SOUNDVISION™

PROFESSIONAL PRODUCTS CATALOG

2021

FULLY DIGITAL CONFERENCE & SOUND SYSTEMS

CE RoHS compliant

PRODUCTS CONTENTS

CATEGORY

OUR CUSTOMERS

CONFERENCE SYSTEMS

The perfect every time to meeting

CONFERENCE CONTENTS

DCS-800 Series
Digital Conference System

DCS-800 Series New elegance digital discussion unit, which includes a chairman unit (DCS-800C) and delegate unit (DCS-800D).Chairman unit has priority of the whole meeting and can terminate or discontinue other delegate units who is speaking.

DCS-800M
Digital Central Controller Unit

- Easy to control meeting mode and the number of speakers by the buttons on the panel.
- The LED indicator light display working mode and allowed speaking number.
- The microphone can open at same time: 1, 3, 6 and full opening.
- The DCS-800M can support 60 microphone units. And can able to support microphone up to 5000 units by power extended machine.
- The power switch turn-on/off without silent noise.
- Equipped with audio parallel output and a 6.3 jack output, conference recording outputs and background music inputs interface.

SPECIFICATIONS

Power Supply	AC 100 - 240V
Max Power Consumption	120W
Frequency response	30Hz -18kHz
Input impedance	LINE : 50KΩ I DIN :50KΩ
Output impedance	RECORD : 200Ω I LINE : 200Ω I BALANCE : 300Ω I UNBALANCE : 400Ω
Signal to Noise Ratio	> 100dB @ 1KHz
Total Harmonic Distortion Ratio	< 1 % @ 1kHz
Operation temperature	0°C ~ 35°C
Storage temperature	-40°C ~ 70°C
Color	Silver
Dimensions (W*H*D)	480 x 44 x 220 mm
Weight	3.0 Kg
Set	19 inches racks

DCS-800C
Digital Chairman Discussion Unit

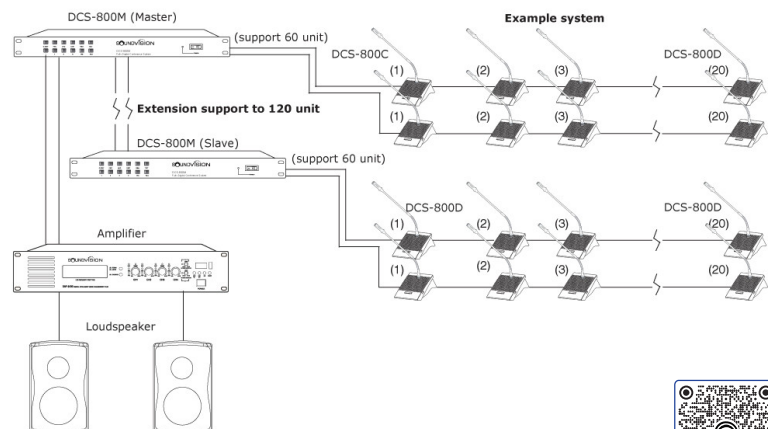## DCS-800D
Digital Delegate Discussion Unit

- Digital audio for good sound quality. High sensitivity microphone.
- Good ability for resistance to Mobile interference.
- **The chairman unit :** priority key; could shut all the delegate unit. / can be placed in any position in loop. / quantity is unrestricted in the loop. / unrestricted by the limiting function.
- Speaking button and indicator lamp that can show and control the state of speech.
- Two groups of 3.5mm stereo sound output socket; can be used as speech sound input and earphone connection.
- Connecting cable 2.1m, 8P core line, convenient installation can increase efficiency.

SPECIFICATIONS

Power Supply	DC 9V by Control unit
Power Consumption	80mA
Interface Type	8P-DIN
Earphone Output	3.5mm stereo jack
Installation	Desktop
Input Impedance	1 KΩ
Connection Mode	Daisy-Chain
Crosstalk Attenuation	>68 dB
Speaker Power	2W

Microphone Type	Condenser
Polar pattern	Ultra-Cardioid
Frequency response	50Hz-17kHz
Signal-to-Noise Ratio	68dB(A-Weight)
Sensitivity	-43 dBV/Pa
Length of Microphone	480mm
Color	Black
Dimensions (W*H*D)	190 x 71 x 125 mm
Weight	1Kg

DIAGRAM DCS-800 SERIES

DCS-800M (Master)   (support 60 unit)   **Example system**

DCS-800C   (1)   (2)   (3)   DCS-800D (20)

(1)   (2)   (3)   (20)

Extension support to 120 unit

DCS-800M (Slave)   (support 60 unit)

DCS-800D   (1)   (2)   (3)   DCS-800D (20)

(1)   (2)   (3)   (20)

Amplifier

Loudspeaker

more...

DCS-900 Series
Digital Conference System

DCS-900 series New elegance digital discussion unit, which includes Central controller Unit with USB port for recording (DCS-900M) a chairman unit (DCS-900C) and delegate unit (DCS-900D). Chairman unit has priority of the whole meeting and can terminate or discontinue other delegate units who is speaking.

DCS-900M
Digital Central Controller Unit

- Easy to control meeting mode and the number of speakers by the buttons on the panel.
- The LED indicator light display working mode and allowed speaking number.
- The microphone can open at same time: 1, 3, 6 and full opening.
- The DCS-900M can support 60 microphone units. And can able to support microphone up to 5000 units by power extended machine.
- The power switch turn-on/off without silent noise.
- Built in USB port for recording with light indicator. (Maximum 64GB)
- Equipped with audio parallel output and a 6.3 jack output, conference recording outputs and background music inputs interface.

SPECIFICATIONS

Power Supply	AC 100 - 240V
Max Power Consumption	120W
Frequency response	30Hz -18kHz
Input impedance	LINE : 50KΩ I DIN :50KΩ
Output impedance	RECORD : 200Ω I LINE : 200Ω I BALANCE : 300Ω I UNBALANCE : 400Ω
Signal to Noise Ratio	> 100dB @ 1KHz
Total Harmonic Distortion Ratio	< 1 % @ 1kHz
Operation temperature	-20°C ~ 70°C
Storage temperature	-30°C ~ 80°C
Color	Silver
Dimensions (W*H*D)	480 x 44 x 220 mm
Weight	3.0 Kg
Set	19 inches racks

DCS-900C
Digital Chairman Discussion Unit

## DCS-900D
Digital Delegate Discussion Unit

- Digital audio for good sound quality. High sensitivity microphone and good ability for resistance to Mobile interference.
- Good ability for resistance to Mobile interference.
- **The chairman unit :** priority key; could shut all the delegate unit. / can be placed in any position in loop. / quantity is unrestricted in the loop. / unrestricted by the limiting function.
- Speaking button and indicator lamp that can show and control the state of speech.
- 3.5mm stereo sound output socket; can be used as earphone connection.
- LCD display microphone ID, Volume level, microphone Mode, etc.
- Connecting cable 2.1m, 8P core line, convenient installation can increase efficiency.
- The power for units is supplied by the master controller.

SPECIFICATIONS

Power Supply	DC 9V by Control unit
Power Consumption	80mA
Interface Type	8P-DIN
Earphone Output	3.5mm stereo jack
Installation	Desktop
Input Impedance	1 KΩ
Connection Mode	Daisy-Chain
Crosstalk Attenuation	>60 dB
Speaker Power	2W

Microphone Type	Condenser
Polar pattern	Ultra-Cardioid
Frequency response	40Hz-18kHz
Signal-to-Noise Ratio	68dB(A-Weight)
Sensitivity	-43 dBV/Pa
Length of Microphone	480mm
Color	Iron Gray
Dimensions (W*H*D)	125 x 173 x 71 mm
Weight	0.75K

DIAGRAM DCS-900 SERIES
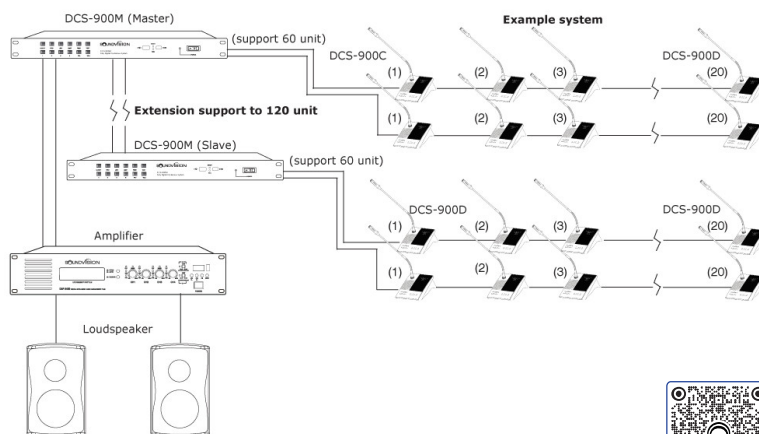
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DCS-990 Series
Digital Conference System

DCS-990 series is a new digital discussion unit, which includes Central controller Unit with USB port for recording (DCS-990M) a chairman unit (DCS-990C) and delegate unit (DCS-990D). Chairman unit has priority of the whole meeting and can terminate or discontinue other delegate units who is speaking.

DCS-990M
Digital Central Controller Unit

with Recorder and Digital automatic feedback suppression and Support control HD camera and SD camera Up to 4 unit.

- Discussing and video-tracking combined conference system.
- Easy to control meeting mode and the number of speakers by the buttons on the panel.
- The microphone can open at same time: 1,2,3,4,5,6 and all microphone.
- Support 60 microphone units. And can be able to support microphone up to 5000 units by power extended machine.
- The power switch turn-on/off without silent noise.
- Equipped with audio parallel output and a 6.3 jack output, conference recording outputs and background music inputs interface.
- Built in USB port for recording with light indicator. (Maximum 64GB)
- Built-in telephone coupler input and output ports can be used for a remote meeting.
- Built-in DAFS Function Digital automatic feedback suppression is controlled It can facility automatically eliminates acoustic feedback.
- RS232 interface can be achieved using computer software to control entire conference system function.
- Built-in Video switcher processor 4IN/2OUT for HD video camera and SD video camera up to 4 unit.
- Support protocol camera control Pelco-D, Pelco-P and Visca.
- Seven operational microphone modes: CHAIRMAN mode, FIFO mode, LIFO mode, LIMIT mode, FREE mode, REQUEST mode, TEST mode

SPECIFICATIONS

Power Supply	AC 100 - 240V
Max Power Consumption	120W
Frequency response	30Hz - 18kHz
Input impedance	LINE : 50KΩ I DIN :50KΩ
Output impedance	RECORD : 200Ω I LINE : 200Ω I BALANCE : 300Ω I UNBALANCE : 400Ω
Signal to Noise Ratio	> 100dB @ 1KHz

Total Harmonic Distortion Ratio	< 1 % @ 1kHz
Operation temperature	-20°C ~ 70°C
Storage temperature	-30°C ~ 80°C
Color	Silver
Dimensions (W*H*D)	480 x 85 x 370 mm
Weight	5.5 Kg
Set	19 inches racks

DCS-990C
Digital Chairman Discussion Unit

## DCS-990D
Digital Delegate Discussion Unit

- Digital audio for good sound quality. High sensitivity microphone and good ability for resistance to Mobile interference.
- Good ability for resistance to Mobile interference.
- **The chairman unit :** priority key; could shut all the delegate unit. / can be placed in any position in loop. / quantity is unrestricted in the loop. / unrestricted by the limiting function.
- Speaking button and indicator lamp that can show and control the state of speech.
- 3.5mm stereo sound output socket; can be used as earphone connection.
- LCD display microphone ID, Volume level, microphone Mode, etc.
- Connecting cable 2.1m, 8P core line, convenient installation can increase efficiency.
- The power for units is supplied by the master controller.
- Support automatic video-camera tracking function.

SPECIFICATIONS

Power Supply	DC 9V by Control unit
Power Consumption	80mA
Interface Type	8P-DIN
Earphone Output	3.5mm stereo jack
Installation	Desktop
Input Impedance	1 KΩ
Connection Mode	Daisy-Chain
Crosstalk Attenuation	>60 dB
Speaker Power	2W

Microphone Type	Condenser
Polar pattern	Ultra-Cardioid
Frequency response	40Hz-18kHz
Signal-to-Noise Ratio	68dB(A-Weight)
Sensitivity	-43 dBV/Pa
Length of Microphone	480mm
Color	Silver
Dimensions (W*H*D)	125 x 173 x 71 mm
Weight	0.75K

DIAGRAM DCS-990 SERIES
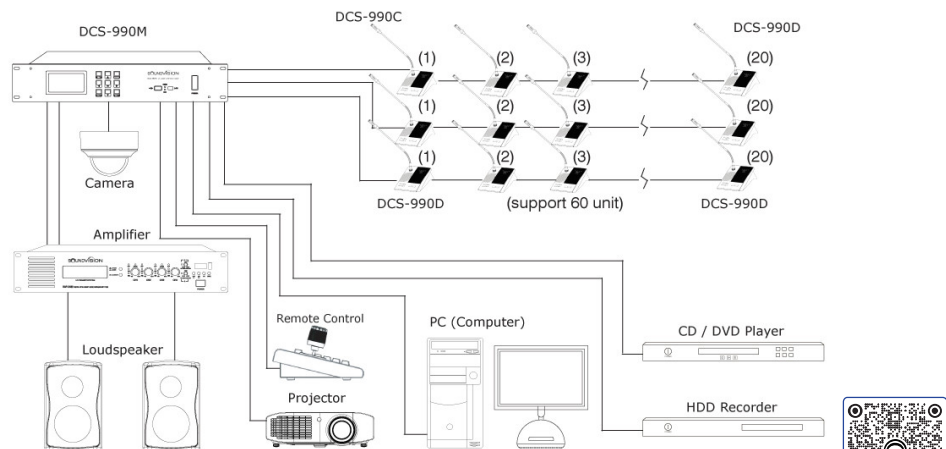
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DCW-9900 Series
Wireless Digital Conference System

DCW-9900 series is 2.4GWireless digital conference system, this series includes Wireless digital controller Unit (DCW-9900M), Wireless digital chairman unit (DCW-9900C) and Wireless digital delegate unit (DCW-9900D). This series combined video-tracking system, supports HD camera and SD camera and support up to 255 units.

DCW-9900M
Wireless Digital Controller Unit

with Recorder and Digital automatic feedback suppression and Support control HD camera and SD camera Up to 4 unit.

- 2.4GHz ADFHSS technology to increase the security.
- Good ability for resistance to Mobile interference. / Built-in feedback eliminating technology.
- The microphone can open at same time: 1,2,3,4 / The DCW-9900M can support 255 microphone units.
- Discussing and video-tracking combined conference system
- Built-in Video switcher processor 4IN/2OUT for HD video camera and SD video camera up to 4 unit.
- Support protocol camera control Pelco-D, Pelco-P and Visca.
- The electrical load and short circuit protection function and the power switch turn-on/off without silent noise.
- Equipped with audio parallel output, Balanced output and a 6.3 jack output, conference recording outputs and background music inputs interface.
- Built in USB port for recording with light indicator. (Maximum 64GB)
- RS232 interface can be achieved using computer software to control entire conference system function.
- Four operational microphone modes: CHAIRMAN mode, FIFO mode, LIMIT mode, TIME LIMIT mode

SPECIFICATIONS

Carrier frequency band	2.400 - 2.500GHz		Power supply	DC 12V~17V
Communication distance	60M (Max)		Power consumption	6.5W
Frequency response	20Hz ~ 20KHz		Dynamic range	>100dB
T.H.D.	<0.05%dB		Channel crosstalk	>60 dB
S/N Ratio	>90dB		Display	LCD 240 x 128 x 63
Operating temperature range	-20 ~ 70°C		Dimensions (W*H*D)	480 x 370 x 85 mm
Signal covering range	60M (Max)		Weight	6KG

DCW-9900C 2.4G Wireless Digital Chairman Discussion Unit

DCW-9900D 2.4G Wireless Digital Delegate Discussion Unit

- 2.4G Wireless digital conference system. Easy to move without wiring connection.
- Good ability for resistance to Mobile interference.
- **The Chairman unit** is unrestricted by the limiting function. Used as chairman unit. Chairman priority button.
- LCD 128×64 dot matrix display microphone ID, battery level, microphone state, speaking mode, duration Speech time.
- Built in Lithium battery and can rechargeable power of battery.
- Support automatic video-camera tracking function.
- ABS plastic shell, fashion short microphone.
- Adopt flocking technology with the surface of the shell, high grade and scratch resistance.
- Long pickup distance, high fidelity microphone supplies first-rate definition and directivity.

SPECIFICATIONS

Carrier frequency band	2.400-2.500GHz		Microphone Type	Condenser
Frequency response	40Hz-18kHz		Polar pattern	Ultra-Cardioid
S/N Ratio	68dB (A-Weight)		Length of Microphone	480mm
Sensitivity	-43 dBV/Pa		Power supply	Built in Lithium battery
Transmitter power	10mW		Dimensions (W*H*D)	190 x 125 x 63 mm
			Weight	700g

DIAGRAM DCW-9900 SERIES

WCS-400 Series
Wireless Digital Conference System
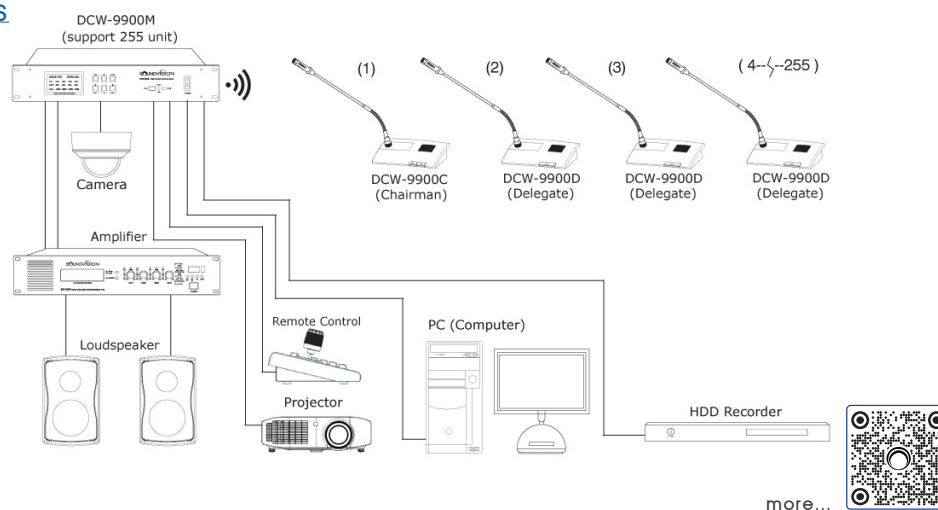
WCS-400 Series is a new UHF Wireless Conference System, this series includes Controller Unit with Recorder (WCS-400MR), Discussion Desktop Unit for Chairman (WCS-400CL chairman) and Discussion Desktop Unit for Delegate (WCS-400DL delegate) This series simple and elegant design, plug-and-play and easy to move without wiring connection.

WCS-400MR
Wireless Controller Unit with Recorder

- LCD display for status information and function.
- Built in USB port for recording in MP3 format and Support up to 32GB.
- With HD circuit design, system create high performance sound quality.
- Maximum 20 sets system can be used at the same venue.
- Control for up to 50 wireless discussion units. (included 1 unit chairman) can be connected with one central control.
- Easy to move and easy to Installation without problem wiring connection.
- Up to 3 open microphones at the same time.
- Operational microphone modes: FIFO mode delegates can override each other simply by activating their microphones. (1/2/3)
- Typical range 60 m (200 ft).

SPECIFICATIONS

DATA CONTROL CHANNEL	
Transmission method	Wireless (two-way)
Data channel	20
Frequency Range	433MHz ~ 437MHz
Modulation method	FSK
Receiving sensitivity	>-112dbm
Communication rate	100KBPS
Frequency deviation	± 400Hz

Carrier frequency band	UHF 803.2 ~ 805.8MHz
Frequency response	45Hz ~ 18KHz ±1dB
Signal covering range	60M
Consumption Rating	36W
Operating temperature range	5°C ~ 50°C
Power supply	DC 12V-18V
Output	XLR x 1, 6.35mm x 1
Display	LCD
Dimensions (W*H*D)	421 x 225 x 45 mm
Weight	2.4kg

WCS-400CL (Chairman)
UHF Wireless Desktop Unit

WCS-400DL (Delegate)
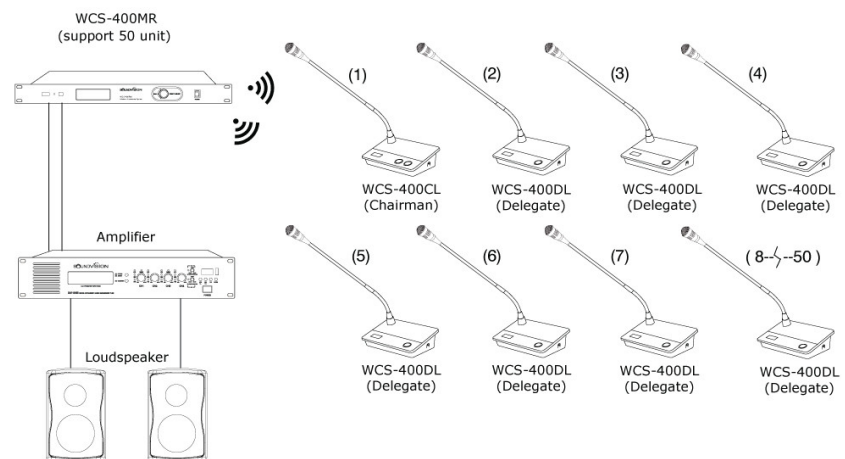### UHF Wireless Desktop Unit

- Simple and elegant design.
- Used as chairman (Chairman unit). / Used as delegate (Delegate unit).
- Microphone on/off with Touch button.
- **Chairman** priority with Touch button **(Chairman unit only)**.
- OLED display microphone ID, battery level, microphone state, control channel, etc.
- AA Battery life approx. 6 hours.
- Easy to move and easy to Installation without problem wiring connection.
- Microphone stem length 50cm (500mm)

SPECIFICATIONS

Carrier frequency band	UHF 803.2 ~ 805.8MHz		Sensitivity	S/N>60dB @25KHz, 6dBv
Signal covering range	60M		Display	OLED
RF Output Power	≤ 9mW		Length of microphone	50 cm (500 mm)
Operating temperature range	5°C ~ 50°C		Transmitter power	10mW
Microphone Type	Condenser		Power consumption	<200mA
Polar pattern	Hyper - cardioid		Consumption Rating	0.6W
Power supply	DC 4.5V (1.5V AA*2)		Dimensions (W*H*D)	170 x 120 x 50 mm
Frequency response	45Hz ~ 18KHz ±1dB		Weight	1kg

DIAGRAM WCS-400 SERIES

WCS-400MR
(support 50 unit)

Amplifier

Loudspeaker

(1) WCS-400CL (Chairman)
(2) WCS-400DL (Delegate)
(3) WCS-400DL (Delegate)
(4) WCS-400DL (Delegate)
(5) WCS-400DL (Delegate)
(6) WCS-400DL (Delegate)
(7) WCS-400DL (Delegate)
(8--∕--50) WCS-400DL (Delegate)

more...

WCM-440 Series UHF
Wireless Conference Microphones system

WCM-440 Series Wireless conference microphone 4 Channels. the technology for good sound quality flexibility performance frequency response and accurate sound reproduction for a wide variety of applications, such as Meeting Rooms, Public relations, Education institutions, to provide users with an exceptional performance features contemporary design element to enhanced convenience and consistent sound.

- 4 Channels. Adjustable frequency.
- IR automatic. 20 frequency points.
- Microphone can be used in every channel.
- 2 controllers can used simultaneously.
- LCD screens show working status on the receiver and emitter.
- AA 1.5V * 3 battery power supply, support 8 hours.

SPECIFICATIONS

WCM-440R RECEIVER

Channel number	4
Oscillation Mode	PLL synthesized
Modulation Mode	FM
Frequency Range	UHF 803.2 ~ 805.8MHz
Frequency Stability	±0.001%
Max. Deviation Range	±50KHz
S/N Ratio	>90dB
T.H.D	<0.5%@1KHz
Sensitivity	1.2/UV@S/N=12dB
Power Supply	DC 12~17V
Gooseneck mic length	435mm
Audio Output	Independent: 0-400mV
	Mixed: 0-300mV

WCM-440D TRANSMITTER

Frequency Range	UHF 803.2 ~ 805.8MHz
Frequency response	40Hz-16KHz
Frequency stability	±0.001%
Sensitivity	-43 ±3dB@1KHz
Max. deviation Range	±30KHz
Dynamic range	≥ 100dB
Type	Condenser
Polar pattern	Ultra-Cardioid
S/N Ratio	>90dB
F/N Ratio	>80dB
Transmitter power	13mW
Power consumption	160mA
Power supply	DC 4.5V (1.5V AA*3)

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GMX-48B
Desktop Gooseneck Microphone

GMX-48B is Desktop gooseneck microphone the technology for good sound quality flexibility performance frequency response and accurate sound reproduction for a wide variety of applications, such as Meeting Rooms, Public relations, Education institutions, to provide users with an exceptional performance features contemporary design element to enhanced convenience and consistent sound.

- Desktop gooseneck microphone for good sound quality.
- High-fidelity condenser pickup microphone and frequency response for accurate sound reproduction across the audio spectrum.
- Balanced, output for increased immunity to electromagnetic hum interference.
- LED indicator Light display working status on the microphone.
- Suitable for speech, Meeting Rooms, Public relations, Education institutions and etc.
- The whole metal shell, Gooseneck microphone and base can removeable.
- Gooseneck can be full bend 315 degrees.

SPECIFICATIONS

Type	Condenser
Frequency Response	20Hz - 18KHz
Directivity	Ultra-Cardioid
Output Impedance	200Ω
Sensitivity	-43dB ±3dB @1KHz
Sound-Receiving Distance	50-80cm
Power Supply	48V Phantom
Gooseneck length	480mm
Dimensions (W*H*D)	140 x 120 x 38mm

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DAP-8400
Digital Intelligent Audio Management Plus

DAP-8400 Digital Intelligent Audio Management Plus Amplifier design by flexibility and complete 8 channels microphone input, every 4 channels divide into Area A and Area B, two area independently With ... *Auto Mixer work / Mic Noise Canceling Auto Room Calibrate / Digital Feedback Suppression*

AUTO Mixer

MIC Noise Canceling

AUTO Room Calibrate

Digital Feedback Suppression

- Built in Acoustic Echo Cancellation (AEC) for Video Conference system,
- Built in USB port for recording audio and playback.

Acoustic ECHO Cancellation

For Web VDO Conference

USB ● REC Play MP3

- Easy to control Volume output on panel and have indicators LED lighting display status of CLIP (Peak), SNG (Signal), PRO (Protection) and Bridge (Bridge Mode).
- Combo jacks (XLR/1/4"), RCA inputs provide flexibility.
- EQ Low/Mid/Hi adjusting Frequency of MIC/LINE.
- Each channel of microphone input has Volume GAIN and +48V phantom power switch to adjusting independent.
- Built in 4 channel power amplifier, stereo bridge transformation, can drive 4x150W at 4Ω, stereo and 2x300W at 8Ω, bridged,

SPECIFICATIONS

Power Supply	AC ~ 20V 50Hz
Consumed Power	700W
Frequency Response	20Hz ~ 20KHz
THD	<0.05%@1KHz
Input Impedance	MIC Input: 47KΩ, Line Input: 10KΩ
	Music Input: 10KΩ, Remote Input: 10KΩ
Output Impedance	Extend Output: 220Ω, Remote Output: 1KΩ
	REC Output: 1KΩ, Collect recording: 1KΩ
Dimensions	430 x 400 x 88mm
Net weight	15Kg
FEEDBACK	
Sampling Rate	32KHz
Frequency Response	125Hz ~ 15KHz
Distortion	<0.1%@1KHz
SNR	>90dB
Signal Delay	<11ms
CMRR	25dB (50Hz ± 20kHz)

AMBIENT NOISE ELIMINATION	
Frequency Response	10Hz-30KHz
Distortion + Noise	<0.2%@1KHz
Noise	<-90dBu
Dynamic Range	114dB
Limit Range	-80 to -20dBu
Noise Gate	<100us
AMPLIFIER	
Frequency Response	20Hz - 20KHz ±0.5dB
THD	<0.05%@1KHz
SNR	>100dB
Power Consumption	700W
Rated output power	4X100W (8Ω STEREO)
	4X150W (4Ω STEREO)
	2X300W (8Ω BRIDGED)

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KBD2020 IP
PTZ Camera Controller

- Supporting ONVIF, VISCA, Serial port VISCA, PELCO-D/P protocols etc.
- RJ45, RS422, RS232 control interfaces; Control up to 255 Cameras.
- Unique control code learning function allows customers to modify the control code instructions
- Any device on the RS485 bus can be individually configured with different protocols and baud rates.
- All camera parameters can be set through the button operation.
- Metal shell, silicone key design.
- LCD display, keypad sound prompt, real-time display decoder and matrix working status.
- 4D joystick allows variable speed control to cameras
- Maximum communication distance: 1200M (0.5MM) Twisted-Pair Cable

SPECIFICATIONS

Port	Network: RJ45. Serial Port: RS422, RS232
Protocol	Network: ONVIF, VISCA Serial Port: VISCA, PELCO-D, PELCO-P
Communication BPS	2400bps, 4800bps, 9600bps, 19200bps, 38400, 115200
Interface	5PIN, RS232, RJ45
Joystick	4D (up, down, left, right, zoom, lock)
Display	LCD Blue Screen
Prompt tone	ON/OFF
Power Supply	DC12V ±10%
Power Consumption	6W MAX
Working Temperature	-10°C ~ 50°C
Storage Temperature	-20°C ~ 70°C
Environment humidity	≤90%RH (non-dew)
Dimensions (W*H*L)	179.3 x 109.9 x 320 mm
Upgrade	WEB Upgrading

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HD-300
High Definition Camera Tracking

HD-300U (USB)
High Definition Camera Tracking

- **HD-300U** employs 1/2.8-inch-high quality CMOS sensor. Resolution is up to 1920 x 1080 with frame rate up to 60 fps.
- Optical Zoom Lens : 20X optical zoom lens for options. (5X zoom) Leading Auto Focus Technology
- Low Noise CMOS effectively ensure high SNR of camera video.
- Quiet PTZ : works extremely quiet and moves smoothly and very quickly to designated position.
- Multi-Format Video Outputs : support HDMI, USB, wired LAN and wireless LAN interfaces.
- IR remoter and 2.4G wireless remote for options.The 2.4G wireless remote controller will not be affected by angle, distance or IR interference.
- Support VISCA, PELCO-D, PELCO-P protocols which can also be automatically recognized. Support VISCA control protocol through IP port.
- Support RS-232 cascade function which is convenient for installing.
- Up to 255 presets (10 presets by remoter)
- Wide Application:Tele-education, Lecture capture, Webcasting, Videoconferencing, Tele-training, Tele-medicine, Interrogation and Emergency command systems.

SPECIFICATIONS

Model	HD-300U
Camera Parameter	
Sensor	1/2.8 inch high quality HD CMOS sensor
Effective Pixels	16 : 9 2.07 megapixel
Video Format	ST Video format
	1080 P60/50/30/25/59.94/29.97 ; 1080 I60/50/59.94 ; 720 P60/50/30/25/59.94/29.97
	U3 interface video format
	1) U3 : 1920x1080 P60/50/30/25 ; 1280x720 P60/50/30/25 ; 960x540 P30 ;
	640x360 P30 ; 640x480 P30 ; 352x288 P30 ; 960x540 P30
	2) U3 compatible with U2 : 960x540 P30 ; 640x360 P30 ; 1280x720 P10/15 ;
	720x576 P50 ; 720x480 P60 ; 640x480 P30 ; 352x288 P30.
	U2 interface video format
	176x144 / 320x240 / 320x180 / 352x288 / 640x480 / 720x576 / 640x360 / 800x600 /
	960x540 / 1024x576 / 1024x768 / 1600x896 / 1920x1080 / 1280x20 ; P30/25/20/15/10/5

Optical Zoom	20X
	f=5.2 ~ 98mm
View Angle	3.2° (tele)
	55.8° (wide)
AV	F1.5 - 3.0
Digital Zoom	10X
Minimum Illumination	0.5Lux (F1.8, AGC ON)
DNR	2D & 3D DNR
White Balance	Auto / Manual / One Push / 3000K / 4000K / 5000K / 6500K
Focus	Auto/Manual
Aperture	Auto/Manual
Electronic Shutter	Auto/Manual
BLC	ON/OFF
WDR	OFF/ Dynamic level adjustment
Video adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
SNR	>55dB
Input/Output Interface	Input/Output Interface
Video Interfaces	HDMI, USB2.0, USB3.0, LAN
Image code stream	Double streams outputs simultaneously
Video Compression format	H.264, H.265
Control Signal Interface	RS-232 Ring through RS232 output, RS-485
Control Protocol	VISCA/Pelco-D/Pelco-P; Baud Rate: 115200 / 9600 / 4800 / 2400bps
Audio input Interface	Double track 3.5mm linear input
Audio Compression Format	AAC/MP3/PMC Audio compression
HD IP Interface	100M IP port (100BASE-TX); 5G WiFi (optional), support IP Visca control protocol
Network Protocol	RTSP/RTMP,ONVIF
Power Interface	HEC3800 outlet (DC12V)
PTZ Parameter	PTZ Parameter
Pan Rotation	±170°
Tilt Rotation	-30° ~ +90°
Pan Control Speed	0.1 -180° /sec
Tilt Control Speed	0.1-80° /sec
Preset Speed	Pan: 60° /sec, Tilt: 30° /sec
Preset Number	255 presets (10 presets by remote controller)
Other Parameter	Other Parameter
Supply Adapter	AC 110V-AC220V to DC 12V/2A
Input Voltage	DC12V ±10%
Input Current	1A(Max)
Consumption	12W (Max)
Store Temperature	-10°C to +60°C
Store Humidity	20% - 95%
Working Temperature	-10°C to +50°C
Working Humidity	20% - 80%
Dimension	150 x 150 x 167.5 mm
Weight	1.4KG
Working Environment	Indoor
Remote Operation (IP)	Remote Upgrade, Reboot and Reset
Accessory	Power Supply, RS232 Control Cable, USB3.0 Cable, Remoter, Manual, Warranty card
Optional Accessory	Bracket

COMPATIBLE PRODUCTS

more...

HD-100Mini
High Definition camera

FULL HD — Superb High-definition Image : With high quality CMOS sensor.

1080p 30 FPS — Resolution is up to 1920 x 1080 with frame rate up to 30fps.

Built in MIC — Stereo sound : Built-in microphone pick up to present clear stereo sound effect, no need to connect external device.
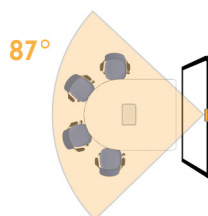
87° — Panoramic HD Video technology Wide FOV : 87° wide angle.

Wide Application : Personal video conferencing, live videoconference, collaboration meeting etc.

VIDEO output — USB 2.0 interface : Plug and play function is better for power supply and upgrading.

- Multiple Video Compression : Support H.264/H.265, MJPEG, YUV video compression, to made video play smoothly.
- Multiple installation : Easy to install on any device, say, LCD screen, laptop, table or tripod.

SPECIFICATIONS

CAMERA PARAMETERS

Sensor	High quality HD CMOS sensor
Effective Pixels	16 : 9 2.07 megapixels
Video Format	960x540 / 320x180 / 432x240 / 640x360 / 800x448 / 800x600 / 864x480 / 960x720 / 1024x576 / 1280x720 / 1600x896 / 1920x1080 / 272x144 / 368x208 / 384x216 / 480x272 / 624x352 / 912x512 / 424x240 / 640x480 / 320x240 / 160x120 / P30
View Angle	88°(D) / 87°(H) / 50°(V)
Minimum illumination	0.5 Lux (F1.8, AGC ON)
Focal length	3.24mm (4K lens)
Aperture	Fixed
Focus	Manual
Exposure	Exposure parameter could be adjusted; support auto exposure
Backlight contrast	On/Off

Video Adjustment	Brightness, Color, Saturation, Contrast, White balance mode, Gain, Anti-flicker, Low brightness compensation etc.
SNR	>50dB

INPUT/OUTPUT INTERFACE

Video Interfaces	USB 2.0
Video Compression Format	MJPEG, YUV, H.264, H.265
Audio Input Interface	Built in omnidirectional highly sensitive digital pickup

OTHER PARAMETER

Input Voltage	5V
Input Current	500mA (Max.)
Power consumption	2.5W
Store, Humidity	-10°C ~ +60°C , 20% ~ 95%
Working, Humidity	-10°C ~ +50°C , 20% ~ 80%
Dimension (W*H*D)	102 x 46 x 30 mm
Weight (appx.)	0.15kg

more...

UHD-400AF
AUTO FRAMING 4K EPTZ CAMERA

4K ULTRAHD

Ultra HD Image: up to 4K@30fps (MJPG), 4K@25fps (H264, H265), 1080P, 720P supported.
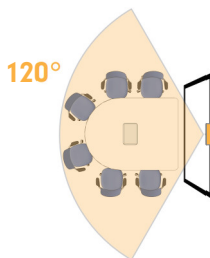
4X EPTZ

EPTZ Function:
up to 4X digital zoom.

Built in MIC

2 built-in Microphones. Omnidirectional pickup (best range 3M).
Advanced Echo Cancellation Supported.

VIDEO output

USB3.0 port support main stream and sub-stream output at the same time.
Easy to Use : USB Plug and play

120°

Panoramic HD Video technology
120° wide angle lens with free distortion.

Wide Application : Personal video conferencing, live video conference, collaboration meeting etc.

1 People in The Meeting Room

2 People in The Meeting Room

3 People in The Meeting Room

Auto-framing: support face detection function, intelligently zooms according to the number of people

- Low Noise and High SNR: Low Noise CMOS effectively ensure high SNR of camera video.
- Applications: Personal video conferencing, enterprise video conferencing, unified collaboration and etc.

SPECIFICATIONS

CAMERA PARAMETERS	
Image Sensor	1/2.5 Inch-High Quality 4K CMOS Sensor
Effective Pixels	8.28MP, 16:9
Video output	USB3.0, Type B. Support audio signal output
Audio input	2x built in mic
Video Format	**Main Stream :** 3840x2160 @ 30fps, 1920x1080P @ 30fps / 25fps, 1280x720P @ 30fps / 25fps **Sub Stream :** 1280x720P @ 30fps / 25fps, 640x480P @ 30fps / 25fps, 320x172P @ 30fps / 25fps
View Angle	126°(D) / 120°(H) / 85°(V)
Minimum illumination	0.1Lux (F1.8, AGC ON)
Focal Length	f=2.72mm
Iris	F2.5
Digital zoom	4X
DNR	2D & 3D DNR
Super Low illumination	On/Off
White Balance	Auto / Manual / One Push / 3000K / 3500K / 4000K / 4500K / 5000K / 5500K / 6000K / 6500K / 7000K
Focus	Auto / Manual / One push
Exposure	Auto / Manual

Backlight compensation	On/Off
SNR	>55dB
USB FEATURE	
Operation System	Windows 7(1080P/720P), Windows 8.1, Windows 10 ; mac OS™ 10.10 and above, Linux(UVC)
Video Compression	MJPG, YUY2, H.264, H.265
USB Audio	Support
USB Protocol	UVC, UAC
PTZ Control	EPTZ
Hardware Request	2.4 GHz Intel@ Core 2 Duo Processor or better, 2GB Capacity or more, USB2.0 Input (USB3.0 for 4K)
OTHER PARAMETERS	
Input voltage	DC5V
Input current	1A (Max)
Power consumption	5W (Max.)
Store Temperature	-10°C ~ +60°C
Store Humidity	20% ~ 90%
Working Temperature	-10°C ~ +50°C
Working Humidity	20% ~ 80%
Dimension (W*H*D)	220 x 93.75 x 56.5 mm

more...

SOUND SYSTEMS

The Professional Sound Systems

SOUND CONTENTS

SU-820D Series
UHF Dual Wireless Microphone

697.3TO **702.7**MHZ
UHF 697.3 ~ 702.7MHz
(Brand for Thailand Regulation)

30Hz~**20**kHz
±2dB
Frequency Response:
30Hz ~ 20kHz ±2dB

CH:48
channels
Available Channels
48CH (2*24CH)

UPTO 50M
Up To 50 Meters
Line-of-Sight Range.

- IR Sync Downloading the Frequency from Receiver.
- The transmitter uses LCD display to indicate frequency and battery level and so on.
- The superior RF performance and the audio performance the professional.
- Single-chip microphone amplifier, DSP-based audio processor with multi-frequency selection function.

SPECIFICATIONS

SYSTEM	
Carrier Frequency	UHF 697.3 ~ 702.7 MHz
Available Channels	48CH (2*24CH)
Bandwidth	5.4 MHz
Dynamic Range	96dB
Total Harmonic Distortion	<0.3%
Frequency Response	30Hz ~ 20kHz ±2dB
Audio Output Level	1 x 6.3mm, 2 x XLR balance output
SU-820DR : DUAL RECEIVER	
Frequency Response	30Hz ~ 20kHz ±2dB
Power Supply	DC 12V 500mA
Consumption Power	<3watts
Signal/Noise Ratio	96dB
Receiving Sensitivity	-95dBm

SU-820 : TRANSMITTER	
Carrier Frequency	UHF 697.3 ~ 702.7 MHz
Bandwidth	5.4 MHz
Frequency Response	30Hz ~ 20kHz ±2dB
Frequency Switch	IR SYNC
Microphone Type	Dynamic
Polar Pattern	Cardioid Directional
Output Power	≤ 20mW
Harmonic Radiation	< -50dBc
Battery Voltage	3V (2×1.5V AA Battery)
Battery Life	approx. >5 hours

more...

SU-890D-II Series
UHF Digital Wireless Microphone

SU-890D-II/BT (LV-X)

SU-890D-II/BT (HW-X)

694.5 TO 702.7 MHZ
UHF 694.5 ~ 702.7MHz
(Brand for Thailand Regulation)

30Hz~20kHz ±2dB
Frequency Response:
30Hz ~ 20kHz ±2dB

CH:156 channels
Available Channels
156CH (2*78CH)

UP TO 100M
Up To 100 Meters
Line-of-Sight Range.

AUTO MUTE Falling Down or Laid Down
Auto Mute system When
Falling Down or Laid Down

- Wireless System Adopts Intelligentized Cryptographic Hardware.
- IR Sync Downloading the Frequency from Receiver. / Auto Frequency Scanning Spectrum Display.
- Status of Frequency AF And RF Signal Etc. / Colorful TFT LCD Display and Menu Settings.
- Optional Hand-Held Microphone, Pocket Transmitter, Lavalier and Headset Available.

SPECIFICATIONS

SYSTEM	
Carrier Frequency	UHF 694.5 ~ 702.7MHz
Available Channels	156CH (2*78CH)
Bandwidth	200KHz
Dynamic Range	90dB
Total Harmonic Distortion	<0.5%
Frequency Response	30Hz ~ 20kHz ±2dB
Audio Output Level	1 x 6.3mm, 2 x XLR balance output
SU-890DR : DUAL RECEIVER	
Frequency Response	30Hz - 20kHz
Power Supply	DC 12V-18V 1A
Consumption Power	3Watts
Signal/Noise Ratio	90dB
Receiving Sensitivity	-95dBm

SU-890 : TRANSMITTER	
Carrier Frequency	UHF 694.5 ~ 702.7MHz
Bandwidth	200KHz
Frequency Response	50Hz - 20kHz
Frequency Switch	IR SYNC
Microphone Type	Dynamic
Polar Pattern	Cardioid Directional
Output Power	≤ 30mW
Harmonic Radiation	< -50dBc
Battery Voltage	3V (2 x 1.5V AA Battery)
Battery Life	approx 8 hours

more...

DW-240D Series 2.4GHz
Digital Wireless Microphone Systems

DW-240D/BT (LV-X)

DW-240D/BT (HW-X)

ISM band 2.4GHz

2.4GHz ISM Digital Wireless Microphone System. Digital audio processing technology produces a clear and natural sound.

38.4 kHz / 16 Bit

Audio Format
16Bit, 38.4kHz

CH:32 channels

Available Channels 32CH (2*16CH)
Output Power 10mW E.I.R.P. maximum

Up To 30 M

Up To 30 Meters
Line-of-Sight Range.

- GFSK Modulation. / No RF Noise. / IR sync for easy set-up.
- Clear and intuitive LCD display, Status of Frequency AF And RF Signal Etc.
- Battery Can Be Used More Than 8 Hours / Lower Battery Consumption.
- Dual receiver system comes with both a handheld microphone and a bodypack transmitter.
- Ideal for Meeting, Training, Conference, karaoke, Clubs, Music Entertainment Etc.
- Optional Hand-Held Microphone, Pocket Transmitter, Lavalier and Headset Available.

SPECIFICATIONS

SYSTEM	
Carrier Frequency	2.404GHz − 2.474GHz
Available Channels	32CH (2*16CH)
Bandwidth	70MHz
Dynamic Range	85dB
Total Harmonic Distortion	<0.1%
DW-240D : DUAL RECEIVER	
Frequency Response	40Hz − 20kHz
Power Supply	DC12V
Consumption Power	2Watts
Signal Noise Ratio	>95dB
Receiving Sensitivity	-80dBm

DW-240 : TRANSMITTER	
Frequency Response	40Hz − 20kHz
Microphone Type	Dynamic
Polar Pattern	Super Cardioid
Transmitter RF Output Power	10mW E.I.R.P. maximum
Modulation Type	GFSK
Ultra harmonics	<20dB
Battery Voltage	3V (2×1.5V AA Battery)
Battery Life	Approx. 8 Hours

more...

DM-89
Dynamic Microphone

- Polar pattern Cardioid-directional
- Durable metal construction
- Good suppression of handling noise
- Balanced frequency response
- On/Off switch

Connector
Three - pin professional audio (XLR), male
Cable Length
4.5meters

SPECIFICATIONS

Style	Handheld Microphone
Type	Dynamic
Polar Pattern	Cardioid
Frequency Response	40Hz - 16kHz
Sensitivity	- 65dB ±1.5dB @1kHz (0dB = 1V/Pa)
Impedance	600Ω
Switch	Magnetic lock switch On-Off
Material	ZINC die - cast body
Color	Dark gray
Connector	Three - pin professional audio (XLR), male
Cable Length	4.5meters
Dimension (mm)	51 x 190
Weight	320g

more...

D-2250
Digital Power Amplifier

D-2250 2-Channels 2x250Watts @8Ω Class D Digital Power Amplifier are ideal for meeting rooms, function rooms, multi-media room, a home theater, KTV room installation. The D-2250 amplifiers are a compact 1U size and surprisingly lightweight, making them easy to handle and install. With strong I-POWER switch power to procure maximize performance, a new generation of environmentally friendly products.

SPECIFICATIONS

Stereo Mode (2 Channels output)	Continuous average output power per channel
8Ω/FTC 20HZ~20KHZ /0.1%THD	250W
4Ω/FTC 20HZ~20KHZ /0.1%THD	450W
2Ω/FTC 20HZ~20KHZ /0.1%THD	650W
S/N (20HZ~20KHZ) 8Ω	>95dB
Distortion (@8Ω 1KHZ)	<0.15%
Sensitivity of input	1.0V
Frequency response	20HZ~20KHZ+/-0.5dB
Circuit design	CLASS D
Damping coefficient	>600@8Ω
Cooling mode	2 fans, airflow from the back to the front
Connector (each channel)	Input: XLR output: lock pin type jack
Control panel	Front panel: AC power switch, single channel 1/2 gain adjust.
	Back panel: Stereo / Bridge mode selection
Indicator light	Power: Green LED, Signal: Yellow LED, CLIP: Red LED, Protect: Red LED
Protect function	Short circuit, overheat, automatic limit, long-term output, DC / AC protection
Dimension (W*D*H)	483 x 343 x 45mm
Weight	4KG
AC input	220V

more...

D-8150
Digital Power Amplifier

D-8150 8 Channels 8x150Watts @8Ω Class D multi-channel Digital Power amplifier are conference room, function rooms, ideal for multi-media room, home theater installation. D-8150 amplifiers are a compact 1U size and surprisingly lightweight, making them easy to handle and install. With strong I-POWER switch power to procure maximize performance, a new generation of environmentally friendly products.

SPECIFICATIONS

|	
Multi-Channels (8 Channels output)	Continuous average output power per channel
8Ω/FTC 20HZ~20KHZ / 0.1%THD	150W
4Ω/FTC 20HZ~20KHZ / 0.1%THD	250W
2Ω/FTC 20HZ~20KHZ / 0.1%THD	350W
Bridge mode (single channel output)	Average continuous output power
8Ω/FTC 20HZ~20KHZ / 0.1%THD	300W
4Ω/FTC 20HZ~20KHZ / 0.1%THD	700W
S/N (20HZ~20KHZ) 8Ω	>82dB
Distortion (@8Ω 1KHZ)	<0.15%
Sensitivity of input	1.0V
Frequency response	20HZ~20KHZ+/-0.5dB
Circuit design	CLASS D
Damping coefficient	>600@8Ω
Cooling mode	2 fans, airflow from the back to the front
Connector (each channel)	Input: Euro block output: lock pin type jack
Control panel	Front panel: AC power switch, single channel 1/2/3/4/5/6/7/8 gain adjust. Back panel: Stereo / Parallel / Bridge mode selection
Indicator light	Power: Green LED, Signal: Yellow LED, CLIP: Red LED, Protect: Red LED
Protect function	Short circuit, overheat, automatic limit, long-term output, DC / AC protection
Dimension (W*D*H)	483 x 345 x 45mm
Weight	7KG
AC input	220V

more...

SA-60WiFi
Mixing Amplifier

- **EASY SET-UP** allows you connect your speakers effortlessly from your Wi-Fi network to your phone, turning your space into a home theater with wireless streaming. Built-in Bluetooth receiver and USB player.
- **MULTI-ROOM FUNCTION** allows you to stream synchronized music throughout different rooms, as well as control song selection and volume
- **USER-FRIENDLY APP** when you download the app to your smartphone, navigate seamlessly with simple functions. Connect with your smart device via the free app.
- **BEAUTIFUL DESIGN** allows you to add your own personal touch to your home aesthetics
- **FULL SUPPORT** for Airplay, DLNA, Spotify, iHeartRadio, TIDAL and more.
- One RJ45 port available for the point where the WiFi signal is weaker.
- 70V - 100V, 4Ω - 8Ω output loads.
- SMT circuit boards with highly stable performance.
- Powerful amplifier. / Phantom power supports condenser mic (1)
- Three microphone sockets support unbalanced 6.35mm jack.
- Mic 1 has priority over the inputs with 0~30dB dB attenuation.
- High-definition display for the working status of playing programme.
- Individual volume controller for inputs, and master volume controller for all.
- BASS and TREBLE tone controllers.
- Protection provided for output short circuit, overload, high temperature, peak current limiters.
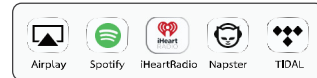
SPECIFICATIONS

Rated Power	60W
Power Consumption	95W
Frequency Response	4Ω - 8Ω : 20Hz ~ 20kHz (±3dB) 70V - 100V : 50Hz ~ 15kHz (±3dB)
Speaker Output Mode	Low impedance : 4Ω - 8Ω Voltage line : 70V - 100V
Audio Input	MIC, AUX, USB, BLUETOOTH 4.2, WiFi
WiFi Solution	MUZO Wireless Hi-Fi System
WiFi APP Name	MUZO Player
WiFi APP version	Android, iOS
Wi-Fi Mode	Wi-Fi 802.11 b/g/n (AP/STA modes supported)
Music Format	Supported with MP3, WMA, ACC(ACC+), Apple lossless, ALAC, FLAC, APE, WAV

T.H.D	<1% at 1kHz, 1/3 rated power
S/N	≥75dB
Tone Control	BASS : 100Hz (±10dB), TREBLE : 10kHz (±10dB)
Protection	Short circuit, Overload, High temperature
AC Fuse	T1A
Power Supply	AC 220V- 240V : 50Hz/60Hz
Power Cord	$(3 \times 0.75mm^2) \times 1.5M$
Dimensions (H*W*D)	100 x 290 x 260mm
Weight	5.5 kgs

more...

SA-60BT
Mixing Amplifier

- Built-in Bluetooth receiver and USB player.
- 70V - 100V, 4Ω - 8Ω output loads.
- SMT circuit boards with highly stable performance.
- Phantom power supports condenser mic (1), Three microphone sockets support unbalanced 6.35mm jack.
- Mic 1 has priority over the inputs with 0~30dB dB attenuation.
- High-definition display for the working status of playing programme.
- Individual volume controller for inputs, and master volume controller for all.
- BASS and TREBLE tone controllers.
- Complete protection is provided for output short circuit, overload, high temperature, peak current limiters.

SPECIFICATIONS

Rated Power	60W
Power Consumption	120W
Frequency Response	4Ω - 8Ω : 20Hz ~ 20kHz (±3dB) 70V - 100V : 50Hz ~ 15kHz (±3dB)
Speaker Output Mode	Low impedance : 4Ω - 8Ω Voltage line : 70V - 100V
Audio Input	MIC, AUX, USB, BLUETOOTH 4.2
T.H.D	<1% at 1kHz, 1/3 rated power
S/N	≥75dB
Tone Control	BASS : 100Hz (±10dB), TREBLE : 10kHz (±10dB)
Protection	Short circuit, Overload, High temperature
AC Fuse	T1A
Power Supply	AC 220V- 240V : 50Hz/60Hz
Power Cord	(3 x 0.75mm^2) x 1.5M
Dimensions (H*W*D)	100 x 290 x 260mm
Weight	5.5 kgs

more...

SA-150BT | SA-300BT
Mixing Amplifier | Mixing Amplifier

The SA-150BT | **SA-300BT** USB/SD/BT Mixing Amplifiers are designed to meet the requirements of medium sized professional public address installations, and designed with over all 70V - 100V, 4Ω - 8Ω loads and featured an industry leading 5 Zones 100V load solution, **150W** | **300W** of amplifier power are available, with provided an audio output to 5 different zones within the venue, each zone has its own separate switch on/off manually operated on front panel, and each zone has its own LED indicator, shall light green for on.

Built-in CHIME and SIREN circuitry with push button and volume control on front panel. Five microphone jacks support 48V Phantom Power microphone and 6.35mm plug microphone, pushing the button "VOICE PRIORITY" the MIC1 can be set with priority over the other inputs with 0 ~ 30dB dB attenuation.

- Built-in Bluetooth receiver and USB/SD player.
- 70V - 100V, 4Ω - 8Ω output loads.
- 5 Zones 100V speaker outputs with separate switch ON/OFF & LED indicator.
- Five 48V Phantom Power sockets support unbalanced 6.35mm jack or balanced XLR jack.
- Phantom power supports condenser mics (1,2,3,4)
- Mic 1 has priority over the inputs with 0 ~ 30dB dB attenuation.
- High-definition display for the working status of playing programme.
- Built-in Chime and Siren circuitry with push-button and volume control.
- BASS and TREBLE tone controllers. Master volume control.
- Complete protection provided for output short circuit, overload, high temperature.
- Removable rack mounting brackets supplied.

Model	SA-150BT	SA-300BT
Rated Power	150W	300W
Power Consumption	200W	450W
Frequency Response	4Ω - 8Ω : 20Hz ~ 20kHz (±3dB)	
	70V - 100V : 50Hz ~ 15kHz (±3dB)	
Speaker Output Mode	Low impedance : 4Ω - 8Ω	
	Voltage line : 70V - 100V	
MIC Input	5 MIC inputs supporting XLR phantom power connection	
Zone output	5 Zones selector	
Audio Input	MIC, AUX, CD, TUNER, SD, USB, BLUETOOTH 4.2	
Audio Output	Speaker Out, Zone Out, Pre-amp Out Line RCA	
T.H.D	<1% at 1kHz, 1/3 rated power	
S/N	≥75dB	
Tone Control	BASS : 100Hz (±10dB), TREBLE : 10kHz (±10dB)	
Protection	Short circuit, overload, high temperature	
AC Fuse	T4A	T6A
Power Supply	AC 220V- 240V : 50Hz/60Hz	
Power Cord	(3 x 0.75mm^2) x 1.5M	
Dimensions (H*W*D)	100 x 430 x 340mm	
Weight	9.5 kgs	12 kgs

more...

DKA-500
Karaoke Amplifier
DKA-900
Karaoke Amplifier

AMP KARAOKE
500w / 900w

DKA-500 Digital Karaoke Amplifier 500 Watts

DKA-900 Digital Karaoke Amplifier 900 Watts

TOUCH SCREEN DISPLAY

Touch display can choose Users can directly operate the menu on the touch screen, simple and convenient.

BUILT-IN BLUETOOTH 5.0 LOSSLESS

Built-in 5.0 Bluetooth lossless player.

USB MP3 MUSIC PLAYER

Built-in USB support MP3 player.

4K 3 HDMI HDMI OUT (ARC) TO TV

Supports 4K 2K scale 3 HDMI input plus 1 HDMI (ARC)

IR REMOTE CONTROL

Media player can be controlled via remote

8 MODE DSP PRESET

Built-in DSP Processor
8 Mode DSP Music, Microphone, Effect
3 Mode Digital Auto Feedback Suppression (*)
7 Band Parametric EQs 20Hz - 20kH ±12dB For Music (*)
7 Band Parametric EQs 20Hz - 20kH ±12dB For Mic   (*)
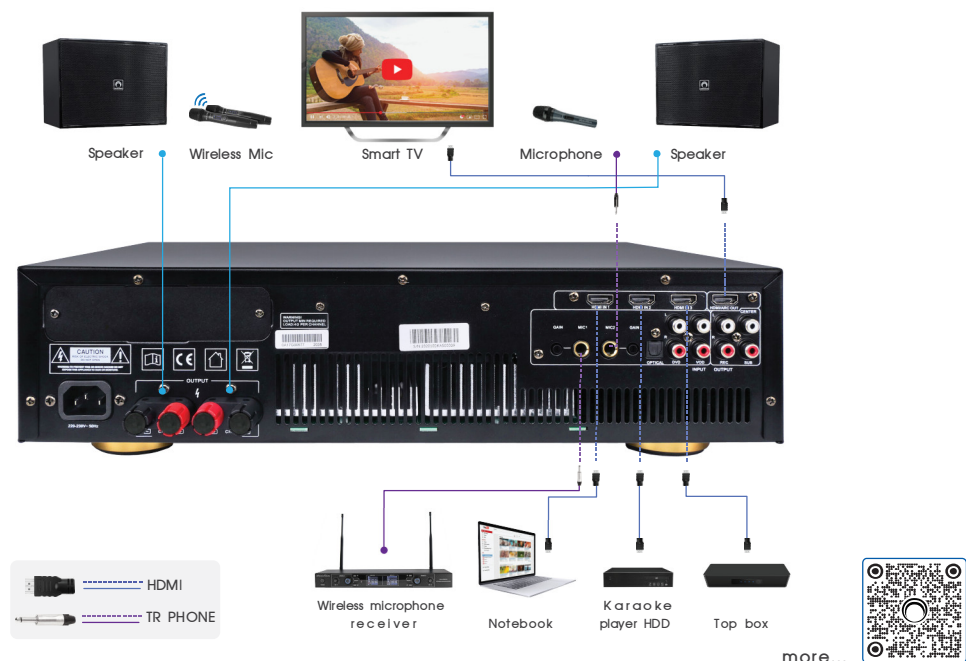
SOFTWARE CONTROL ON PC

Software
DIGITAL KARAOKE AMPLIFIER.zip
Link:
www.soundvisionpro.com/download

- Input   : 3+1 Audio/Video (HDMI), 3 Audio, 1 D-Audio, 2 Mic
- Output : 1 Audio/Video (HDMI/ARC), 1 Center, 1 Sub, 1 Rec (L/R)
- Music Mode, Mic Mode, Effect Mode, Boot volume setting and maximum volume lock function.
- High fidelity, large dynamic power amplifier, super stability, Strong Output power.
- Support USB tuning software control interface.
- Supports 4K 2K scale 3 HDMI input plus 1 HDMI (ARC)
- Supports Standard Audio, DSD Audio and HD Audio.
- Support wide Frequency Range : 25MHz − 300MHz TMDS clock.
- Supports 12-Bit Deep Color Full HD, 3D and 4K 2K video.
- Supports on-chip EDID RAM for Port O, Port 1, and Port2.

AMPLIFIER	DKA-500	DKA-900
Maximum output 4Ω	380W+380W	680W+680W
Minimum RMS Output Power 8Ω	250W+250W	450W+450W
Frequency response	MUSIC : 20 Hz to 30 kHz, ±1.5 dB	MIC : 20 Hz to 20 kHz, ±1.5 dB	
DSP Processor	7 Band Parametric EQs 20Hz - 20kH ±12dB For Music (*)	Microphone (*) 8 Mode DSP Music, Microphone	Effect 3 Mode Digital Auto Feedback Suppression (*)	
Sample Rate	48KHz / 32bit	
SNR	≥95dB	
Distortion	≤0.2	
Rated output power 8Ω1KHz degree of separation	>70dB	
Damping factor f=1KHz 8Ω	>240	
Conversion speed	15V/us	
Protection	Soft Start, Short Circuit, Limiter, DC Fault, AC Line Fuse, Thermal Cut	
Cooling system	Dual Fan	
Speaker impedance	4Ω / 8Ω (1 speaker per channel)	8Ω / 16Ω (2 speaker per channel)	
PORTS		
Input	DIGITAL AUDIO/VIDEO : 3HDMI + 1HDMI (ARC) DIGITAL AUDIO : 1 OPTICAL ANALOG AUDIO : RCA (L/R) : 1DVD , 1VOD	
Output	MIC : 2 1/4" TR PHONE MP3 PLAYER : USB PORT DIGITAL AUDIO/VIDEO : 1HDMI/ARC ANALOG AUDIO : RCA CENTER OUT : 1 SUBWOOFER OUT : 1 REC OUT : 1 (L/R)	
Data Control	USB (B type)	
Supply voltage	AC 220 ~ 230V, 50Hz	AC 220 ~ 230V, 50Hz
Power consumption (IEC)	700W	1000W
(Idling)	45W	60W
Dimensions (W*H*D)	440 x 120 x 320mm	440 x 120 x 320mm
Weight	11.5Kgs	12.5Kgs

DIAGRAM DKA SERIES

Speaker   Wireless Mic   Smart TV   Microphone   Speaker

HDMI
TR PHONE

Wireless microphone receiver   Notebook   Karaoke player HDD   Top box

more...

LOUDSPEAKERS SYSTEMS

The perfect powerful sound Systems

LOUDSPEAKER CONTENTS

AP-12AU AP-15AU
POWERED LOUDSPEAKER

BIG Loud & Clear

AP Series Powered Loudspeaker. BIG Loud & Clear... AP-12AU 12'' / AP-15AU 15'' The Trapezoidal design was used fora more precise and accurate sound will add increased sound definition on vocal frequencies. This state-of-the-art speaker will give you of enjoyment., suitable for use in both speaking and listening to music.

1600 Watts

Power RMS :
800W / 1600W (MAX)

Amplifier Bi-AMP Class D

Amplifier :
Class D Bi-amplifier

12"/15" 2-way Actice

Speaker type :
2-way active speaker

EQ (±12dB) Bass : 80 Hz Treble : 12kHz

EQ BASS   : 80Hz (±12dB)
       TREBLE : 12kHz (±12dB)

TWS Wireless stereo Using BT

Media player : Wireless stereo audio streaming Bluetooth (TWS)

USB Support MP3 WMA File

Media player : USB support MP3, WMA files.

WITH DSP MODE — FLAT - MUSIC - SPEECH 48kHz / 56Bits - EXT SUB

Built-in DSP processor :
48KHz / 56Bits (Mode : FLAT, MUSIC, SPEECH, EXT SUB)

Dual pole cup mounts standard and 7.5° down-tilt

Model	AP-12AU	AP-15AU
Transducer	Titanium Driver: 1" throat, 2" voice coil Woofer: 12", 3" voice coil	Titanium Driver: 1" throat, 2" voice coil Woofer: 15", 3" voice coil
Frequency Response	50Hz ~ 20KHz (-10dB)	45Hz ~ 20KHz (-10dB)
Rated Power	800W / 1600W (MAX)	800W / 1600W (MAX)
Amplifier	CLASS D Bi-Amplifier	CLASS D Bi-Amplifier
Sensitivity	96dB 1m/1W	97dB 1m/1W
Maximum SPL	126dB / 136dB (Peak)	128dB / 138dB (Peak)
Nominal Impedance	4Ω	
Dispersion Angle (H x V)	80° x 60°	
Built-in DSP Processor	48KHz / 56Bits (Mode: FLAT, MUSIC, SPEECH, EXT SUB)	
EQ	BASS : 80Hz (±12dB), TREBLE : 12kHz (±12dB)	
Media player	- Wireless stereo audio streaming Bluetooth (TWS) - USB support MP3, WMA files.	
Connection	Line Input: XLR,RCA,3.5mm Jack l Line Output: XLR	
Mains Supply	PowerCON	
GENERAL		
Operating voltage	AC 220 ~ 240V, 50/60Hz	AC 220 ~ 240V, 50/60Hz
Dimensions (W*H*D)	365 x 360 x 610mm	365 x 360 x 610mm
Net Weight	20.5 Kgs	24.5 Kg

more...

AP-28A
Portable Speaker

AP-28A is the new developed active plastic speaker series with an aesthetically pleasing design. This series can be paired with various styles and features of power amplifiers as well as multi connection choices with USB, SD, Bluetooth, FM radio, stereo Bluetooth pairing, DSP processor function etc. Applicable to large or medium concerts, stage monitoring, commercial performances, meetings and other occasions.

SPECIFICATIONS

Model	AP-28A
Type	2-way active speaker
Transducer	Titanium Driver: 1" throat, 1.75" voice coil Woofer: (8" x 12") x 2, 1.8" voice coil
Frequency Response	45Hz ~ 20kHz
Rated Power	400W / 800W (MAX)
Amplifier	Class AB Amplifier
Maximum SPL	124dB / 134dB (Peak)
Built-in DSP Processor	DEFAULT, DANCE, SPEECH, EXT SUB
Media player	USB / SD-Card support MP3, WMA files. FM Radio, Wireless audio streaming Bluetooth
Connection	Mic Input : XLR or 1/4" Jack Line Input : XLR or 1/4" Jack, RCA line Output : XLR
Operating voltage	AC 220 ~ 240V, 50/60Hz
Dimensions (W*H*D)	440 x 330 x 700mm
Net Weight	23 kgs

more...

ACS-1500 Series
Active Column Speaker System

ACS-1500 Series Active Column Speaker System which can cover the usage area from small tolarge designed for hi-end professional sound performance specifically for frequency response up to 40Hz~18KHz ±3dB, Power maximum 1800 Watts Amplifier Class D with DSP processor 5 Preset for best performance. And can stream wireless music via Bluetooth support ideal life sound concert, event, shopping mall, meeting room training, fitness, restaurant, hotel banquet room.
This series includes ACS-1500S (Subwoofer), ACS-1500C (Column Speaker)

SPECIFICATIONS

Model	ACS-1500S (Subwoofer)	ACS-1500C (Column)
Transducer	Subwoofer Components: 15", 3" voice coil	Satellite Components: 4" X 8 Full Range Speaker
Frequency Response	40Hz ~ 180Hz ±3dB	110Hz ~ 18kHz ±3dB
Rated Power	600W / 1200W (MAX)	300W / 600W (MAX)
Amplifier	Class D	-
Sensitivity	95dB 1m/1W	96dB 1m/1W
Maximum SPL	125dB/134dB (Peak)	125dB/134dB (PEAK)
Nominal Impedance	4Ω	4Ω
Built-in DSP Processor	DEFAULT, MUSIC, DANCE, SPEECH, POP	-
Audio Streaming Wireless	Bluetooth Version 4.0	-
Dispersion Angle (H x V)	-	80° X 20°
Connection	Line Input: XLR or 1/4" Jack, Line Output: XLR	SPEAKON
Operating voltage	AC 220 ~ 240V, 50/60Hz	-
Dimensions (W*H*D)	430 x 520 x 570mm	135 x 980 x 135mm
Net Weight	27 Kgs	11 Kgs

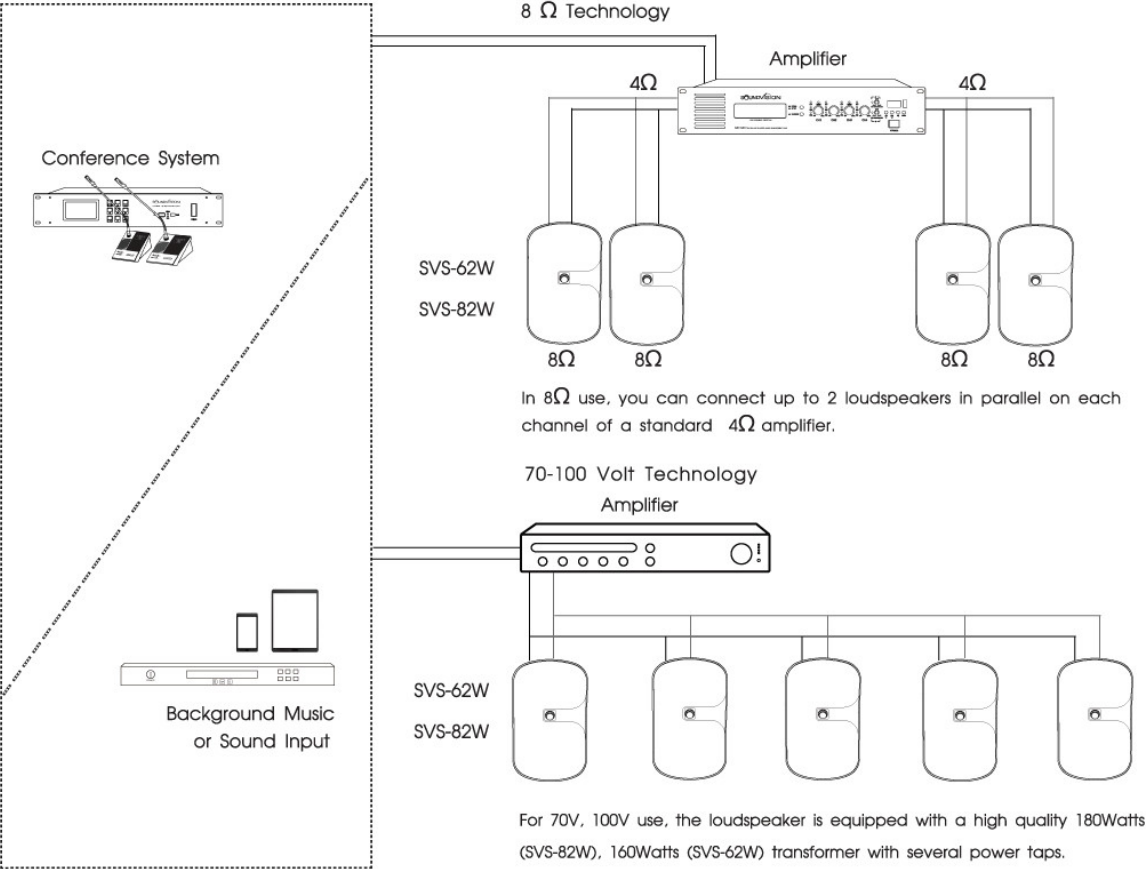more...

SVS-62W ｜ SVS-82W
Passive two-way surface-mount speaker

Passive two-way surface-mount speaker ideal for indoor and outdoor applications requiring high-quality sound. Model SVS-62W ｜ SVS-82W designed for a wide range of commercial audio applications including retail shops, hotels, shopping malls, restaurants, conference rooms, bars and health clubs. Model SVS-62W ｜ SVS-82W are available in black, Transformer Taps 70V: 40W, 20W, 10W, 5W ｜ 100V: 80W, 40W, 20W, 10W available for constant voltage systems.

SPECIFICATIONS

model	SVS-62W	SVS-82W
All-weather versatility	IP54* (*SVS-62WP)	IP54* (*SVS-82WP)
Color	Black	
Input Connections	Euro block	
Speaker Type	Full-range, Mid-High, Two-Way	
Transformer Taps	70V : 40W, 20W, 10W, 5W ｜ 100V : 80W, 40W, 20W, 10W 8Ω Bypass	
Frequency Response	65Hz ~ 20kHz (-3dB)	55Hz ~ 20kHz (-3dB)
	50Hz ~ 20kHz (-10dB)	45Hz ~ 20kHz (-10dB)
Sensitivity 1 W/1 m	93 dB	94 dB
Max. SPL/1m (calc)	118 dB	120 dB
Coverage (Nominal -6 dB) H	90° (±45°)	90° (±45°)
Coverage (Nominal -6 dB) V	60° (±30°)	60° (±30°)
System Power Handling	160W Max. / 80W continuous	180W Max. / 90W continuous
LF Transducer	6.5-inch Waterproof Paper Cone	8-inch Waterproof Paper Cone
	(Glass fiber cone technology)	(Glass fiber cone technology)
HF Transducer	1-inch (Silk dome)	1-inch (Silk dome)
Nominal Impedance (Passive)	8Ω	
Indoor / Outdoor	Yes	
Material	Engineering-plastics (ABS)	
Dimensions (H x W x D mm)	196 x 300 x 330mm	240 x 335 x 390mm
Weight	10 Kg/ pair, 5 Kg / Single	11 Kg/ pair, 5.5 Kg / Single

8 Ω Technology

Amplifier

4Ω   4Ω

SVS-62W

SVS-82W

8Ω   8Ω   8Ω   8Ω

In 8Ω use, you can connect up to 2 loudspeakers in parallel on each channel of a standard 4Ω amplifier.

70-100 Volt Technology

Amplifier

SVS-62W

SVS-82W

For 70V, 100V use, the loudspeaker is equipped with a high quality 180Watts (SVS-82W), 160Watts (SVS-62W) transformer with several power taps.

Conference System

Background Music
or Sound Input

more...

KS-310D | KS-310HD
Karaoke Speaker | Karaoke Speaker

KS-310 series includes 10-inch 3-way passive loudspeakers designed specifically for high-end karaoke and nightlife applications premium products that meet all the needs in karaoke sound reproduction. There are two models in the series, the KS-310D (Black color) and KS-310HD (Brown color)

- 10 inch Three-way Passive loudspeakers
  - ° LF Driver   :   10 inch **Woofer**
  - ° MF Driver   :   3 inch **Midrange drivers**
  - ° HF Driver   :   1 inch **Tweeter**
- Frequency Response   :   45Hz - 20kHz
- Sensitivity   :   90dB
- Nominal Impedance   :   8 ohm
- SPL output   :   105dB (Peak : 121dB)
- Rated Power (RMS / Peak)   :   180 Watts / 400 Watts

YOUR SOLUTION FOR

- Karaoke Room / Home Theater
- Meeting & Party
- Bars & restaurants
- Dance Floor / Lounge. Seminar
- Convention centers
- Building Exterior
- Lobby Hotel

SPECIFICATIONS

Type	10" , 3-Way Passive
Frequency Response	45Hz - 20kHz
Sensitivity	90dB
Nominal Impedance	8Ω
SPL output	105dB (Peak : 121dB)
Rated Power (RMS / Peak)	180W / 400W
Coverage (H x V)	90°x 60°
Recommended Amp Power	270W
LF Driver	1 x 10" Woofer
MF Driver	1 x 3" midrange drivers
HF Driver	1 x 1" tweeter
Cabinet Material	HD MDF (15mm)
Color	KS-310D (Black) / KS-310HD (Brown)
Inputs	Cable clamp
Dimensions (H*W*D)	300 x 410 x 285 mm
Net Weight	13Kgs

more...

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Get trust as many customer

- Government agency
- Private agency
- University & Hospital

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- SUWANDHARAM SUB-DISTRICT SCHOOL

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AND OTHER ORGANIZATIONS THAT HAVE TRUSTED
AND USED BY OUR QUALITY PRODUCTS CONSISTENTLY "

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2021

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BANGKOK 10170 THAILAND
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