular audio connector used on auxiliary inputs & booster in/out connections; also commonly used on mixers, CD & tape players. They are wired using single core screened cable.



2. XLR Plug

This is the industry standard microphone connector; robust and relatively simple to install. There are a number of ways in which they can be wired.



Balanced Operation

Pin 1 connects to screen (Signal earth)
pin 2 connects to signal + (Live)
pin 3 connects to signal - (Return)

Quasi Balanced Operation

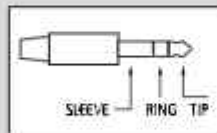
Pin 1 & 3 connects to the screen of the cable
Pin 2 connects to signal conductor.
The Pin numbers are identified on XLR plug and an easy way to remember how they should be wired is :
X = Earth (Pin 1)
L = live (Pin 2)
R = Return (Pin 3)

3. 6.3mm (1/4") Phone Plug

There are two versions of this connector in common use, MONO & STEREO.

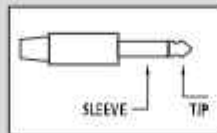
The STEREO plug is used for BALANCED operation and wired as follows:

- TIP - Signal +
- RING - Signal -
- SLEEVE - Screen



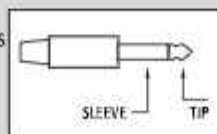
The MONO plug is used for UNBALANCED operation and wired as follows:

- TIP - Signal +
- SLEEVE - Screen



The MONO plug is also used for QUASI-BALANCED operation and is wired as follows:

- TIP - Signal +
- SLEEVE - Signal-, Screen



4. SPEAKON Plug

This is used in some models of PRO-TEQ speaker systems for connecting to an amplifier. The pin configurations are shown in the diagram.



LOUDSPEAKER CABLE SIZE & CONNECTIONS

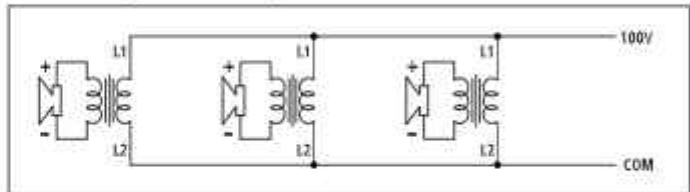
100V LINE

When installing a 100V line system, it is important that the correct size of cable is used to connect the speakers to the amplifier. The following chart gives an indication of the maximum cable length which can be used for each type of cable (cables specified by number & diameter of wire in mm).

100V Amp	24/0.2	32/0.2	48/0.2	80/0.2	1280/0.2	172/0.25
30W	800m	1066m	1600m	2666m	4266m	6400m
60W	400m	533m	800m	1333m	2133m	3200m
120W	200m	266m	400m	666m	1066m	1600m
240W	100m	133m	200m	333m	533m	800m

As the voltage on the line can approach 100 volts, installation must follow best practice with double insulated cable being used. Cable runs should be kept away from any potential source of interference such as 3 phase mains, data, telecom cables etc.

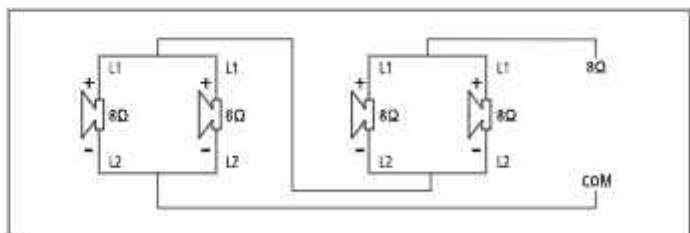
100V Line System must always be wired in PARALLEL:



NOTE: The total load presented to the amplifier must not exceed the rated output of the amplifier or damage can result.

LOW IMPEDANCE

All the amplifiers in the PRO-TEQ range have the facility for connection of low impedance loudspeakers. On low impedance, to minimize power losses, short cable runs are recommended. Where it is intended to use multiple low impedance speakers to cover an area, the speakers must be wired in a series/parallel arrangement in such a way to present the correct load to the amplifier.



NOTE: The total load impedance presented to the amplifier must never be below the rated amplifier impedance, otherwise damage can result. To avoid damage to the speakers the total wattage of the driver units should be at least 30% higher than the rated power output of the amplifier.

You must NEVER mix 100V line and low impedance speaker on the same system.



A one stop solution for system integrators Sound hirers, DJ's, Conference Room, Corporate client, Hospitals, Hotels, Auditoriums, Pubs, Restaurants, Gymnasium, Cafes, Institutes, School, Colleges & large size gatherings.

Design and specifications are subject to change without notice owing to continuous product up-gradation.

technical specifications are subject to production tolerances.

we can not be held responsible for printing error, should they occur.

 is a registered trademark of CKS Acoustics India Pvt. Ltd.

CKS ACOUSTICS INDIA PVT. LTD.

B1 + B2 + B3/1, Corner Plot, GIDC Electronic Estate, Inside GIDC GEZIA Gate No.1,
GIDC, Sector-25, Gandhinagar - 382024, Gujarat, INDIA.

contact : +91 95120 10980
email : sales@cksacoustics.com



www.cksacoustics.com