GONSIN®

Conference Public Address System

◆ Full Range Speaker

GX-SP1008FA/GX-SP1010FA/GX-SP1012FA/GX-SP1015FA

| GX-SP1008FA | GX-SP1010FA | GX-SP1012FA | GX-SP1015FA |

Two-way small full-range speakers are specially designed for multi-functional halls and conference rooms, and meet the requirements of sound reinforcement for voice and music. The speaker adopts professional unit configuration, optimizes built-in frequency divider and adopts front port design, with the characteristics of high power and high efficiency. The sound pressure is abundant, the tone is clear and transparent, the sense of texture is very good, and it has better vocal and music effects. The cabinet is made of high-quality MDF CNC machined, and the internal structure is strengthened to make it more durable. The front net is designed with high-strength steel, with waterproof, dust-proof and sound-transmitting sponge inside.

◆ Applications

♦ Conference room

♦ Multifunctional hall

♦ Lecture hall

◆ Technical Specifications

Model	GX-SP1008FA	GX-SP1010FA	GX-SP1012FA	GX-SP1015FA
Type	Passive two way full range speaker			
Drivers	LF: 1×8" HF: 1×1.3"	LF: 1×10" HF: 1×1.73"	LF: 1×12" HF: 1×1.73"	LF: 1×15" HF: 1×1.73"
Frequency response	65Hz~18kHz	65Hz~18kHz	55Hz~18kHz	50Hz~18kHz
Sensitivity (1W/1m)	95dB	96dB	97dB	98dB
Rated power	250W	300W	350W	400W
Program power	500W	600W	700W	800W
Peak power	1000W	1200W	1400W	1600W
MAX SPL	119dB@500W/ 125dB@1000W	121dB@600W/ 127dB@1200W	122dB@350W/ 128dB@1400W	124dB@400W/ 130dB@1600W
Dispersion (H×V)	90°×60°			
Impedance	8Ω			
Connector	1×NL4MP speakon PIN1+/2+,PIN1-/2-			
Product Size(W×D×H) (mm)	305×250×430mm	355×320×495mm	405×365×565mm	470×443×690mm
Package Size(W×D×H) (mm)	340×300×500mm	380×370×550mm	440×410×610mm	520×490×730mm
Net Weight	12kg	16kg	20kg	30kg
Gross Weight	13.5kg	17.5kg	21.5kg	31.5 kg
Color	Black, other colors on request			
Hanger/Installation device	35mm bottom hole of stand, M8 screw hole hanger system, support wall-mounted, hanging and stand installation			

◈ Full Range Speaker

GX-SP1215FA

The dual 15-inch full range speaker with multi-function is designed and applied in various medium and large sound reinforcement occasions, such as multi-function halls, lecture halls, and small mobile performances. The tweeter and bass units used in the speaker have basically the same sound field coverage capability. The coverage characteristics of the speaker are smooth transition, which can provide a wide sound coverage angle. The sound pressure is abundant; the tone is clear and transparent, with high texture.

The built-in frequency division circuit has high-quality processing performance, and also has a treble dynamic protection circuit, with the characteristics of high conversion efficiency, strong penetrating power, and strong dynamics, which can make the speaker get effective protection under the condition of continuous high output.

The cabinet is made of high-quality birch plywood CNC, which is hard and thick, with excellent low-frequency damping characteristics. The internal structure is strengthened, which is more durable and has lower resonance. The cabinet surface is sprayed with black wear-resistant environmental friendly water-based paint, and the appearance is high-end and generous.

◈ Applications

- ◆ Conference room
- ◆ Multifunctional hall
- ◆ Lecture hall
- ◆ Road Show

◆ Technical Specifications

Model	GX-SP1215FA
Type	3 unit quasi-3 frequency inverter
Drivers	15" LF driver x 2, 3" HF driver x 1
Frequency response	42Hz~20KHz -6dB
Sensitivity (1W/1m)	102dB
Rated power	900W
Program power	1800W
Peak power	3600W
MAX SPL	132dB@900W/138dB@3600W
Dispersion (H×V)	90°H×60°V -6dB
Impedance	4Ω
Connector	SPEAKON NL4×2
Product Size(W×D×H) (mm)	517×500×1216mm
Package Size(W×D×H) (mm)	591×570×1300mm
Net Weight	55kg
Gross Weight	59.4kg
Color	18mm High-grade birch plywood, black environmental protection water-based spray
Hanger/Installation device	Foot nail installation

GONSIN®

◆ Subwoofer

GX-SP1018SF

It is equipped with18-inch high-power customized bass unit, which has the characteristics of high conversion efficiency and large sound pressure level. It has a thick and powerful low-frequency effect, so that the whole system can effectively restore various beautiful and dynamic voices in various environments. It is applicable to multi-function hall, banquet hall, auditorium and other places requiring ultra-low frequency expansion.

The cabinet is made of high-quality plywood CNC, and its internal structure is designed to be strengthened. The surface of the cabinet is sprayed with black wear-resistant and environment friendly water-based paint, with high-grade and generous appearance. It can be used as a mobile audio system, for setting the multi-functional full-range speakers with the support rod seat.

◆ Features

♦ Reinforced structure design of cabinet for solid

♦ It can be used as a mobile audio system, for setting the multi-functional full-range speakers with the support rod seat

♦ Adopt custom woofer to provide rich and powerful low frequency effect

♦ Provide high-quality ultra-low frequency reproduction, so that the whole system can effectively restore beautiful and dynamic sound

◆ Applications

♦ Conference room

♦ Multifunctional hall

♦ Lecture hall

♦ Road Show

◆ Technical Specifications

Model	GX-SP1018SF
Type	1 unit vented subwoofer
Drivers	18-inch low frequency driver x 1
Frequency response	36Hz~500Hz
Sensitivity (1W/1m)	100dB
Rated power	500W
Program power	1000W
Peak power	2000W
MAX SPL	127dB@500w(133dB@2000w)
Dispersion (H×V)	omnidirectional
Impedance	8Ω
Connector	SPEAKON NL4×2 PIN1+/2+POS. PIN1-/2-NEG)
Product Size(W×D×H) (mm)	561×595×690mm
Package Size(W×D×H) (mm)	650×685×730mm
Net Weight	45kg
Gross Weight	46.5kg
Color	18mm High-grade birch plywood, black environmental protection water-based spray
Hanger/Installation device	Bottom: Foot nail floor installation
	Top: ø38mm support base, which can support the installation
	of column speaker or multi-functional full-range speakers

◈ Conference Speaker Series

GX-SP1205DA/GX-SP1006DA

GX-SP1205DA   GX-SP1006DA

Two-way small full-range speakers are specially designed for multi-functional halls and conference rooms, and meet the requirements of sound reinforcement for voice and music. With a small size, it can be better applied into the conference venue. The speaker adopts professional unit configuration, optimizes built-in frequency divider and adopts front port design, with the characteristics of high power and high efficiency. The sound pressure is abundant, the tone is clear and transparent, the sense of texture is very good, and it has better vocal and music effects. The cabinet is made of high-quality MDF CNC machined, and the internal structure is strengthened to make it more durable. The surface of the cabinet is sprayed with black wear-resistant and environment-friendly water-based paint, with high-grade and generous appearance. The front net is designed with high-strength steel, with waterproof, dust-proof and sound-transmitting sponge inside.

◈ Applications

- ◆ Conference room
- ◆ Multifunctional hall
- ◆ Auditorium
- ◆ Church

◆ Technical Specifications

Model	GX-SP1205DA	GX-SP1006DA
Type	3-unit two way inverted speaker	2-unit two way inverted speaker
Drivers	LF: 2×5.5"	LF: 1×6.5"
	HF: 1×1"	HF: 1×1"
Frequency response	90Hz~20kHz	80Hz~20kHz
Sensitivity (1W/1m)	98dB	96dB
Rated power/peak power	150W/600W	100W/400W
Program power	300W	200W
MAX SPL	120dB@150W/	116dB@100W/
	126dB@600W	121dB@400W
Dispersion (H×V)	90°×90°	90°×90°
Impedance	8Ω	
Connector	4-position crimping terminal	
Product Size(W×D×H) (mm)	161×170×415mm	190×200×310mm
Package Size(W×D×H) (mm)	240×230×495mm	270×260×390mm
Net Weight	7.5kg	5kg
Gross Weight	9kg	6.5kg
Color	Black, other colors on request	
Hanger/Installation device	U-shaped wall-mounted stand, wall-mounted installation	

◆ Column Speaker

GX-SP1403EA/GX-SP1803EA/GX-SP1606EA

Subwoofer

GX-SP1015SE

| GX-SP1403EA | GX-SP1803EA | GX-SP1606EA | GX-SP1015SE |

The column speakers are equipped with multiple speaker units, which are arranged in the slender and vertical cabinets at precisely designed angles. The advanced plane wave technology is used to make the sound waves emitted by it spread to the distance and both sides, reducing the vertical transmission, making the projection distance is farther, the sound field is wider and uniform, and it has good high frequency penetration and delicacy, and has a good vocal effect, which effectively solves the problems of poor hearing such as low language definition and turbid timbre caused by the long time of the sound field environment.

It is equipped with15-inch high-power customized bass unit, which has the characteristics of high conversion efficiency and large sound pressure level. It has a thick and powerful low-frequency effect, so that the whole system can effectively restore various beautiful and dynamic voices in various environments. It is applicable to multi-function hall, banquet hall, auditorium and other places requiring ultra-low frequency expansion.

The cabinet is made of high-quality plywood CNC, and its internal structure is designed to be strengthened. The surface of the cabinet is sprayed with black wear-resistant and environment friendly water-based paint, with high-grade and generous appearance. It can be used as a mobile audio system, for setting the multi-functional full-range speakers of GX-SP1403EA and GX-SP1803EA with the support rod seat.

◆ Applications

- ◆ Conference room
- ◆ Multifunctional hall
- ◆ Command center
- ◆ Church
- ◆ Electric classroom

Technical Specifications

Model	GX-SP1403EA	GX-SP1803EA	GX-SP1606EA
Type	4-unit closed full range speaker	8-unit closed full range speaker	8-unit four way inverted speaker
Drivers	4× 3 "	8× 3 "	MF,LF: 6 × 6.5 " neodymium magnet HF: 2 × 1.4 " neodymium magnet
Frequency response	130Hz~18kHz	130Hz~18kHz	80Hz~20kHz
Sensitivity (1W/1m)	96dB	99dB	100dB
Rated power/peak power	130W/520W	250W/1000W	600W/2400W
Program power	260W	500W	1200W
MAX SPL	117dB@130W/ 123dB@520W	123dB@250W/ 129dB@1000W	128dB@600W/ 134dB@2400W
Impedance	8 Ω	4 Ω	4 Ω
Dispersion (H×V)	90°×30°	100°×30°	100°×(30°~40°) Vertical directivity 10 ° adjustable
Connector	1×NL4MP speakon PIN1+/2+,PIN1-/2-		1×NL4MP speakon PIN1+/2+,PIN1-/2- 1×2PIN terminal
Product Size(W×D×H) (mm)	115×135×419mm	115×135×755mm	191×220.5×1369.7mm
Package Size(W×D×H) (mm)	185×205×495mm	185×205×830mm	270×290×1430mm
Net Weight	4.7kg	6.9kg	19.55kg
Gross Weight	6.2kg	8.4kg	22kg
Color	Black water-based paint		
Hanger/Installation device	Wall-mounted universal stand (standard), 35mm bottom hole of stand, support wall-mounted and stand installation		Wall-mounted universal stand (standard), support wall-mounted installation

Model	GX-SP1015SE
Type	1 unit bandpass subwoofer
Drivers	15-inch low frequency driver x 1
Frequency response	40Hz~400Hz (-6dB)
Sensitivity (1W/1m)	97dB
Rated power	500W
Program power	1000W
Peak power	2000W
MAX SPL	124dB@500W/130dB@2000W
Dispersion (H×V)	none
Impedance	8 Ω
Connector	SPEAKON NL4×2 (PIN1+POS.PIN1-NEG)
Product Size(W×D×H) (mm)	535×490×650mm
Package Size(W×D×H) (mm)	610×560×720mm
Net Weight	38.6kg
Gross Weight	41.6kg
Color	18mm plywood, black environmental protection water-based spray
Hanger/Installation device	Bottom: Foot nail floor installation Top: ø38mm support base, which can support the installation of column speaker or multi-functional full-range speakers

◆ Ceiling Speaker
GX-SP1006TA/GX-SP1008TA
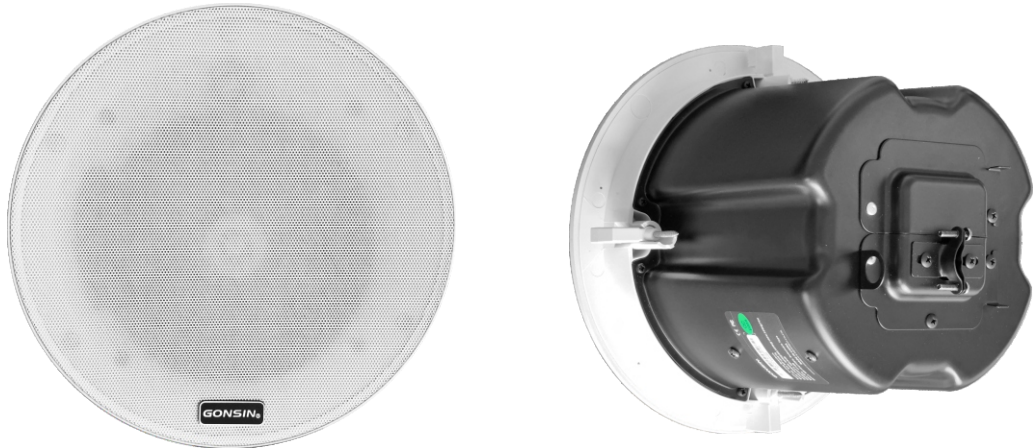
The high-performance ceiling-mounted speaker adopts 6.5/8 inches coaxial unit, which has a wider frequency response. It adopts higher hardness metal horn, which can better protect the internal unit. At the same time, the horn structure conforms to the acoustic design, minimizing the formation of standing waves and making the sound reproduction effect clearer and purer. The installation bracket is attached, and the phoenix interface connection is used at the same time, which makes the project installation very simple. The borderless design makes it better integrated into the venue. In general, it adopts a multi-point dispersion sound reinforcement method with multiple ceiling speakers in a venue, which can ensure a uniform sound field and enhance the proportion of direct sound.

◆ Applications

◆ Conference room

◆ Multifunctional hall

◆ Exhibition Center

◆ Features

◆ 6.5" /8" coaxiing driver

◆ Metal horn structure design

◆ 4P phoenix contact

◆ Constant Voltage / Constant Resistance Operating Mode

◆ Technical Specifications

Product	GX-SP1006TA	GX-SP1008TA
Type	2 unit 2 frequency inverter type, passive coaxial ceiling speaker	
Driver	6.5-inch dual voice coil mid-woofer × 1 1 inch silk dome tweeter x 1	8-inch dual voice coil mid-woofer × 1 1 inch silk dome tweeter x 1
Frequency response	65Hz~20kHz (-6dB)	65Hz~20kHz (-6dB)
Sensitivity (1W/1m)	88±3dB	91±3dB
Rated power	60W	80W
Program power	120W	160W
Peak power	240W	320W
Maximum sound pressure level	105dB@60W/111dB@240W	110dB@80W/116dB@320W
Rated impedance	8Ω	8Ω
Covering angle (H×V)	90°×90°(-6dB)	90°×90°(-6dB)
Operating mode	Constant voltage/constant resistance	Constant voltage/constant resistance
Constant pressure input	60W/30W/15W@100V	80W/40W/20W@100V
Connection socket	4P Phoenix terminal × 1	4P Phoenix terminal × 1
Cabinet	Fireproof metal speaker cabinet	Fireproof metal speaker cabinet
Color	White	White
Hole Size	Φ225mm(Φ222~228mm)	Φ287mm(Φ286~290mm)
Size (D×H)	Φ265×219mm,depth＞215mm	Φ320×234mm,, depth＞230mm
Packing size (W×D×H)	320×320×265mm	405×405×400mm
Net weight	4.2kg	4.7kg
Gross weight	5kg	5.7kg

◆ Line Array Full Range Speaker GX-SP2006LA
Line Array Subwoofer GX-SP2015SA

GX-SP2006LA

GX-SP2015SA

The dual 6.5-inch line array speaker is a small line array package. The dual 6.5-inch line array full-range speaker GX-SP2006LA is equipped with two 6.5-inch low frequency units and one 1.7-inch tweeter unit. The high and low units are matched with each other to make the sound clean and powerful, and the intermediate frequency is more prominent and clear. Exquisite and concise appearance design, the speaker supports 0°~10° angle adjustment, which is convenient for angle adjustment in different occasions. The whole system is simple to use and practical.

Used with the 15-inch line array subwoofer GX-SP2015SA, the bass sense of the system sound is greatly improved, making the sound more powerful.

◆ Applications

- ◆ Theater
- ◆ Multifunctional Hall
- ◆ Meeting Room
- ◆ Banquet hall

Technical Specifications

Product	GX-SP2006LA	GX-SP2015SA
Type	3 unit 2 frequency inverter	1 unit direct-inverting ultra-low
Driver	6.5 inch low frequency driver x 2 1.7 inch high frequency driver × 1	15-inch low frequency driver x 1
Frequency response	63Hz~20KHz(-10dB)	35Hz~300Hz(-10dB)
Sensitivity (1W/1m)	97dB	100dB
Rated power	200W	500W
Program power	400W	1000W
Peak power	800W	2000W
Maximum sound pressure level	120dB@200W/126dB@800W	127dB@500W/133dB@2000W
Dispersion (H×V)	Single array 80ºH×7ºV, the vertical coverage angle of line array varies according to the number and curvature of the array	Omnidirectional
Adjustable angle	0°~10°, step by 1°	-
Rated impedance	8 Ω	8 Ω
Crossover mode	Passive crossover	External DSP frequency division
Connector	SPEAKON NL4×2 PIN1+/2+=POS. PIN1-/2-=NEG.	SPEAKON NL4×2 PIN1+/2+=POS. PIN1-/2-=NEG.
Dimensions (W×D×H)	526mm×329mm×189mm	526mm×525mm×436mm
Packing size (W×D×H)	399mm×260×600mmmm	595mm×585mm×510mm
Net weight	16.6kg	36kg
Gross weight	18.3kg	39.3kg
Color	Black polyurea spray	Black polyurea spray
Installation device	Professional adjustable angle hanger	Professional hanger

◆ Applications

- ◆ Auditorium
- ◆ Theater
- ◆ Multi-function hall
- ◆ Meeting room
- ◆ Banquet hall

◆ Technical Specifications

Product	GX-SP2008LA	GX-SP2018SA
Type	4 unit 2 frequency inverter	1 unit direct-inverting ultra-low
Driver	8 inch low frequency driver x 2 1.4 inch high frequency driver × 2	18-inch low frequency driver x 1
Frequency response	65Hz~18KHz(-10dB)	38Hz~2500Hz(-10dB)
Sensitivity (1W/1m)	99dB	99dB
Rated power	Full freq400W, LF 320W, HF 80W	700W
Program power	Full freq800W, LF 640W, HF 160W	1400W
Peak power	Full freq1600W, LF 1280W, HF 320W	2800W
Maximum sound pressure level	125dB@400W/131dB@1600W	127dB@700W/133dB@2800W
Dispersion (H×V)	Single array 90°H×8°V(-6dB), the vertical coverage angle of line array varies according to the number and curvature of the array	Omnidirectional
Adjustable angle	0°~10°, step by 1°	-
Rated impedance	Full freq16Ω (passive crossover), LF 16Ω, HF16Ω (active crossover)	8 Ω
Connector	2 x speakon NL4MP, Passive crossover: PIN1+/POS. PIN1-/NEG. Active frequency division: PIN1+/LF+, PIN1-/LF-; PIN2+/HF+, PIN2-/HF-	2×speakon NL4MP PIN1+/2+=POS. PIN1-/2-=NEG.
Dimensions (W×D×H)	600×355×239mm	600×620×521mm
Packing size (W×D×H)	425×315×680mm	670×690×595mm
Net weight	30.7kg	42.20 kg
Gross weight	32.6kg	46.3kg
Color	Black polyurea spray	Black polyurea spray
Installation device	Professional adjustable angle hanger	Professional hanger

◆ Line Array Full Range Speaker GX-SP2008LA
Line Array Subwoofer GX-SP2018SA

GX-SP2008LA

GX-SP2018SA

The GX-SP2008LA line array speaker adopts a 4-unit 2-way inverter design. The system uses two custom 36mm voice coil 1.4-inch tweeters and two custom 50mm voice coil 8-inch woofers. The maximum sound level of 125dB and frequency response range of 65Hz~18KHz can be provided at rated power output. It has stronger penetration and higher sound pressure level. The speaker is designed as a switchable active and passive frequency division mode, which is more convenient and flexible in use; the speaker is equipped with a professional adjustable angle hoisting, adjustable from 0° to 10°, and the vertical coverage of the entire line array speaker can be adjusted according to the venue. The product is compact and beautiful.

The GX-SP2018SA is a subwoofer specially designed for use with the GX-SP2008LA line array speaker. The cabinet adopts a direct-inverting design, the main cabinet is composed of 15mm birch plywood, the internal structure is reinforced, the bass is more abundant, thick and powerful, providing ultra-low frequency expansion for the full-frequency line array combination, forming a high sound pressure level, clear sound and adjustable full frequency response range.

◆ Line Array Full Range Speaker
Line Array Subwoofer

GX-SP2010LB

GX-SP2018SB

GX-SP2010LB

GX-SP2018SB

The GX-SP2010LB line array speaker adopts a 3-unit 2-way inverter design. It provides a frequency range of 50Hz~20KHz. The system uses a custom 75mm voice coil 3" tweeter and two custom 65mm voice coil 10" woofers, which have stronger penetration and higher sound pressure level. The speaker is designed as a switchable active and passive frequency division mode, which is more convenient and flexible in use; the speaker is equipped with a professional adjustable angle hoisting, adjustable from 0° to 10°, and the vertical coverage of the entire line array speaker can be adjusted according to the venue. The product is compact and beautiful.

The GX-SP2018SB is a subwoofer specially designed for use with the GX-SP2010LB line array speaker. The cabinet adopts a direct-inverting design, the main cabinet is composed of 15mm birch plywood, the internal structure is reinforced, the bass is more abundant, thick and powerful, providing ultra-low frequency expansion for the full-frequency line array combination, forming a high sound pressure level, clear sound and adjustable full frequency response range.

◆ Applications

- ◆ Auditorium
- ◆ Theater
- ◆ Multi-function hall
- ◆Meeting room
- ◆ Banquet hall

◆ Technical Specifications

Product	GX-SP2010LB	GX-SP2018SB
Type	3 unit 2 frequency inverter	1 unit direct-inverting ultra-low
Driver	10-inch low frequency driver x 2 3-inch high frequency driver × 1	18-inch low frequency driver x 1
Frequency response	50Hz~20kHz(-10 dB)	38Hz~350Hz(-10 dB)
Sensitivity (1W/1m)	102dB	99 dB
Rated power	Full freq700W, LF 600W, HF 100W	700W
Program power	Full freq1400W, LF 1200W, HF 200W	1400W
Peak power	Full freq2800W, LF 2400W, HF 400W	2800W
Maximum sound pressure level	132dB@700W/138dB@2800W	127dB@700W/133dB@2800W
Dispersion (H×V)	Single array 90°H×8°V(-6dB), the vertical coverage angle of line array varies according to the number and curvature of the array	Omnidirectional
Adjustable angle	0°~10°, step by 1°	-
Rated impedance	Full freq 8 Ω (passive crossover), LF 8 Ω, HF 8 Ω (active crossover)	8 Ω
Connector	2 x speakon NL4MP, Passive crossover: PIN1+/POS. PIN1-/NEG. Active crossover: PIN1+/LF+, PIN1-/LF-; PIN2+/HF+, PIN2-/HF-	2×speakon NL4MP PIN1+/2+=POS. PIN1-/2-=NEG.
Dimensions (W×D×H)	718×500×306mm	718×620×521mm
Packing size (W×D×H)	570×380×795mm	690×595×790mm
Net weight	35.7kg	43.6 kg
Gross weight	38.3kg	47.7kg
Color	Black polyurea spray	Black polyurea spray
Installation device	Professional adjustable angle hanger	Professional hanger

◆ **All-weather Line Array Speaker**   GX-SP2008LW
All-weather Line Array Subwoofer   GX-SP2018SC
All-weather Line Array Speaker   GX-SP2010LW
All-weather Line Array Subwoofer   GX-SP2018SD
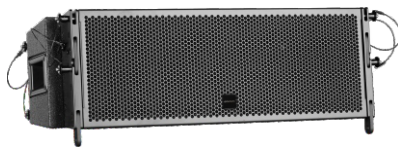
GX-SP2008LW

GX-SP2018SC

GX-SP2010LW

GX-SP2018SD

The all-weather line array speaker series is designed for professional performance occasions, adopting an external frequency division method, with the characteristics of high quality and high restoration. The whole series adopts waterproof design, which can better adapt to the harsh outdoor environment. The cabinet is CNC machined with high-quality birch plywood, which is firm and has excellent low-frequency damping characteristics. The internal structure is strengthened to make it more durable and is for lower resonance. The product adopts waterproof and anti-fog design, which can better adapt to the harsh outdoor environment. The surface and inside of the cabinet is sprayed with black wear-resistant and environment-friendly water-based paint, with high-grade and generous appearance. Speaker accessories use first-class stainless steel sprayed black copper screws and anti-corrosion and anti-rust treatment of black sprayed iron mesh and pendants. It adopts an integrated 6MM thick plastic junction cabinet. The design of the 45-degree downward slope of the wiring port is to prevent rainwater from infiltrating into the box through the plug after the speaker plug is connected. A rubber sealing ring is added between the junction box and the box to achieve better airtight function and waterproof function. The speaker handle and the iron mesh box are designed with a perfect water guide groove and water outlet to avoid the volume of water in the cabinet. This series has high sound pressure level, good detail reduction and clear sound quality, and is suitable for various indoor and outdoor professional performance occasions. Equipped with professional supporting ultra-low speakers to ensure the playback sound quality and dynamics of the music signal.

Technical Specifications

Model	GX-SP2008LW	GX-SP2018SC
Type	3-unit external 2-way line array speaker	1-unit direct-inverting speaker
Drivers	8-inch LF driver x 2, 2-inch HF driver×1	LF driver 18-inch×1
Frequency response	60Hz~20kHz(-3dB)	33Hz~160Hz(-3dB)
Sensitivity (1W/1m)	LMF: 99dB, HF: 103dB	98dB
Rated power	LF: 400W, HF: 80W	600W
Peak power	LF: 1600W, HF: 320W	2400W
MAX SPL	Full frequency: 126dB continuous; 132dB peak Low frequency: 125dB continuous, 131dB peak High frequency: 122dB continuous, 128dB peak	126dB continuous; 132dB peak
Crossover Point	1800Hz	120Hz
Rated Impedance	LF 16Ω HF 8Ω	8Ω
Dispersion (H×V)	A single array is 100°H×8°V (-6dB), and the vertical coverage angle of the line array varies according to the number and curvature of the array	Omnidirectional
Adjustable Angle	0°~10°, unit adjustment angle 1°	-
Connector	2 x speakon NL4MP	2 x speakon NL4MP
Product Size(W×D×H)	743×300×245mm	743×570×580mm
Package Size(W×D×H)	335mm×390mm×825mm	825×660×670mm
Net Weight	22kg	50kg
Gross Weight	24kg	53kg
Cabinet	Multi-layer birch board material, the cabinet is sprayed with waterproof paint inside and outside, the accessories are waterproofed, and the surface is painted with black environmentally friendly water-based wear-resistant paint	
Hanger/Installation device	Professional adjustable angle hoisting bracket	Professional angle hoisting bracket

◆ Technical Specifications

Model	GX-SP2010LW	GX-SP2018SD
Type	3-unit external 2-way line array speaker	1-unit direct-inverting speaker
Drivers	10-inch LF driver x 2, 3-inch HF driver×1	LF driver 18-inch×1
Frequency response	56Hz~20kHz(-3dB)	28Hz~160Hz(-3 dB)
Sensitivity (1W/1m)	LMF : 101dB ; HF: 109dB	98dB
Rated power	LF: 600W, HF: 100W	600W
Peak power	LF: 2400W, HF: 400W	2400W
MAX SPL	Full frequency: 129.5dB continuous; 135.5dB peak Low frequency: 129dB continuous, 135dB peak High frequency: 129dB continuous, 135dB peak	126dB continuous; 132dB peak
Crossover Point	1800Hz	120Hz
Rated Impedance	LF: 16Ω, HF: 8Ω	8Ω
Dispersion (H×V)	Single array 100°H×9°V(-6dB),line array vertical coverage angle varies depending on the number and curvature of the array	Omnidirectional
Adjustable Angle	0°~10°, unit adjustment angle 1°	-
Connector	2 x speakon NL4MP	2 x speakon NL4MP
Product Size(W×D×H)	648×447×320mm	648×704×501mm
Package Size(W×D×H)	728×537×410mm	738×794×582mm
Net Weight	35kg	48.5kg
Gross Weight	37kg	50.5kg
Cabinet	Multi-layer birch board material, the cabinet is sprayed with waterproof paint inside and outside, the accessories are waterproofed, and the surface is painted with black environmentally friendly water-based wear-resistant paint	
Hanger/Installation device	Professional adjustable angle hoisting bracket	Professional angle hoisting bracket

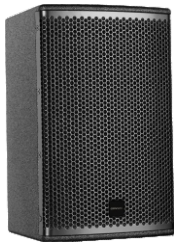# ◆ All-weather Professional Speaker Series
Full-range Speaker
GX-SP1008FW/GX-SP1010FW/GX-SP1012FW/GX-SP1015FW

Monitor Wedge Speaker GX-SP1012CW
Single 18-inch Subwoofer GX-SP1018CW
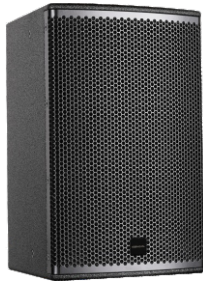## Dual 18-inch Subwoofer GX-SP1218CW
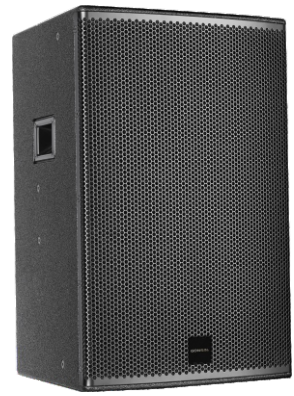
GX-SP1008FW   GX-SP1010FW   GX-SP1012FW   GX-SP1015FW
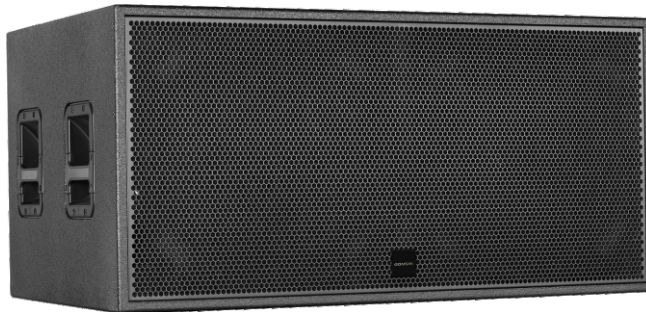
GX-SP1012CW   GX-SP1018CW

GX-SP1218CW

All-weather professional speaker series are all-weather point-source professional speakers specially designed for special environments, including full-range speakers, subwoofers and monitor wedge speakers.

It has built-in crossover circuit and treble dynamic protection circuit, with high-quality crossover processing performance, high conversion efficiency, strong penetration, and strong dynamics, which can make the speaker effectively protected under continuous high output conditions.

The cabinet is CNC machined with high-quality birch plywood, which is firm and has excellent low-frequency damping characteristics. The internal structure is strengthened to make it more durable and is for lower resonance. The product adopts waterproof and anti-fog design, which can better adapt to the harsh outdoor environment. The surface and inside of the cabinet is sprayed with black wear-resistant and environment-friendly water-based paint, with high-grade and generous appearance. Speaker accessories use first-class stainless steel sprayed black copper screws and anti-corrosion and anti-rust treatment of black sprayed iron mesh and pendants. It adopts an integrated 6MM thick plastic junction cabinet. The design of the 45-degree downward slope of the wiring port is to prevent rainwater from infiltrating into the box through the plug after the speaker plug is connected. A rubber sealing ring is added between the junction box and the box to achieve better airtight function and waterproof function. The speaker handle and the iron mesh box are designed with a perfect water guide groove and water outlet to avoid the volume of water in the cabinet. The front of the cabinet protrudes 10MM away from the woofer, and there is a water guide between the speaker and the iron mesh to avoid water accumulation in the cabinet.

It has a compact appearance, good detail reduction and clear sound quality, and can be used in various small and medium-sized professional performance occasions, including outdoor squares, performance venues, theme parks, outdoor stadiums, etc.

❖ Technical Specifications

Model	GX-SP1008FW	GX-SP1010FW	GX-SP1012FW	GX-SP1015FW
Type	2-unit built-in 2-way speaker	2-unit built-in 2-way speaker	2-unit built-in 2-way speaker	2-unit built-in 2-way speaker
Drivers	8-inch LF driver×1 1-inch HF driver×1	10-inch LF driver×1 2-inch HF driver×1	12-inch LF driver×1 3-inch HF driver×1	15-inch LF driver×1 2-inch HF driver×1
Frequency response	70Hz~20kHz (-3dB)	65Hz~20kHz (-3dB)	55Hz~20kHz (-3dB)	50Hz~18kHz (-3dB)
Sensitivity (1W/1m)	99dB	97dB	99dB	97dB
Rated power	200W	300W	450W	500W
Peak power	800W	1200W	1800W	2000W
MAX SPL	122dB continuous 128dB peak	122dB continuous 128dB peak	125.5dB continuous 131.5dB peak	124dB continuous 130dB peak
Dispersion (H×V)	90°H×60°V (-6dB)	90°H×60°V (-6dB)	90°H×60°V (-6dB)	90°H×60°V (-6dB)
Rated Impedance	8Ω	8Ω	8Ω	8Ω
Connector	SPEAKON NL4×2	SPEAKON NL4×2	SPEAKON NL4×2	SPEAKON NL4×2
Product Size(W×D×H)	274×285×422mm	324×335×492mm	380×415×605mm	464×455×687mm
Package Size(W×D×H)	371×375×505mm	423×425×575mm	479×505×690mm	555×545×770mm
Net Weight	10.5kg	17kg	27kg	32kg
Gross Weight	13kg	20kg	30kg	35kg
Cabinet	Multi-layer birch board material, the cabinet is sprayed with waterproof paint inside and outside, the accessories are waterproofed, and the surface is painted with black environmentally friendly water-based wear-resistant paint			
Hanger/Installation device	Bottom Φ38mm support seat, multi-point M8 screw hanging system			

◆ Technical Specifications

Model	GX-SP1012CW	GX-SP1018CW	GX-SP1218CW
Type	2-unit built-in 2-way speaker	1-unit high quality subwoofer	2-unit high quality subwoofer
Drivers	12-inch LF driver×1 3-inch HF driver×1	18-inch LF driver×1	18-inch LF driver×2
Frequency response	48Hz~19kHz (-3dB)	32Hz~350Hz (-3dB)	30Hz~250Hz(-3dB)
Sensitivity (1W/1m)	97dB	98dB	99dB
Rated power	400W	600W	1200W
Peak power	1600W	2400W	4800W
MAX SPL	123dB continuous 129dB peak	126dB continuous 132dB peak	130dB continuous 136dB peak
Dispersion (H×V)	60°H×90°V (-6dB)	Omnidirectional	Omnidirectional
Rated Impedance	8Ω	8Ω	4Ω
Connector	SPEAKON NL4×2	SPEAKON NL4×2	SPEAKON NL4×2
Product Size(W×D×H)	630×452×382mm	663×592×580mm	1132×695×550mm
Package Size(W×D×H)	710×558×472mm	753×682×660mm	655×795×1240mm
Net Weight	27kg	49kg	93kg
Gross Weight	30kg	52kg	96kg
Cabinet	Multi-layer birch board material, the cabinet is sprayed with waterproof paint inside and outside, the accessories are waterproofed, and the surface is painted with black environmentally friendly water-based wear-resistant paint		
Hanger/Installation device	Foot nail installation, with three placement angles: far angle 15°, middle angle 45°, near angle 60°	Foot nail installation	Foot nail installation

◆ Subwoofer

GX-SP1018SF

◆ Features

♦ Compact design with a 5.25" polypropylene low frequency driver and a 1" silk dome high frequency driver

♦ High-fidelity restoration with powerful expressive ability between sounds

♦ Rich interface design, the main speaker has balanced and unbalanced input, Bluetooth input, speaker output interface

♦ The sub speaker is connected to the main speaker using the speaker input interface

♦ The main speaker has a volume adjustment knob

♦ The main speaker has an LED indicator to show the on status and Bluetooth connection status

♦ The main speaker has power switch, left and right channel switch function

♦ 100W output power, suitable for more occasions

◆ Technical Specifications

Product Model	Main speaker	Sub speaker
Unit	1×5.25-inch low-frequency unit, 1×1-inch high-frequency unit	
Maximum Sound Pressure Level	105dB	
Frequency Response	50Hz-20kHz -10dB	
Peak Power	50W	50W
Crossover Point	2.8kHz	
Input Type	Balanced input: TRS 6.35 Unbalanced input: RCA, TRS 3.5 Bluetooth 5.0	Speaker Clip
Output Connector	Speaker Clip	-
Power Supply	AC100~240V 50~60Hz	-
Dimension (W×D×H)	259×211×175mm	259×211×175mm
Weight	3.8kg	3kg

◗ Power Amplifier

GX-PA5005 /GX-PA5006 /
GX-PA5007 / GX-PA5008 /
GX-PA5009 /GX-PA5010 /
GX-PA5011

GX-PA5012 /GX-PA5013 /
GX-PA5014 /GX-PA5015 /
GX-PA5016 /GX-PA5017

The new compact design, small and light, beautiful and generous, the front panel has a power switch, a separate channel gain control knob, and has the function of stereo and parallel selection. It has short circuit, overheating, overload, over current, output DC, soft start protection, current fuse protection, and transformer overheat protection.

High-quality components are selected to realize the high-fidelity restoration of the circuit. At the same time, the temperature automatic compensation constant temperature technology is used in the chassis, the circuit automatically detects and adjusts intelligently, and the internal fan is used for strong heat dissipation, so that the equipment can maintain a stable working state for a long time.

◗ Features

◆ New compact design, front panel with power switch, separate channel gain control knob

◆ Multi-channel design, with 2/4 channel models optional

◆ The 2-channel model has 2-way audio input and 2-way audio loop-out interfaces, has an input sensitivity dial selection switch, has 2-way speaker output interfaces, and supports two connection methods of SPEAKON connector and binding post respectively

◆ The 4-channel model has 4-way audio input interface. When it is set to LINK mode, it supports 2-way audio input and 2-way audio loop-out. It has 4-way speaker output interface and supports the connection method of SPEAKON connector

◆ With a working mode selection switch, it supports setting to stereo and parallel mode

◆ Using LPMA-E low-power multi-channel audio network bus technology, it supports real-time compilation of multi-channel digital audio. Support docking with full digital conference system, can receive digital audio from conference server through network interface, and realize power amplifier output

◆ Using Class H circuits, HiFi-level fever circuits, low-noise ICs and high-precision resistance-capacitance components, the sound reproduction is high

◆ With short circuit, overheating, overload, overcurrent, output DC, resonant soft switch start, current fusing protection, transformer overheating protection function

◆ Linear voltage regulator circuit with overvoltage protection, when the load is lower than the rated range, the output power is intelligently controlled, and the constant power is within the safe range to ensure the safety and reliability of the power amplifier

◆ The chassis adopts temperature automatic compensation and constant temperature technology, supports intelligent temperature measurement and adjustment, and cooperates with high-density copper radiator and internal fan for strong heat dissipation, which can ensure the stable operation of the device for a long time

◆ Adopt 180V~250VAC wide working voltage, built-in power management embedded software, can monitor voltage status, avoid equipment failure caused by voltage fluctuation, and realize all-weather protection

❯ Technical Specifications

◆ 2-channel power amplifier technical specifications

Model	GX-PA5005	GX-PA5006	GX-PA5007	GX-PA5008	GX-PA5009	GX-PA5010	GX-PA5011
RMS power (8 ohms stereo)	2×300W	2×400W	2×600W	2×800W	2×1300W	2×1600W	2×2000W
RMS power (4 ohms stereo)	2×450W	2×600W	2×900W	2×1200W	2×1950W	2×2400W	2×3000W
Frequency response	20Hz-20kHz(±0.3dB)						
Total harmonic distortion	<0.05%@8Ω 1kHz						
Signal to noise ratio	>105dB						
Conversion rate	40V/μs						
Damping coefficient	>550@8Ω						
Crosstalk	>100dB@8Ω 1kHz						
Input sensitivity	0.775V/1.0V						
Load impedance	4Ω~16Ω						
Input impedance	20kΩ balanced/10KΩ unbalanced						
Input connector	2×XLR						
Output connector	2×XLR 2×SPEAKON						
Front panel control	power switch, volume adjustment knob (independent control of each channel)						
Rear panel control	power amplifier mode (stereo, parallel) switch, sensitivity switch						
Protection function	DC, short circuit, overheating, soft start						
Power supply	AC180~250V 50~60Hz						
Maximum power consumption	710W	940W	1410W	1880W	3060W	3760W	4710W
Product size (W×D×H)	483×464×88mm						
Packing size (W×D×H)	585×565×145mm						
Net weight	16kg	16.8kg	17.3kg	17.8kg	19.7kg	20.7kg	27.1kg
Gross weight	17kg	17.8kg	18.3kg	18.8kg	20.7kg	21.7kg	28.1kg

◆ 4-channel power amplifier technical specifications

Model	GX-PA5012	GX-PA5013	GX-PA5014	GX-PA5015	GX-PA5016	GX-PA5017
RMS power (8 ohms stereo)	4×300W	4×400W	4×600W	4×800W	4×1300W	4×1600W
RMS power (4 ohms stereo)	4×450W	4×600W	4×900W	4×1200W	4×1950W	4×2400W
Frequency response	20Hz-20kHz+0/-0.5dB					
Total harmonic distortion	<0.05%@8Ω 1kHz					
Signal to noise ratio	>105dB					
Conversion rate	40V/μs					
Damping coefficient	>550@8Ω					
Crosstalk	>100dB@8Ω 1kHz					
Input sensitivity	1.0V					
Input impedance	20KΩ balanced/10KΩ unbalanced					
Input connector	4×XLR					
Output connector	4×XLR 4×SPEAKON					
Front panel control	power switch, volume adjustment knob (independent control of each channel)					
Rear panel control	power amplifier mode (stereo, parallel) switch, sensitivity switch					
Protection function	DC, short circuit, overheating, soft start					
Power supply	AC180~250V 50~60Hz					
Maximum power consumption	1410W	1880W	2820W	3760W	6120W	7530W
Product size (W×D×H)	483×464×88mm					
Packing size (W×D×H)	585×565×145mm					
Net weight	17.2kg	18.4kg	19.2kg	20.8kg	24.1kg	25kg
Gross weight	18.2kg	19.4kg	20.2kg	21.8kg	25.1kg	26kg

Digital Professional Power Amplifier
GX-PA3005/ GX-PA3006/ GX-PA3007/ GX-PA3008

GX-PA3005

GX-PA3006

GX-PA3007

GX-PA3008

New compact design, small and light, beautiful and generous, front panel with power switch, separate channel gain control knob, LED status indicator, rear panel provides XLR head balanced audio input and loop output, equipped with NL4MP speakon speaker interface, with stereo , Parallel, bridge mode selection function.

Using high-power, low-noise Class D amplifier circuit and integrated switching power supply, the human voice is transparent and the performance is stable. Support 2/4/8 ohm fixed resistance output. Adopting an efficient air duct design and a variable speed cooling system, the whole machine has a good heat dissipation effect and extremely low working noise. Select high-quality components, strict quality management, effective protection with professional protection circuits, and more stable use of the equipment.

Features

- Brand new compact design, small and light, with extremely high power density
- Finished aluminum panel, beautiful and generous
- With professional protection circuits such as soft start, DC, infrasound, high frequency, overheating, short termination, mute on/off, etc.
- It has an advanced heat dissipation system and a temperature-controlled variable-speed wind room design, which has a good heat dissipation effect and extremely low working noise
- Support low impedance operation, support 2/4/8 ohm fixed impedance output
- Using active power factor correction technology, the equipment operates more efficiently
- It has an efficient speaker back-EMF absorption system
- Integrated design of power amplifier module and power supply module to ensure the consistency and stability of the product
- The low frequency is strong, the human voice is transparent, and the performance is stable
- Wide-voltage switching power supply design can meet the needs of global regions
- Suitable for conferences, multi-function halls, broadcasting, background music, etc.

◆ Technical Specifications

Model	GX-PA3005	GX-PA3006	GX-PA3007	GX-PA3008
RMS power (8 ohms stereo)	2×600W	2×1100W	4×600W	4×1100W
RMS power (4 ohms stereo)	2×900W	2×1700W	4×900W	4×1700W
RMS power (2 ohms stereo)	2×1035W	2×1900W	4×1035W	4×1900W
RMS power (8 ohms bridge mono)	1×1800W	1×3400W	2×1800W	2×3400W
RMS power (4 ohms bridge mono)	1×2070W	1×3800W	2×2070W	2×3800W
Frequency response	20Hz-20kHz(±0.3dB)			
Total harmonic distortion	< 0.5dB			
Damping coefficient	500			
Signal to noise ratio	>95dB			
Conversion rate	30V/us			
Input sensitivity	1.0V 0.775V	0.775V	1.0V 0.775V	0.775V
Input impedance	20KΩ balanced/10KΩ unbalanced			
Input connector	2×XLR		4×XLR	
Output connector	2×XLR 2×SPEAKON		4×XLR 4×SPEAKON	
Front panel control	power switch, volume adjustment knob (independent control of each channel), power amplifier mode (stereo, parallel, bridge) switch			
Rear panel control	sensitivity switch GX-PA3005,GX-PA3007			
Cooling method	front to back ventilation, stepless speed regulation			
Protection function	soft start, DC, short circuit, clipping, distortion, overheating, overtemperature, etc.			
Power supply	AC180~264V 50~60Hz			
Maximum power consumption	1410W	2590W	2820W	5180W
Size	483×300×44mm			
Packing size (W×D×H)	544×402×100mm			
Net weight	5.03kg	6.2kg	11.5kg	12kg
Gross weight	6.03kg	7.2kg	12.5kg	13kg

Mixer

GX-MX1014-Z/GX-MX1016-Z

GX-MX1014-Z

GX-MX1016-Z

Features

- With MP3 player;
- With high and low impedance switching function;
- With four-way marshalling function;
- Comes with reverse feed interface;
- Compact design, with cabinet mounting bracket (12/14 way) for cabinet installation;
- Comes with 99 modes of digital effector;
- 60 mm high-precision fader with dust-proof net;
- 3-stage EQ with low cut filter and high efficiency;
- 2 stereo AUX loopbacks with level control, and can send the signal to AUX1-2;
- Recorder input/output with separate switch, which distributes the signal to the control room and output;
- With high pass filter (low cut), cut-off point 75Hz-18dB/Oct;
- High-precision 12-segment output level indicator;
- With USB port, support computer recording and playback
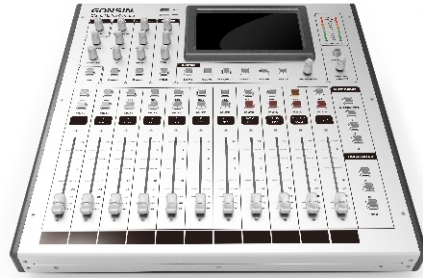- Wide-voltage switching power supply design can meet the needs of global regions

◆ Technical Specifications

Product number	GX-MX1014-Z	GX-MX1016-Z
Input	6 balanced gold-plated MIC XLR/ balanced linear inputs; 2 pairs of stereo 6.35mm linear input/ balanced gold-plated XLR input; 2 pairs of unbalanced lotus mouths	8 balanced gold-plated MIC XLR/ balanced linear inputs; 2 pairs of stereo 6.35mm linear input/ balanced gold-plated XLR input; 2 pairs of unbalanced lotus mouths
XLR interface	With 48V phantom power	
Frequency Range	10Hz~55kHz	
Total harmonic distortion	<0.03% @+0dBu	
Mono gain	0~50 dB (MIC), balanced	
Stereo gain	+15~-35 dBu	
Noise	-100 dBu	
Sensitivity	15 dB±3dB	
Crosstalk	-90 dB@1 kHz	
Equalizer (mono)	Treble: +/-15 dB@12 kHz Midrange: +/-15 dB@100Hz-3 kHz Bass: +/-15 dB@80 Hz	
Equalizer (stereo)	Treble: +/-15 dB@12 kHz Middle and high tone: +/-15 dB@3 kHz Mid-bass: +/-15 dB@500Hz Bass: +/-15 dB@80 Hz	
DSP effects	D/A converter: 24bit Preset mode: 99 Maximum output level: +22 dBu Maximum input level: +30 dBu, Gain @+10 dB	
Input resistance	Microphone: 2.6KΩ, balanced Stereo: 20KΩ, balanced Auxiliary: 20KΩ, balanced Recording: 24KΩ, balanced	
Output impedance	Main output: 240Ω, balanced, 120Ω, unbalanced Auxiliary: 120Ω, balanced Recording: 1KΩ, balanced Headphone: 25Ω, balanced	
Power Supply	100-240 VAC, 50 Hz; 30W	
Dimension (D×W×H)	431×438×86mm	431×493×86mm
Net weight	4.5kg	6kg

Mixer
GX-MX2010A-D

Features

- Adopt quad-core 1.4G high-performance ARM processor, the linux system is stable and efficient, and it can be started quickly after power-on
- Adopt 24-bit/48kHz sampling rate
- With powerful DSP processing capabilities, the input channel has digital gain, 6-channel gain-sharing automatic mixing, supports 100 preset 4-band parameter equalization, noise gate, feedback suppressor (10 channels), high and low pass, compression , Inverting function, each output channel has support for 100 preset 8-band parameter equalization, high and low pass, compression, inversion, and delay functions
- With matrix mixing, 4 digital effects, 2 DCA input group function
- Built-in sine wave, pink noise, white noise signal generator, convenient for system debugging
- DSP has programming, saving, loading and copying functions, supports 100 scenes, and can be exported to an external storage device for storage backup
- The PEQ of the input channel supports 100 pre-stored scene presets, supports loading, recalling, importing and exporting
- Support channel parameter copy function, the same channel can quickly copy data
- With panel lock buttons to prevent misoperation on site
- It has 6 balanced XLR microphone inputs/6.35 line inputs, through the digital gain speech amplifier channel, can effectively prevent misoperation, has extremely low noise and wide gain control range, supports +48V phantom power
- With 4 RCA inputs, 1 optical fiber input, and 1 coaxial input
- Each channel can be assigned to Main, BUS1-4 output
- With 1 set of main L/R mixing output, 4 auxiliary outputs, 1 headphone output
- Equipped with USB interface, support U disk connection, realize USB recording and playback functions
- The USB player supports APE, FLAC, MP3, WAV lossless audio formats, and supports Chinese song names
- USB supports mouse connection to realize mouse control
- Support optional WIFI hotspot to realize wireless control
- Equipped with 11 100mm precision motor faders, with a good operating experience
- The device comes with a 7-inch large color LCD touch screen, 1024×600 resolution
- Support RS-232, TCP/IP control protocol, support WINDOW\IOS software control, real-time data synchronization
- Support simultaneous control of 8 terminals
- Support the optional dual digital mixer synchronization backup function, the standby mixer can synchronize the status of the main mixer in real time, and the main and standby switching time is less than 0.2 seconds
- With Chinese and English operation interface, switching does not need to restart the device
- Wide-voltage switching power supply design can meet the needs of global areas

◈ Technical Specifications

Analog input	6CH (MIC/Line)+4CH(RCA)
Digital input	1CH(SPDIF IN)+1CH(OPTICAL)
Analog output	L/R+4BUS+Headphone(L/R)
Digital output	AES EBU
Frequency response	20Hz-20kHz ±0.3dB
THD+N distortion	0.005% @4dBu 20 ~ 20kHz
Signal-to-noise ratio	-106dB Unweighted
Dynamic Range	106dB
Noise floor	-89dBu without weighting (output fader 0dBu)
Maximum input level	18dBu (6.2Vrms) balanced
Maximum output level	18dBu (6.2Vrms) Balanced
Effector	4 effector buses (6 preset effect parameters, 24 user storage)
Feedback suppressor	10 independent feedback suppressors
Display screen	Main display: 7-inch LCD screen,1024x600,resistive touch
System	Quad-core 1.4G high-performance ARM processor,Linux system
USB	Recording and playback (play format APE, FLAC, MP3, WAV), support USB mouse
Electric fader	11 (1 L/R main channel fader, 10 channel faders)
Control protocol	RS-232, TCP/IP
powered by	AC 100V-240V; 50/60Hz 55W
net weight	8kg
Gross weight	11kg
Product Size	430x430x146mm (W×D×H)
Package dimensions	540x610×285mm (carton)

◈ Mixer GX-MX2016B-D

Features

- ◆ ADSP-21489 400Mhz DSP processor and Samsung 4418 quad-core 1.4G ARM processor are used to provide powerful DSP processing capability, fast power-on startup, stable and efficient system, easy driving of touch screen and safety

- ◆ With a 7-inch touch screen, it has a simple Chinese and English operation interface and a clear navigation design, and the language switch does not need to restart the device

- ◆ It has 13 100mm precision motor faders, including 1 LR main channel electric fader, 12 channel electric faders and 2 fader layers, which can realize fast switching on site and have a good operating experience; it has 17 multi-function Knob, 4 mute buttons, easy to control

- ◆ With 14 balanced XLR microphone input/6.35 line input, support +48V phantom power

- ◆ With 1 set of stereo input channels, support 6.35 line, USB, S/PDIF, optical audio input

- ◆ With 14 channels of audio output, including 1 set of Main (L/R) mixing output, 6 channels of BUS output, 2 channels of AUX output, 1 set of Headphone (L/R) output, and 1 set of AES output (copy Main L/R)

◆ Input channels 1~14 have digital gain microphone preamp, smooth 1dB step gain adjustment, with minimal distortion and ultra-low noise floor, multi-function parameter adjustable

◆ All input channels have independent inverters, feedback suppressors, noise gates, compressors, high-pass filters/HPF, low-pass filters/LPF, 4-band parametric equalization/PEQ, noise gate startup time, recovery time can support 1000ms

◆ Audio data mixing technology using AF-AM attenuation factor, support matrix intelligent mixing, each channel can be assigned to Main, BUS1-6, AUX1-2 mixing output; with 2 independent automatic mixing groups, input channels Gain-sharing automix function

◆ PEQ parameter adjustment can be stored independently, 100 presets for custom storage, and supports data import and export

◆ The output channel has an independent inverter, 8-segment parametric equalization/PEQ, high-pass filter/HPF, low-pass filter/LPF; compressor, output delay function, and the output delay adjustment time can reach up to 1800ms

◆ Built-in signal generator, with three outputs of pink noise, sine wave and white noise, the frequency can be adjusted within a certain range, which is convenient for system debugging

◆ Built-in DSP digital audio processing software; DSP has programming, saving, loading and copying functions, supports 32 scenes, and can be exported to an external storage device for storage backup

◆ The PEQ of the input channel supports 100 pre-stored scene presets, and supports loading, recalling, importing, and exporting

◆ Support fast copy of channel parameters, fast copy data of the same channel, greatly improving operation efficiency

◆ With a system lock function, it can lock all input and output gain, reverse, channel mute, parametric equalization/PEQ, fader, effector, scene preset call, etc. to prevent misuse

◆ With 2 independent effect busses, each effect bus has 6 built-in preset effect types, supports 24 user effect presets, and has 4-band parametric equalization/PEQ, high-pass filter/HPF, low-pass filter/LPF and other parameters adjust

◆ Support 2 DCA input grouping function

◆ Support recording and broadcasting function; USB interface supports USB recording and playback. Support APE, FLAC, MP3, WAV lossless audio formats. Supports Chinese song titles, which can be displayed synchronously on the iPad APP and PC software, with functions such as fast forward, next song, and quick pause

◆ USB interface supports mouse connection (optional) for control

◆ The USB interface supports connecting to WIFI hotspots to realize wireless control of the mixer

◆ Support RS-232, TCP/IP communication mode and open control protocol, can be connected to the central control system, visual media interactive system, intelligent conference management platform, to realize visual management functions such as volume control, balance adjustment, mode call, status monitoring, etc.

◆ With full-featured iPad APP and PC-side operating software, and simple-controlled Android app, it supports simultaneous control of no less than 8 application terminals, and the status is displayed synchronously; the software interface can monitor CPU temperature and DSP usage in real time, and simultaneously detect the mixer Whether each functional module is running normally, check the basic conditions of the device (such as: running time, system clock, IP address, version number, WIFI status, etc.)

◆ Built-in dual-machine hot backup software. Support the synchronous backup function of two digital mixers, the standby mixer can synchronize the state of the main mixer in real time, and the switching time of the master and standby is less than 0.2 (optional)

◆ Adopt 100V~240V wide voltage input, built-in power management embedded software, can monitor voltage status, avoid equipment failure caused by voltage fluctuation, and realize all-weather protection

◆ Technical Specifications

Model	GX-MX2016B-D
Analog Input	14×MIC/Line, 2×Line
Digital Input	1×SPDIF_IN/1×OPTICAL/1×USB_AUDIO
Analog Output	1×Main (L/R), 6×BUS, 2×AUX, 1×Headphone (L/R)
Digital Output	1×AES EBU (Copy Main)
DCA	2 groups
Frequency Response	20Hz~20kHz ±0.3dB
Output Delay	Adjustment Time 0~1800ms
THD+N Distortion	0.005% @4dBu 20~20kHz
Signal-to-Noise Ratio	-108dB Unweighted
Dynamic Range	108dB
Speech with Background Noise	30dBu Amplifier Gain -86.8dBu unweighted for (AP Test AES17-20Khz)
	40dBu Amplifier gain -80dBu unweighted (AP test AES17-20Khz)
Background Noise	-90dBu unweighted (0dBu output fader)
Maximum Input Level	18dBu (6.2Vrms) balanced, THD+N not to exceed 0.5% at 18dBu
Maximum Output Level	18dBu (6.2Vrms) balanced, THD+N not to exceed 0.5% at 18dBu
Effects	2 effect buses (6 preset effect parameters, 24 user memories)
Feedback Suppressor	16 channels
Display	Main display: 7-inch LCD, 1024 × 600, resistive touch, in English and Chinese
SYSTEMS	Quad-core 1.4G high-performance ARM processor, Linux system
USB	Recording Playback (Playback format APE, FLAC, MP3, WAV), support USB mouse
Motorized Faders	13 (1 L/R main channel fader, 12 channel faders)
Control Protocol	RS-232, TCP/IP, WIFI (optional), USB mouse
Start-up time	22 seconds
Power supply	AC100V~240V, 50~60Hz, 55W
Net weight	10.7kg
Gross weight	14.9kg
Dimension (W×D×H)	535×485×205mm
Packing size (W×D×H)	635×580×335mm (Carton)

Mixer GX-MX2024B-D/GX-MX2032B-D

Features

- Adopt quad-core 1.4G high-performance ARM processor, the linux system is stable and efficient, and it can be started quickly after power on;

- Adopt 24-bit/48kHz sampling rate

- With powerful DSP processing capabilities, the input channel has digital gain, 16-channel gain-sharing automatic mixing, supports 100 preset 4-band parameter equalization, noise gate, feedback suppressor (16 channels), high and low pass, compression , Inverting function, each output channel has support for 100 preset 8-band parameter equalization, high and low pass, compression, inversion, and delay functions

- With matrix mixing, digital effector, DCA input grouping function

- Built-in sine wave, pink noise, white noise signal generator, convenient for system debugging

- DSP has programming, saving, loading and copying functions, supports 100 scenes, and can be exported to an external storage device for storage backup

- The PEQ of the input channel supports 100 pre-stored scene presets, supports loading, recalling, importing and exporting

- Support channel parameter copy function, the same channel can quickly copy data

- With panel lock button to prevent misoperation on site

- It has 24/32 channels with balanced XLR microphone input, through the digital gain amplifier channel, can effectively prevent misoperation, has extremely low noise and wide gain control range, supports +48V phantom power

- Each channel can be assigned to Main, BUS1-10 output

- With 1 set of main L/R mixing output, 10 auxiliary outputs, 1 headphone output

- Equipped with USB interface, support U disk connection, realize USB recording and playback functions

- The USB player supports APE, FLAC, MP3, WAV lossless audio formats, and supports Chinese song names

- USB supports mouse connection to realize mouse control

◆ Equipped with 17 100mm precision motor faders, with a good operating experience

◆ The fader channel is equipped with a 1.3-inch LCD display, which supports custom display of the channel name

◆ The device comes with a 10.1-inch large color LCD touch screen with a resolution of 1280×800

◆ Support RS-232, TCP/IP control protocol, support WINDOW\IOS software control, real-time data synchronization

◆ Support simultaneous control of 8 terminals

◆ With Chinese and English operation interface, switching does not need to restart the device

◆ Wide-voltage switching power supply design can meet the needs of global regions.

◆ Support customized flight case packaging

❯ Technical Specifications

Model	GX-MX2024B-D	GX-MX2032B-D
Analog input	24CH (MIC/Line)	32CH (MIC/Line)
Analog output	L/R+10BUS+Headphone(L/R)	
Frequency response	20Hz 20kHz ±0.3dB	
THD+N distortion	0.005% @4dBu 20 20kHz	
Signal-to-noise ratio	108dB without weight	
Dynamic Range	108dB without weight	
Noise floor	-90dBu without weighting (output fader 0dBu)	
Maximum input level	Balanced 20dBu	
Maximum output level	Balanced 20dBu	
Effector	2 effector buses (6 preset effect parameters, 24 user storage)	
Feedback suppressor	16 independent feedback suppressors	
Display screen	Main display: 10.1-inch LCD screen, 1280×800, resistive touch;	
	channel display: 1.3-inch LCD screen	
System	Quad-core 1.4G high-performance ARM processor, Linux system	
USB	Recording and playback (play format APE, FLAC, MP3, WAV), support USB mouse	
Electric fader	17 (1 L/R main channel fader, 16 channel faders)	
Control protocol	RS-232, TCP/IP	
powered by	AC 100V-240V; 50/60Hz 155W	
net weight	22.1kg	
Gross weight	26.5kg (carton)	39.5kg (flight case)
Product Size	610×650×230mm (W×D×H)	
Package dimensions	758×735×350mm (carton)	800×710×350mm (flight case)

Mixer GX-MMX1010(V2)

Functions

- Support up to 10 channels microphone input
- Built-in 48V phantom power, power switch in back panel; independent 48 phantom power switch for each channel
- Treble and bass adjustment and gain control function
- Every channel comes with auto voice-activated function, voice-activated level is adjusted by MANU which allows sound channel with signal input to be activated.
- Auto compressor: the compressor can adjust main output level. When multiple mic are used, the compressor can avoid feedback casued by the increased gain.
- Feedback suppress function: built-in digital frequency shifter, high fidelity, excellent feedback suppress function. The function can be turned on or switch by "SHIFT/BYPASS" in front control panel.
- Built-ine mini computer, users can set the priority function freely by DIP switch in the front panel. The prior number is unlimited; When DIF is off, it means free discussion mode, 10 mic can speak freely; When DIF setting is on, the corresponding mic is on, the level of other mic is auto reduced by 40dB.
- Cascade function, form multiple groups of mic conference system
- A group of aux input for background music
- Balanced output and a group of aux output
- Built-in mini processor with RS232 port and RS485 port, RS232 port is for setting and communication(two-way)
- It comes with logic output, 10-digit logic output, 5V high level output when it is activated
- External dual 17V power transformer(16W220V)

Technical Specifications

Input Impedance	Mic input	4KΩ
	Cable input	30KΩ
	Cascade input	20KΩ
	AUX input	30KΩ
Output impedance	Balanced output	200Ω
	Unbalanced output	400Ω
Max input level	Mic input	-24dBV
	Cable input	+30dBV
	AUX input	+17dBV

	Max gain	73dB
	Frequency response	30Hz-28kHz
	Input noise	-124dBV
Other	Mic input attenuation	50dB
	Phantom power	+48VDC
	Power supply	15V/DC/500MA

◆ Conference Microphone GX-MIC101

Microphone gril

Working condition lights

Wind Sponge

Battery Box

Folding removable microphone pole XLR fixed

Switch

◆ Technical Specifications

| Polar Pattern	Uni-direction(capacitive)
Frequency response	60Hz~15kHz
Sensitivity	-47dB/±3dB(1kHz)
Reference distance	15-50cm
Low Frequency Roll-Off	125Hz 6dB/OCTAVE
Output impedance	200Ω
Maximum bearing	135dB SPL 1kHz At1% T.H.D
S/N	66dB.1kHz AT PA
Dynamic range	111dB.1kHz AT MAX SPL
Power supply	DC 3V/48V (phantom)
Base material	Zinc alloy
Microphone rod length	410mm

Digital Audio Processor

GX-DSP1022/GX-DSP1023/GX-DSP1024/GX-DSP1025/GX-DSP1026
GX-DSP1022A/GX-DSP1023A/GX-DSP1024A/GX-DSP1025A/GX-DSP1026A
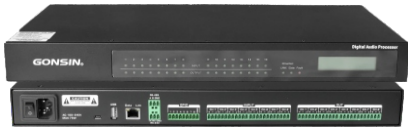
GX-DSP1022/GX-DSP1022A
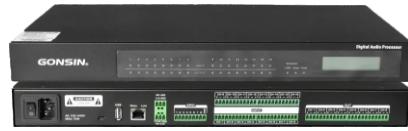
GX-DSP1023/GX-DSP1023A

GX-DSP1024/GX-DSP1024A

GX-DSP1025/GX-DSP1025A

GX-DSP1026/GX-DSP1026A

GONSIN Digital Audio Processor adopts the fourth generation audio DSP chip, hence now it is equipped with strong DSP processing power. Furthermore, the unique core DSP method and the design for lower noise as well as lower distortion provide high-quality sound quality to the site. The updated Digital Audio Processor not only meets the operating requirements of professional audio projects of all sizes, but also meets the application requirements of various social occasions (Theatre, concert hall, remote video conference, stadium, church, convention center, theme park, etc.)

Features

- Adopt the fourth generation high-performance SHARC ADSP-21488 400Mhz floating-point DSP, with powerful DSP processing capability
- The front panel has a signal indicator light, a network connection status indicator light, a communication status indicator light, a fault indicator light, and an LCD display, which can visually display the system status.
- Support 4/8/12/16 channel balanced input, with 48V phantom power soft switch, support microphone, line audio signal input
- Support 8/12/16 balanced audio outputs, support for connecting power amplifiers, recording equipment and other equipment
- With DANTE interface, it supports 4 channels of Dante digital audio signal input and output (GX-DSP1025, GX-DSP1026, GX-DSP1025A, GXDSP1026A), which can quickly and flexibly build a sound reinforcement system
- It has 8 custom function GPIO interfaces, which can monitor input high and low level signals, trigger channel mute, call preset and other custom functions, and configure the functions of each GPIO through PC software
- It has 1 RJ45 network interface, 1 RS232 interface and 1 RS485 interface. Support RS-232, TCP/IP communication protocol, can be connected to the central control system, visual media interactive system, intelligent conference management platform, to realize status monitoring, volume control, mode call, mute setting and batch reading of the level before and after mixing Table information and other functions

- Has 1 USB-A port. Support the recording and broadcasting function, and support the recording of the output channel. Built-in USB player, supports U disk to play audio files. Support APE, FLAC, MP3, WAV lossless audio formats. Recognizable Chinese song titles

- With 1 Mini-USB interface, support machine firmware upgrade

- Ultra-low noise floor preamplification circuit and low distortion analog circuit make the dynamic range of ADC and DAC up to 118dB, providing high-quality sound for the scene

- Built-in DSP digital audio processing software. All input channels have gain control, noise gate, automatic feedback suppressor, high and low pass filter, 8-band parametric equalizer, compressor, delayer, input group control, automatic mixing and other functions

- The automatic feedback suppressor can select each channel to be enabled separately, which can increase the gain of the channel by 4~5dB

- All output channels with high and low pass filters, 8-band parametric equalizer, compressor, delay, output group control

- Adopt AF-AM attenuation factor audio data mixing technology, support matrix intelligent mixing, and realize free mixing output of any input channel; it has 2 independent automatic mixing groups, and the input channel has a gain-sharing automatic mixing function

- Built-in signal generator: sine wave signal, pink noise, white noise

- Supports fast copying of channel parameters, greatly improving operating efficiency

- Support 32 groups of scene preset functions, which can be called through RS-232, TCP/IP protocol

- Support setting access rights, support locking the function settings of each channel, which can prevent unauthorized personnel from operating the device, and avoid system instability caused by improper settings

- Provide easy-to-use control software, support WINDOWS, Android, IOS platforms; IOS, WINDOWS version software has full control functions, support viewing device-related status information and audio switching functions; Android software supports input and output volume control, signal level, preset setting and calling functions

- Built-in camera tracking management software, with camera tracking code output function. The camera tracking function can be realized by connecting the central control system, camera, and video matrix

- Support AEC echo cancellation function, one-key switch echo cancellation function, reduce the complexity of debugging, fast adaptive echo cancellation based on algorithm level, unique local benefit mode, bring clear voice to remote video conference (optional)

- Built-in dual-machine hot backup software, supports dual-machine data synchronization hot backup, escorting important meetings (optional)

- Support no less than 16 external control panels, with Chinese and English interfaces, more convenient operation

- Adopt 100V~240V wide voltage input, built-in power management embedded software, can monitor voltage status, avoid equipment failure caused by voltage fluctuation, and realize all-weather protection

◆ Technical Specifications

Product number	GX-DSP1022 GX-DSP1022A	GX-DSP1023 GX-DSP1023A	GX-DSP1024 GX-DSP1024A	GX-DSP1025 GX-DSP1025A	GX-DSP1026 GX-DSP1026A
DSP chip	ADSP-21489 400MHz,400MIPS/2200 MFLOP				
Sampling frequency/ quantication	48 kHz,24Bi t ADC,24Bi t DAC				
Frequency response	20 Hz – 20 kHz, ±0.3dB @0dBu				
Dynamic Range	ADC:118dB; DAC:118dB				
THD	<0. 0035% @0dBu 20Hz~20kHz				
CMRR	>80dB @ 1 kHz MIC Gain 20dBu				
Signal crosstalk	100dB ±5dB @ 0dBu 1kHz				
Maximum input level	+18.5dBu				
Audio input	8-channel balanced microphone/line input Phoenix plug	16-channel balanced microphone/line input Phoenix plug	16-channel balanced microphone/line input Phoenix plug	8-channel balanced microphone/line input Phoenix plug,	12-channel balanced microphone/line input Phoenix plug,
Dante audio input	-	-	-	4-channel Dante	4-channel Dante
Phantom power	+48VDC, soft-switching				
Microphone preamplifier gain	0-40 dB analog gain, 12dB digital gain				
input resistance	>5kΩ balanced, >3kΩ unbalanced				
Output impedance	600Ω				
EIN	<-125 dBu, 22Hz - 22kHz				
Background noise	-93dBu (unweighted)				
Analog audio output	8-channel balanced output, Phoenix plug	8-channel balanced output, Phoenix plug	16-channel balanced output, Phoenix plug	8-channel balanced output, Phoenix plug	12-channel balanced output, Phoenix plug
Dante audio output	-	-	-	4-channel Dante	4-channel Dante
Output impedance	600Ω				
Default input and output level	+0 dBu				
GIPO interface	8				
USB interface	Support recording, playback, upgrade				
Scene preset	32 groups, can be called through TCP/IP, RS-232 protocol				
Functional module	Channels are with gain control, noise gate, automatic feedback suppressor, high and low pass filters, parametric equalizer(8 segments), compressor, delay timer and input marshalling controller				
DANTE transmission	GX-DSP1025/GX-DSP1025A/GX-DSP1026/GX-DSP1026A				
AEC echo cancellation	GX-DSP1022A/DSP1023A/DSP1024A/DSP1025A/DSP1026A				
Signal generator	sine wave signal,pink noise,white noise				
Control protocol	TCP/IP,RS-232,RS-485				
software platform	WINDOWS,IOS,Android				
Wall touch screen	16				
Power supply	AC100~240VA,50/60 Hz				
Power	75W				
Product size (W×D×H)	1U,480×250×44mm				
Packing size (W×D×H)	485×315×115mm				
Net weight	3.18kg				
Gross weight	4.5kg				
Operating temperature	0~40°C				

◈ Digital Feedback Suppressor

GX-FBK06-N

◈ Features

- ◆ Finished aluminum panel design, small and light, beautiful and generous
- ◆ Adopt 8-core DSP design, built-in dual-channel 24-segment high-precision digital wave limiter, can accurately find the howling frequency point and eliminate it, support superimposed automatic phase shifting and frequency shifting function, and have super howling suppression ability
- ◆ One key to start the anti-howling processing mode, the system debugging is simple and easy to use
- ◆ The control panel has a 2-inch LCD screen, which supports the display of signal strength, channel notch number, volume value, working mode and other information
- ◆ With 2 balanced/unbalanced inputs and 2 balanced/unbalanced outputs
- ◆ Input signal supports gain adjustment
- ◆ With 1 USB interface, support firmware upgrade and connect to computer software to realize advanced setting function
- ◆ The front control panel has mode switching, operation, system setting buttons and a jog shuttle knob, and supports volume and menu setting functions
- ◆ Equipped with dual 24-segment parametric equalization and high-low pass frequency division, it supports the correction of different environmental acoustic defects
- ◆ Support the setting of the number of static filters, the maximum can be set to 16
- ◆ It has a microphone amplifier circuit, provides 48V phantom power, and is compatible with dynamic/condenser microphones
- ◆ The output signal has high/low level selectable, which is suitable for promoting more post-stage equipment or connecting to the mixer
- ◆ With the function of saving and recalling 10 scenes, it can save and recall the parameters of 12-segment equalization and howling resistance filter of 10 scenes, and it will be automatically recalled next time it is turned on
- ◆ With visual management software, it supports AB channel switching, equalizer, level, frequency divider/compressor, notch filter, noise gate, input signal gain setting, file import and export functions, and supports Chinese and English switching functions
- ◆ High-efficiency air duct design is adopted, which has good heat dissipation performance and effectively guarantees the stable operation of the equipment for a long time
- ◆ Suitable for hand-in-hand conference system, conference wired microphone and wireless microphone access

◈ Technical Specifications

Input channels	3-way 6.35 unbalanced microphone input, 1-way 6.35 unbalanced line input, 1-way XLR balanced line input
Input impedance	>20KΩ (balanced), >20KΩ (unbalanced)
Output channels	2 balanced outputs, 2 unbalanced outputs
Output impedance	200Ω (balanced), 150Ω (unbalanced)
Frequency response	125Hz~15KHz
Distortion	<0.1% @ 1KHz
SNR	>90dB
Power supply	220V±10% 50Hz
Power consumption	30W
Product size	480×220×44mm
Product weight	3.5kg
Working temperature	-10~55°C

Wall-mounted Touch Panel

GX-PAN18-N
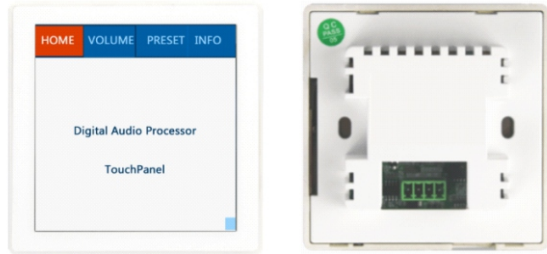
Features

- Use with digital audio processor of GX-DSP1022/1023/1024/1025/1026(A)

- 86 box wall-mounted installation

- Audio source selection, volume control, preset recall and other operations can be handled by the touch screen

- It can realize two-way communication used with digital audio processor; the volume value of each audio channel can be transmitted to the touch screen in real time

- It supports up to 16 wall-mounted touch panels, which can be synchronized with the digital audio processor in real time

- The panel can be used in multiple scenes, and the controls can be customized

- 4-inch 65K color LCD display has Chinese and English version, which is easy to understand

- Smooth operation with capacitive touch screen control

- Communication interface: Rs485

- GONSIN series digital processor products used with the control panel will make the system more cost-effective

Technical Specifications

Screen size	4"
Resolution	480×480
Color	65K colors,16-bit RGB
Display type	TFT LCD
Brightness	250cd/㎡
Backlight tube	LED
Backlight life (average)	>20,000 hours
Contrast	800:1
Perspective	80/80/80/80
Installation	National standard 86 bottom box
Communication Interface	RS485
Touch	Capacitive touch screen
Number of touches	Unlimited
Power consumption	Sleep: 0.4W; the darkest without speaker: 1.5W; the brightest without speaker: 2.4W
Voltage input	9-36V
Operating temperature	0~40°C
Storage temperature	-20~+70°C
Product size(W×D×H)	90.7×90.7×27.9mm
Net Weight	90g

◈ Digital Audio Processor
GX-DSP1011

GONSIN digital audio processor using the fourth generation of audio DSP chip, with powerful DSP processing capabilities, as well as a unique core DSP method, ultra-low noise floor, low distortion design, to provide high-quality sound quality for the scene, to meet a variety of large, medium and small-scale professional audio project use. It can be used in theaters, concert halls, remote video conferencing, stadiums, churches, conference centers and other occasions.

◈ Features

- ◆ The fourth generation of high-performance SHARC ADSP-21488 400Mhz floating-point DSP, with powerful DSP processing capability

- ◆ The front panel has buttons for saving, recalling, and adjusting the encoder, which can be adjusted and saved without connecting to a computer, which is more convenient to use; the front panel is equipped with an LCD display and status indicators, which can intuitively display the system status

- ◆ It has 1 RJ45 network interface and 1 RS232 interface; supports RS-232, TCP/IP protocol, supports access to central control system, visual media interactive system, intelligent conference management platform, and realizes status monitoring, volume control, mode calling, and mute Settings and other functions

- ◆ With 4-channel XLR balanced audio input interface

- ◆ All input channels have functions such as gain control, noise gate, automatic feedback suppressor, high and low pass filter, 16-segment parametric equalizer, compressor, delayer, input group control, etc.

- ◆ The automatic feedback suppressor can select each channel to be enabled separately, which can increase the gain of the channel by 4~5dB

- ◆ With 8-channel XLR balanced audio output interface

- ◆ All output channels with high and low pass filters, 16-band parametric equalizer, compressor, delay, output group control

- ◆ Adopt AF-AM attenuation factor audio data mixing technology, support matrix intelligent mixing, realize free mixing output of any input channel

- ◆ With 32 groups of scene preset functions, which can be called through RS-232, TCP/IP protocol

- ◆ Built-in signal generator: sine wave signal, pink noise, white noise

- ◆ Supports fast copying of channel parameters, greatly improving operating efficiency

- ◆ Support setting access rights, support locking the function settings of each channel, which can prevent unauthorized personnel from operating the device, and avoid system instability caused by improper settings

- ◆ ADC and DAC have a large dynamic range of 114dB

- ◆ Support PC-side software monitoring, view device-related status information (such as: IP address, device model, boot times, running time, version); support real-time monitoring of CPU temperature; support audio switching functions (such as: input level, noise gate, feedback suppressor, input filter, input limiter, matrix mixer, signal generator, output level, input filter, output limiter, output delay, preset, settings, authority management, etc.)

- ◆ 100V~240V wide voltage input is adopted to avoid equipment inoperability and damage caused by voltage fluctuations, meeting the needs of global regions

Technical Specifications

DSP Frequencies, capacity	400MHz,400MIPS,2200 MFLOP
Sampling frequency/quantification	48 kHz,24Bit ADC,24Bit DAC
Frequency response	20 Hz~20kHz, +/-0.2dB
Dynamic range	ADC:114dB；DAC:114dB
THD	<0. 0035%:1kHz@+4dBu;<0. 005%:20Hz~20kHz@+4dBu
Audio input	4×XLR Balance
Default input and output levels	+0 dBu
Maximum input level	+18dBu
Input impedance	Balance: >5 KΩ, Unbalance: >3KΩ
Output impedance	600Ω
CMRR	>70dB@1kHz
EIN	<-125dBu, 22Hz~22kHz
Background noise	-92dBu (unweighted)
Audio output	8 balanced outputs, XLR interface
Nominal output level	0 dBu Line level
Output impedance	600Ω balance
Signal crosstalk	>-80dB@1kHz(typical)
Preset scene	32 sets scenes, can be adjusted by TCP/IP
Function module	Gain Control, Noise Gate, Automatic Feedback Suppressor, High and Low Pass Filter, Parameter Equalizer (16 segments), Compressor, Delay Timer and Input Marshalling Controller
Signal generator	sine wave signal, pink noise, white noise.
Operating mode	TCP/IP,RS-232
Wall-mounted Touch Panel	support GX-PAN04-N
Operational software	WINDOWS
Power supply	AC100~240V,50/60Hz
Watts	75W
Working condition	0~40°C
Storage temperature	-20~45°C
Product dimensions（W×D×H）	1U, 483×207×44mm
Package size（W×D×H）	520×380×80mm
Net weight	2.85kg
Gross weight	4kg

◆ **Network Audio Adapter**
GX-ATD1044B-D

The network audio adapter box GX-ATD1044B-D is a product developed based on the AES67 high-performance IP network audio standard. It is compatible with Dante protocol interconnection, supports 4 channels of MIC/LINE input, and 4 channels of balanced output, which can be visually managed through All In One The software configures the routing connection between the local analog channel and the network audio channel, which can meet the requirements of high-quality, low-latency network transmission of audio signals. The product has strong performance and flexible operation.

◆ Features

- Based on AES67 protocol, compatible with Dante protocol
- Using high-performance chips, it has the characteristics of low distortion, large dynamics and pure sound quality
- With 4 MIC/LINE analog inputs, the sensitivity of each input is adjustable, and the analog input has an independent 48V phantom power switch, which supports the connection of phantom power wired microphones
- With 4 channels of analog audio output, the output volume can be adjusted independently
- With 2 Gigabit Ethernet ports, it can transmit communication data and audio data at the same time
- Support ultra-long-distance transmission, 0.5ms ultra-low delay; support up to 96k sampling rate, realize audio lossless transmission
- Support network connection function, no need to rely on switches, automatically assign IP and automatically discover devices
- Support power failure and network automatic recovery signal routing function
- Optional DSP module, built-in DSP digital audio processing software, realize GEQ, High/Low Shelf, Delay, Mixer, AFC and other functions
- Support PoE-AF power supply and DC12V two power supply methods
- It has a power LINK interface to realize hand-in-hand power supply during multi-machine expansion, which is convenient for engineering installation
- New compact design, can be placed alone, or multiple units can be connected in series and installed in a cabinet
- The panel is designed with mounting holes, supports the serial connection of 2 network audio transition boxes, and expands to 16-in and 16-out network audio transition boxes
- The front panel has LED indicators, which can clearly understand the phantom power of each channel, as well as the status of device power and network communication

◆ Equipped with visual management software, intelligently identify online devices, support system visualized signal connection, realize signal routing, device debugging management, monitor device clock, network status and other visual operations, support OTA upgrade, easy and convenient operation

◆ Technical Specifications

Model	GX-ATD1044B-D
Analog audio channel	4 in 4 out, Phoenix audio interface
Network audio channel	4 in 4 out, RJ-45 interface
Network audio delay	0.5 ~ 20ms
Sampling Rate	44.1/48/88.2/96kHz
Sampling depth	24 Bit
Harmonic Distortion/Noise	0.005% @+4dBu, A-weighted, 1KHz, unity gain
Channel isolation	84dB @+4dBu, A-weighted,
Frequency response	20Hz-20kHz ±0.1DB
Maximum input/output level	22dBU @1kHz,THD+N≤1%
Dynamic Range	110dB @ maximum output level, unity gain
Microphone gain	0/15/20/24dB
Common Mode Rejection Ratio	≥50dB @1kHz, +4dBu
Input resistance	Balanced 18kΩ, Unbalanced 9kΩ
Output impedance	Balanced 300Ω, Unbalanced 150Ω
DSP function	GEQ, High/Low Shelf, Delay, Mixer, AFC, etc. (with optional DSP module)
Power supply	12VDC 1.5A adapter power supply, POE power supply, LINK port power supply
Phantom power	48V, 10mA, ripple≤10mV
Size	108×149×45mm
Net weight	0.7kg

Wall-mounted Touch Panel

GX-PAN04-N

◆ Function

- ◆ Use with DSP1011 digital audio processor
- ◆ 146 type universal bottom box installation
- ◆ Sound source selection, volume control and preset recall can be controlled by touch screen
- ◆ Two-way communication with digital audio processor, the volume value of each audio channel can be transmitted to the touch screen in real time
- ◆ Panels can be combined into multiple scenes, and controls can be customized
- ◆ 5-inch 65K color LCD display, with Chinese and English interface, easy to understand
- ◆ Communication interface: Rs485
- ◆ Using this control panel with GONSIN digital processor series products will make the system more cost-effectiveefficient.

◆ Technical Specifications

Screen size	5"
Resolution	800×480
Color	65K colors,16-bit RGB
Display type	TFT LCD
Brightness	2300cd/m
Backlight tube	LED
Backlight life (average)	>20000 hours
Contrast	500:1
Perspective	70°/70°/50°/70°
Installation	National standard 146 bottom box
Communication Interface	RS485
Touch	Capacitive touch screen
Number of touches	Single point more than 1 million times
Power consumption	the darkest without speaker :0.74W; the brightest without speaker:1.5W
Voltage input	5~26V
Operating temperature	0~40℃
Storage temperature	-30~80℃
Product size(W×D×H)	155×92×27mm
Net Weight	120g

Wireless Microphone

GX-U402-G/GX-U404-G

One receiver with 2 hand microphones GX-U402A-G

One receiver with 4 hand microphones GX-U404A-G

One receiver with 2 rectangular columnar short microphones GX-U402D-G

One receiver with 2 rectangular columnar short microphones GX-U404D-G

One key frequency sweep + full digital wireless communication technology
Effective anti-interference, intelligent frequency selection, easy to deal with complex wireless environment

PPT page turning function, convenient for conference use
By touching the buttons of desktop microphone, convenient and fast

High performance communication antenna
Wireless signal barrier-free working distance up to 100 meters

32-bit encrypted word transmission data
Ensure privacy and avoid eavesdropping and malicious interference

True diversity large dynamic receiving circuit
Support 48kHz audio sampling, communication frequency up to 100

The receiver has complete functions
Display rich status, easy to operate, support antenna cascade

Basic Functions

♦ One receiver can be equipped with 2 hand microphones (GX-U402A-G)/rectangular columnar short microphones (GX-U402D-G)

♦ One receiver can be equipped with 4 hand microphones (GX-U404A-G)/rectangular columnar short microphones (GX-U404D-G)

♦ The receiver adopts metal shell design, sturdy structure and anti-harmonic interference effect, can resist contact 4kV strong magnetic interference, air gap 6kV electromagnetic interference.

♦ Receiver with segment code LCD screen, real-time display of system information, with independent channel operation buttons, with shuttle control knob, easy to operate.

♦ The receiver built-in DSP digital audio processing software, can realize the channel automatic gain, automatic feedback suppression, automatic equalization adjustment, automatic mixing and other functions.

♦ The receiver provides independent audio channel output interface and mixing output interface, mixing output interface with balanced output and unbalanced output, can be adapted to a variety of post-level equipment

♦ The receiver provides RS485 communication interface to support access to the central control system, visual media interactive system, intelligent conference management platform; support remote access to system information, system status (frequency, volume, power, signal, etc.); support remote modification of the frequency, modification of volume

♦ The receiver provides USB interface, connect to PC computer, can realize PPT page flip function (this function needs transmitter support)

♦ The receiver has 2-channel antenna interface, connecting high-performance rod antenna. Antenna interface with antenna power supply and signal amplification compensation function, can be active antenna power supply (active antenna needs to be purchased separately). Provide antenna extension base, can be used for cabinet installation when the antenna leads out to avoid cabinet metal shielding.

♦ The receiver has 2-way antenna cascade interface, supporting antenna cascade. No need to configure antenna distributor, realize multiple receivers cascade, use a common antenna system. Unlimited number of cascade

♦ Adopt wireless transmission technology, support 48kHz audio sampling frequency, realize lossless audio transmission, wireless signal straight-line barrier-free working distance up to 100 meters.

♦ Adopting internal CRC checksum, 32-bit encrypted word transmission for audio and data to ensure the privacy of communication and avoid eavesdropping and malicious interference.

♦ The receiver adopts true diversity type large dynamic receiving circuit, which greatly improves the effective signal receiving range and stability, and supports up to 100 communication frequency points to choose from.

♦ The receiver has built-in wireless frequency sweep software, supporting one-key automatic frequency sweep. The system automatically detects the current wireless environment and selects clean frequency points to improve communication stability.

♦ The receiver supports one-key lock/unlock function, which can prevent personnel from misoperation leading to setting changes.

♦ The receiver and transmitter use infrared emission to realize automatic frequency matching, microphone automatically matches with the conference system, supporting a variety of forms of wireless microphone use.

♦ Adopting safe and intelligent adapter power supply, conforming to safety certification, suitable for use in various regions (adapter connector depends on the region).

♦ The transmitter has built-in wireless microphone embedded software, with wireless speech, infrared frequency pairing, work status display and other functions.

♦ The transmitter has a power-down detection and protection circuit, which can obtain real-time power information of the transmitter and realize the low battery reminder and low power consumption protection function.

Rectangular Columnar Short Wireless Microphone

♦ The fixed rectangular columnar short microphone design for stable and reliable connection, with adjustable angle. The microphone is made of metal, with internal cavity pickup design and built-in windproof cotton for clearer sound pickup. Base with LCD display, side with PPT page turn button, built-in lithium battery.

Handheld Wireless Microphone

♦ Compact handheld microphone design with metal hexagonal mesh cover, effectively prevent the microphone from rolling and falling. The end of the anti-grip design, effectively preventing the wireless signal shielding caused by the wrong hand position. Microphone with LCD display, real-time display of frequency information, power information, etc.

◆ Technical Specifications

♦ Rectangular Columnar Short Wireless Microphone

Transmission Technology	Full digital audio, pi/4 DQPSK digital modulation mediation
Encryption	32-bit encryption
Operating Frequency	ISM international permitted frequency band, 640MHz~690MHz, 863MHz~869MHz, 902MHz~928MHz optional
Audio Frequency Response	20Hz~20kHz
Total number of channels	2000CH
Effective distance	100 meters (straight line accessibility)
Frequency interval	250kHz
Frequency width	50MHz
RF Stability	±0.005% (-10~50℃)
Signal-to-noise ratio	>105dB
Maximum Frequency Bias	±45kHz
Integrated T.H.D	<0.5%@1kHz
Power Interface	DC24V
Communication Interface	1 set of Phoenix terminal RS485 interface
Antenna Interface	2 BNC inputs with power outputs for connection of receiving antennas; 2 BNC output connectors for antenna cascading
Audio Interface	One receiver with 2 wireless microphones: 2CH XLR independent output, XLR + TRS6.35 mixed output; One receiver with 4 wireless microphones: 4CH XLR independent output, XLR + TRS6.35 mixed output
Other Interfaces	1-way USB interface for connecting to PC for PPT page-turning function
Microphone Type	Handheld, Column Short Microphone
Microphone Power	Battery
Mounting	Desktop or 19' cabinet mounting
Dimensions (W×D×H)	420×185×45mm
Weight	2.5kg
Operating Temperature	0~45℃
Storage Temperature	-20~50℃

♦ Rectangular Columnar Short Wireless Microphone

Microphone Type	Cardioid Directional Electret
Directional	0°/135°: >20dB (1kHz) 0°/180°: >15dB (1kHz)
Pickup Distance	≥80cm
Microphone Stem Size (L×W×H)	220×33×27mm
Power Supply	Lithium Battery
Endurance	12 hours

♦ Handheld Wireless Microphone

Microphone Type	Dynamic
Power Supply Type	2 AA batteries
Endurance	12 hours

◆ Wireless Microphone

GX-U302A-X\GX-U302B-X\GX-U302C-X\GX-U302D-X

GX-U302A-X

GX-U302B-X

GX-U302C-X

GX-U302D-X

◆ Features

- One receiver can be equipped with 2 hand microphones(GX-U302A-X)/clip microphone (GX-U302B-X)/ head-mounted microphone(GX-U302C-X)/desktop microphone(GX-U302D-X)
- Receiving metal shell design, strong structure and strong isolation of harmonic interference
- RF high dynamic range design, high-performance devices, greatly improve the anti-interference characteristics of the system, eliminate the reception of broken sound
- Adopt antenna diversity large dynamic receiving circuit, digital pilot, RF intensity identification, noise triple mute circuit control, to make receive no dead angle
- Up to 2000 selective frequencies and a set of 16 frequencies for self-setting and storage preferences
- The most advanced ,automatic and fast setting and undisturbed working channels
- Modular and automatic sweep-frequency reception for signal transmission
- Up to 16 microphones to be used at the same time
- Single or mix output in each channel, independent electronic volume adjustment in each channel
- With mic/Line conversion for more post-equipment devices
- LED lamp post and LED display to clearly display the various operating functions and setting parameters of the receiver.
- Use the jog dial to facilitate user operation of various functions and parameter settings
- With AC power supply and antenna cascade design, easy to connect
- Provide power supply function of antenna amplifier, which can supply power for GONSIN X series active antenna, increase receiving distance and stabilize receiving effect
- 100~240V wide power supply design, suitable for more regions

◈ **Wireless Microphone**

GX-U304A-X\GX-U304B-X\GX-U304C-X\GX-U304D-X

GX-U304A-X

GX-U304B-X

GX-U304C-X

GX-U304D-X

◈ Features

- ◆ One receiver can be equipped with 4 hand microphones(GX-U304A-X)/clip microphone (GX-U304B-X)/ head-mounted microphone(GX-U304C-X)/desktop microphone(GX-U304D-X)
- ◆ Receiving metal shell design, strong structure and strong isolation of harmonic interference
- ◆ RF high dynamic range design, high-performance devices, greatly improve the anti-interference characteristics of the system, eliminate the reception of broken sound
- ◆ Adopt antenna diversity large dynamic receiving circuit, digital pilot, RF intensity identification, noise triple mute circuit control, to make receive no dead angle
- ◆ Up to 2000 selective frequencies and a set of 16 frequencies for self-setting and storage preferences
- ◆ The most advanced ,automatic and fast setting and undisturbed working channels
- ◆ Modular and automatic sweep-frequency reception for signal transmission
- ◆ Up to 16 microphones to be used at the same time
- ◆ Single or mix output in each channel, independent electronic volume adjustment in each channel
- ◆ With mic/Line conversion for more post-equipment devices
- ◆ LED lamp post and LED display to clearly display the various operating functions and setting parameters of the receiver.
- ◆ Use the jog dial to facilitate user operation of various functions and parameter settings
- ◆ With AC power supply and antenna cascade design, easy to connect
- ◆ Provide power supply function of antenna amplifier, which can supply power for GONSIN X series active antenna, increase receiving distance and stabilize receiving effect
- ◆ 100~240V wide power supply design, suitable for more regions

◆ Technical Specifications

Model	GX-U302A-X GX-U304A-X	GX-U302B-X GX-U304B-X	GX-U302C-X GX-U304C-X	GX-U302D-X GX-U304D-X
System parameters				
Frequency range	640MHz-690MHz; 530MHz-580MHz(optional)			
Channels	2000CH			
Frequency response	50-18kHz(±3dB)			
Effective use distance	80m(Unobstructed)			
Frequency interval	250kHz			
Frequency width	50MHz			
Frequency oscillation mode	PLL			
Receiver parameters				
RF stability	±0.005%(-10°C~50°C)			
SNR	>105dB(1kHz-A)			
Max Frequency Deviation	±45kHz			
T.H.D	<0.5%@1kHz			
Maximum output voltage	10dBV			
Sensitivity	about 9uv(Noise<52dBr)			
Reception	" CPU control selection and Pilot identification reception"			
Mute	CPU Noise MUTE			
Display	LCD			
Output impedance	2.2KΩ			
Output connector	4CH XLR single output, XLR+TRS6.35 mix output			
Volume output	2 gear LINE, MIC			
Power supply	AC100~240V 50/60Hz			
Power	8W			
Product Dimensions	482×265×44mm			
Net weight	2.6kg			
Transmitter parameters				
Appearance	Hand microphone	Clip microphone	Head-mounted microphone	Desktop microphone
Frequency oscillation mode	PLL			
Transmit mode	CPU Control Carrier Generation and Pilot generation			
Carrier frequency band	640MHz-690MHz 530MHz-580MHz optional			
Transmit power	3mW/30mW (optional)			
Switch channels	2000			
Frequency stability	±5ppm(-5°C~50°C)			
Normal/peak frequency offset	±24kHz/±48kHz			
Display	LCD			
Battery life	Maximum 11 hours(2 AA alkaline batteries)			
Microphone Capsule	Moving coil	Capacitive	Capacitive	Capacitive
Material	Aluminum alloy tube + metal mesh cover	ABS+PC	ABS+PC	ABS+PC
Dimensions	265×48mm (L×DIA)	105×66×22mm (H×W×D)	105×66×22mm (H×W×D)	172×136×50mm (L×W×H)No mic rod
Mic rod length	-	-	-	450mm
Weight(without battery)	409g	162g	162g	730g

Signal Splitter GX-ANT201-X

Features

- Ultra-high dynamic low noise components and ultra-wideband microstrip line design, with ultra-low internal distortion and loss, eliminating the mixing interference when multi-channel receiving system is used at the same time;

- The antenna input connector has a power supply for the antenna amplifier, and can directly connect the extended antenna with the antenna amplifier and the antenna with the built-in amplifier

- Carrier range is 500MHz~850MHz

- It can provide four broadband multi-channel receivers to share a pair of antennas, and can also cascade a second distributor or broadband multi-channel receiver to simplify antenna assembly engineering.

- The splitter provides 4 channels DC12V power outputs to power 4 wireless receivers, simplifying cabinet installation

Technical Specifications

Antenna Divider	4-channel dual channel output
Frequency Range	500MHz~850MHz
Input Truncation Point	+15dBm
Output/Input gain	+1.0dB±1dB
Output Isolation	>18dB(500MHz~850MHz)
Output/Input Impedance	50Ω
Antenna Output Connector	TNC connector
Antenna Input Connector Power	DC8V,250mA(max)(Antenna A, B input end)
Power Input	12V~15V/5ADC
Power Output	12V/1.2ADC(each channel)
Current Consumption(Single)	Approx.145mA
Dimensions(W×D×H)	480×180×45mm
Net Weight	1.8kg

Antenna Combiner GX-ANT202-X

The passive one-to-two Antenna Divider | Combiner can either divide single channel signal into dual channels signal outputs or combine dual channels signals into single channel signal output. Simultaneously, it transmits power to the back-end amplifier, which is one of the essential accessories for erecting the antenna system.

Technical Specifications

Type	Omni-directional external extension antenna
Frequency Range	500MHz~850MHz
Attenuation	4dB(typ.)
Isolation	20dB(typ.)
System Impedance	50Ω
Max. Volt / Current	DC 50V/1.5A
Connectors	TNC female×3
Dimensions (W×D×H)	92×74×21mm
Net Weight	200g

Antenna Amplifier GX-ANT203-X

Features

- Built-in adjustable gain amplifier, users can adjust the gain according to actual usage environment
- Amplifier using zinc alloy shell has excellent heat dissipation characteristics, which makes more stable
- Fixed stand can be installed independently with whip antenna, which is convenient for engineering use
- Applicable bandwidth covers 500Hz~850MHz
- Output -9~18dB(±1dB) continuously variable gain signal.

Technical Specifications

Frequency Range	500MHz~850MHz
Stepping Gain Total Gain	0~+18dB(±2dB), stepping quantity: ±1dB
Stepping Attenuation Total Attenuation	0~-9dB (±2dB),stepping quantity: ±1dB
Connectors	TNC female×2
Current Consumption	Approx.60mA/DC8V
Power Supply	TNC female provides bias power 6~10VDC
System Impedance	50Ω
Connecting Line	2m

Power Supply Sequencer
GX-PS108-C

◆ Functions

◆ New 19-inch compact design, 1U standard chassis, aluminum alloy panel

◆ With the function of operation and learning, you can connect the device arbitrarily, and freely set the control mode of the device, such as the switch sequence of the device, the delay time, etc.

◆ With 8 output channels, each channel adopts 16A relay, the maximum current of each channel is 13A, and the maximum current of the whole machine is 36A; the circuit adopts overvoltage protection, which is safe and reliable

◆ Channel switch delay time supports 1~3600 seconds adjustable

◆ Built-in power management embedded software, which can realize parameter setting, timing programming, real-time control of device switching, delay, real-time monitoring of channel voltage and current functions

◆ Built-in clock chip, with timing shutdown function, channel timing switch can be set according to date and time

◆ With 8 independent key switches and output status indicators, easy to use and clear instructions

◆ With keyboard password lock function, the keyboard will be automatically locked after 60 seconds of no operation on the panel keys to prevent misuse and facilitate daily equipment management

◆ With 1×RS232, 1×RS485, 1×external I/O level interface, 1×external contact point interface, 1×status output port, support RS485, RS232, external I/O level, external contact point and other control methods; Support access to the central control system, visual media interaction system, and intelligent conference management platform to realize channel status monitoring and channel function control

◆ With status output port, support level cascade output

◆ Support setting normally open channel, not controlled by program switch, can provide normally open power supply for the scene

◆ Support optional purification filter, in line with European CISPR, American FCC standards, can greatly eliminate the "electromagnetic pollution" of fluorescent lamps, dimmers, wireless transmitters and other equipment on the power supply, so as to ensure stable system operation and improve performance

❯ Technical Specifications

Power supply	AC110/220V±10%, 50/60Hz
Total Capacity	Maximum current 40A
Output	Channel 1~8, Maximum current 13A, National standard socket
Panel Controls	8-channel independent control keys (1~8), setup key (SET), keyboard lock (KEYLOCK), switch (ON/OFF)
Control Interface	RS232, RS485 serial port, external I/O level interface, external contact interface, status output port
External I/O Level	DC5~24V
Function	Behavioral learning mode programming, single key control, RS485 serial port control
Software Functions	Parameter setting, timing programming, real-time control, real-time monitoring
Power	Single maximum power 2860W, total power 8800W
Purge Filter	Rated current 20A; in line with European CISPR, U.S. FCC standards
Dimensions (W×D×H)	482×180×44mm
Weight	4kg

◆ Passive Directional Antenna

GX-ANT104-X

❯ Features

- ◆ Logarithmic antenna for professional UHF band reception
- ◆ Applicable bandwidth covers 500MHz~850MHz
- ◆ With a good effect for use in specific directionsrequire specific orientation

❯ Technical Specifications

Types	External extension antenna
Frequency band	500MHz~850MHz
Antenna impedance	50Ω
Standing wave ratio	≤2.5:1
Receive mode (3dB beam width)	65° (vertical angle); 120° (horizontal plane)
Connector	TNC female seat × 1
Connecting line	1 meter
Dimensions (W×D×H)	302×252×23mm
Weight	Approx. 400g

Active Directional Antenna GX-ANT101-X

Features

- Uprofessional UHF band receiving logarithmic antenna
- Applicable bandwidth covers 500MHz~850MHz
- Output -9~18dB(±1dB) continuously variable gain signal
- Built-in adjustable gain amplifier, users can adjust the gain according to actual usage environment
- Amplifier using zinc alloy shell has excellent heat dissipation characteristics, which makes more stable.
- With a LCD display, it can display the amplifier gain status and 2 gain adjustment keys, which support quick setting of the amplifier gain

Technical Specifications

Type	External extended antenna	Receiving Mode (3dB Beam width)	65° (Vertical), 120°(Horizontal)
Frequency Range	500MHz~850MHz		
Stepping Gain Total Gain	0~+18dB (±2dB), stepping quantity: ±1dB	Connectors	TNC female×1, support conversion to BNC interface
Stepping Attenuation Total Attenuation	0~-9dB (±2dB), stepping quantity: ±1dB	Current Consumption	Approx. 60mA/DC8V
		Power Supply	TNC female provides bias power 6~10VDC
Antenna Impedance	50Ω		
Antenna Gain	3~5dB	Dimensions(W×D×H)	302×252×23mm
Standing Wave Ratio	≤2.5: 1	Net Weight	Approx. 430g
		Connecting Line	4m

Active Omni-directional Antenna
GX-ANT102-X

Features

- Built-in adjustable gain amplifier, users can adjust the gain according to actual usage environment
- Amplifier using zinc alloy shell has excellent heat dissipation characteristics, which makes more stable
- Fixed stand can be installed independently with whip antenna, which is convenient for engineering use
- Applicable bandwidth covers 500Hz~850MHz
- Output -9~18dB(±1dB) continuously variable gain signal.

Technical Specifications

|	
Frequency Range	500MHz~850MHz
Stepping Gain Total Gain	0~+18dB(±2dB), stepping quantity: ±1dB
Stepping Attenuation Total Attenuation	0~-9dB (±2dB),stepping quantity: ±1dB
Connectors	TNC female×2
Current Consumption	Approx.60mA/DC8V
Power Supply	TNC female provides bias power 6~10VDC
System Impedance	50Ω
Connecting Line	2m

Microphone Stand GX-B201

Features

Applicable products:
◆ Wired Handheld Microphone GX-MIC203-N
◆ Wireless Microphone (Handheld) GX-U302A-X, GX-U304A-X, GX-U402A-X, GX-U404A-X

Technical Specifications

Installation	Desktop
Height	290-410mm
Max Load Capacity	0.5Kg
Color	Black
Weight	0.8Kg
Package Size	415×305×285mm（24Pcs）
Gross weight	21Kg（24Pcs）

Microphone Floor Stand GX-B404

Features

Applicable products:
◆ Wired Handheld Microphone GX-MIC203-N
◆ Wireless Microphone (Handheld) GX-U302A-X, GX-U304A-X, GX-U402A-X, GX-U404A-X

Technical Specifications

Installation	Floor-standing
Height	1180-1920mm
Max Load Capacity	0.5Kg
Color	Black
Weight	4Kg
Package Size	1115×210×290mm　6Pcs
Gross weight	26kg（6Pcs）
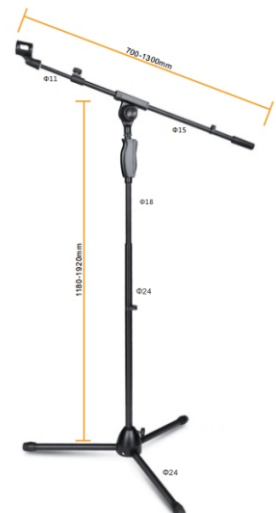
Speaker Stand GX-B210

Features

Applicable products:

◆ Full Range Speaker GX-SP1008FA、GX-SP1010FA、GX-SP1012FA、GX-SP1012CF

Technical Specifications

Installation	Wall-mounting
Adjustable angle	vertical 35 degrees
Height	250-350mm
Max Load Capacity	30Kg
Color	Black
Weight	2.8Kg
Package Size	490×335×380mm（6Pairs）
Gross weight	19Kg（6Pairs）

Speaker Stand GX-B210C

Features

Applicable products:

◆ Full Range Speaker GX-SP1008FA、GX-SP1010FA、GX-SP1012FA、GX-SP1012CF

Technical Specifications

Installation	Wall-mounting
Adjustable angle	vertical 35 degrees, horizontal 160 degrees
Height	280-400mm
Max Load Capacity	60Kg
Color	Black
Weight	5.1Kg
Package Size	505×357×310mm　6Pairs
Gross weight	31.2Kg　6Pairs

◆ Speaker Stand GX-B310

❖ Features

Applicable products:

◆ Support installation of multifunction speakers GX-SP1008FA, GX-SP1010FA, GX-SP1012FA, GX-SP1015FA, GX-SP1012CF

❖ Technical Specifications

Installation	Floor-standing
Height	1000-1860mm
Max Load Capacity	45Kg
Color	Black
Weight	3.5Kg
Package Size	1010×280×405mm（6Pcs）
Gross weight	22kg（6Pcs）

◆ Speaker Stand GX-B311

❖ Features

Applicable products:

◆ Subwoofer GX-SP1015SE，Support installation of column speakers GX-SP1083EA

◆ Subwoofer GX-SP1018SE，Support installation of multifunction speakers GX-SP1008FA, GX-SP1010FA, GX-SP1012FA, GX-SP1015FA, GX-SP1012CF

❖ Technical Specifications

| Mounting	lower support subwoofer, upper support column speaker /multifunction speaker
Suitable for speaker stand bottom hole	35mm
Materia	iron and plastic
Size	800~11350mm
Weight	1.2Kg
Maximum load capacity	35 Kg
Colour	Black
Package size	85×85×820mm

Speaker Hanger GX-B206B
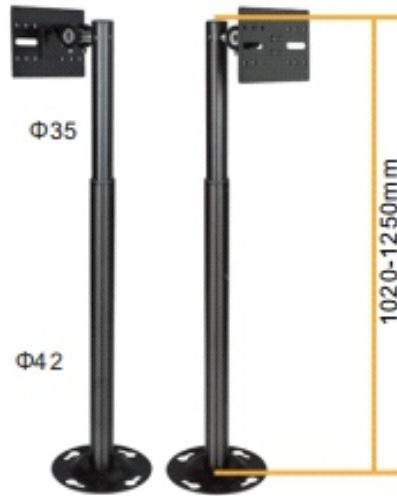
Features

Applicable products:

◆ Full Range Speaker GX-SP1008FA、GX-SP1010FA、GX-SP1012FA、GX-SP1012CF

◆ Conference Speaker GX-SP1025DA,GX-SP1006DA

Technical Specifications

Installation	Wall-mounting
Height	200-280mm
Max Load Capacity	25Kg
Color	Black
Weight	2Kg
Package Size	560×470×465mm (12Pairs)
Gross weight	25Kg(12Pairs)
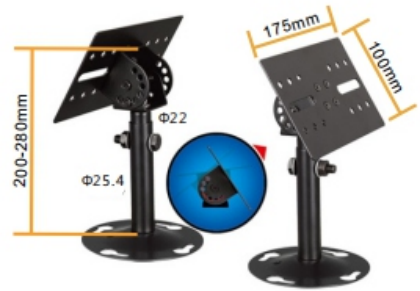
Speaker Hanger GX-B206

Features

Applicable products:

◆ Full Range Speaker GX-SP1008FA、GX-SP1010FA、GX-SP1012FA、GX-SP1012CF

◆ Conference Speaker GX-SP1025DA,GX-SP1006DA

Technical Specifications

Installation	Wall-mounting/Hanging
Height	430-580mm
Max Load Capacity	25Kg of wall-mounting / 30Kg of hanging
Color	Black
Weight	3.6Kg
Package Size	780×278×465mm (4Pair)
Gross weight	15.4Kg(4Pairs)

◆ **Speaker Hanger** GX-B206C

◆ **Features**

Applicable products:

◆ Full Range Speaker GX-SP1008FA、GX-SP1010FA、GX-SP1012FA、GX-SP1012CF

◆ Conference Speaker GX-SP1025DA,GX-SP1006DA

◆ **Technical Specifications**

Installation	Wall-mounting/Hanging
Height	1020-1250mm
Max Load Capacity	45Kg of wall-mounting / 50Kg of hanging
Color	Black
Weight	4.8Kg
Package Size	735×285×595mm (3Pairs)
Gross weight	15.4Kg(3Pairs)

Line Array Frame
GX-B206LA

◆ Technical Specifications

Support model of speaker	Full-range speaker GX-SP2006LA, subwoofer GX-SP2015SA
Installation method	Hoisting
Material	Iron
Product Size	524×600×60mm

Line Array Frame
GX-B208LA
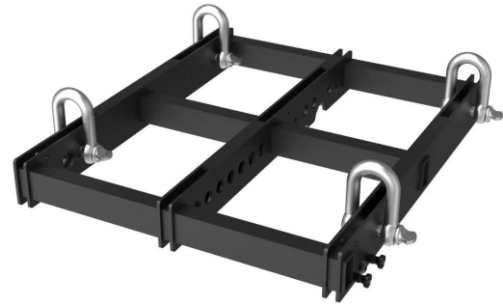
◆ Technical Specifications

Support model of speaker	Full-range speaker GX-SP2008LA, subwoofer GX-SP2018SA
Installation method	Hoisting
Material	Iron
Product Size	557×658×80mm

Line Array Frame
GX-B210LA

◆ Technical Specifications

Support model of speaker	Full-range speaker GX-SP2010LB, subwoofer GX-SP2018SB
Installation method	Hoisting
Material	Iron
Product Size	675×700×60mm

◆ Line Array Speaker Frame

GX-B218LW

◆ Technical Specifications

| Support separate hoisting subwoofer GX-SP2018SC	
Product size (W×D×H)	875×691×80mm
Packaging size (W×D×H)	900×700×100mm
Weight	25kg (without wheels), 35kg (with wheels)
Gross weight	36kg

◆ Line Array Speaker Frame

GX-B210LW

◆ Technical Specifications

Support separate hoisting subwoofer GX-SP2018SD or full-range speaker or full-range speaker GX-SP2010LW	
Product size (W×D×H)	808×824×80mm
Packaging size (W×D×H)	825×850×100mm
Weight	30kg
Gross weight	33kg
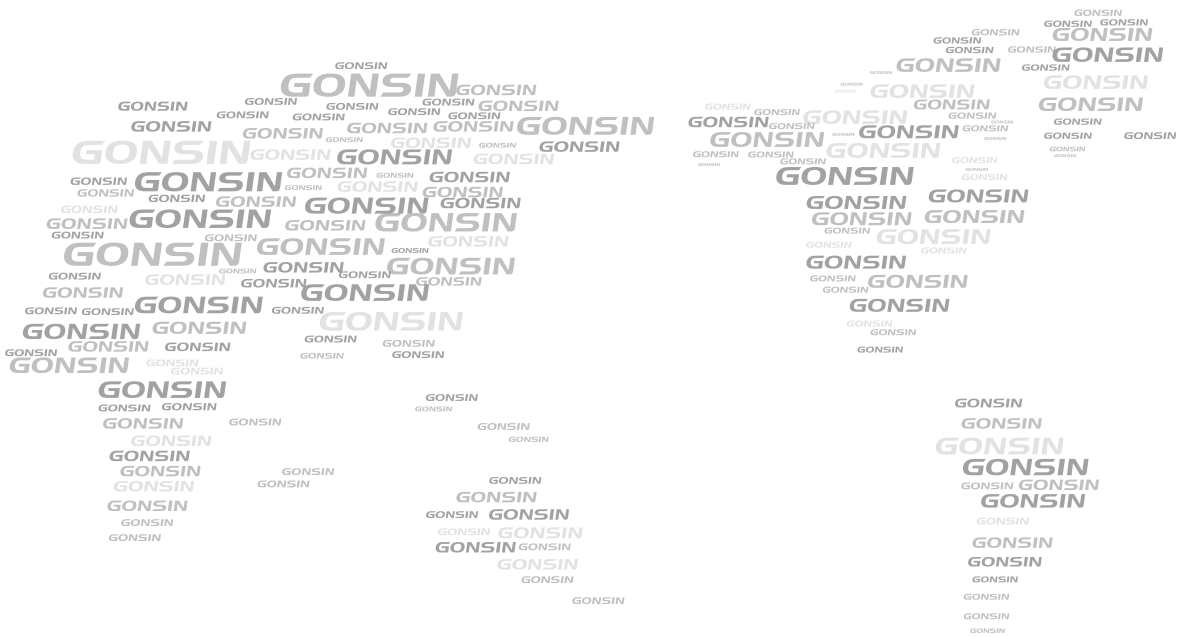
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