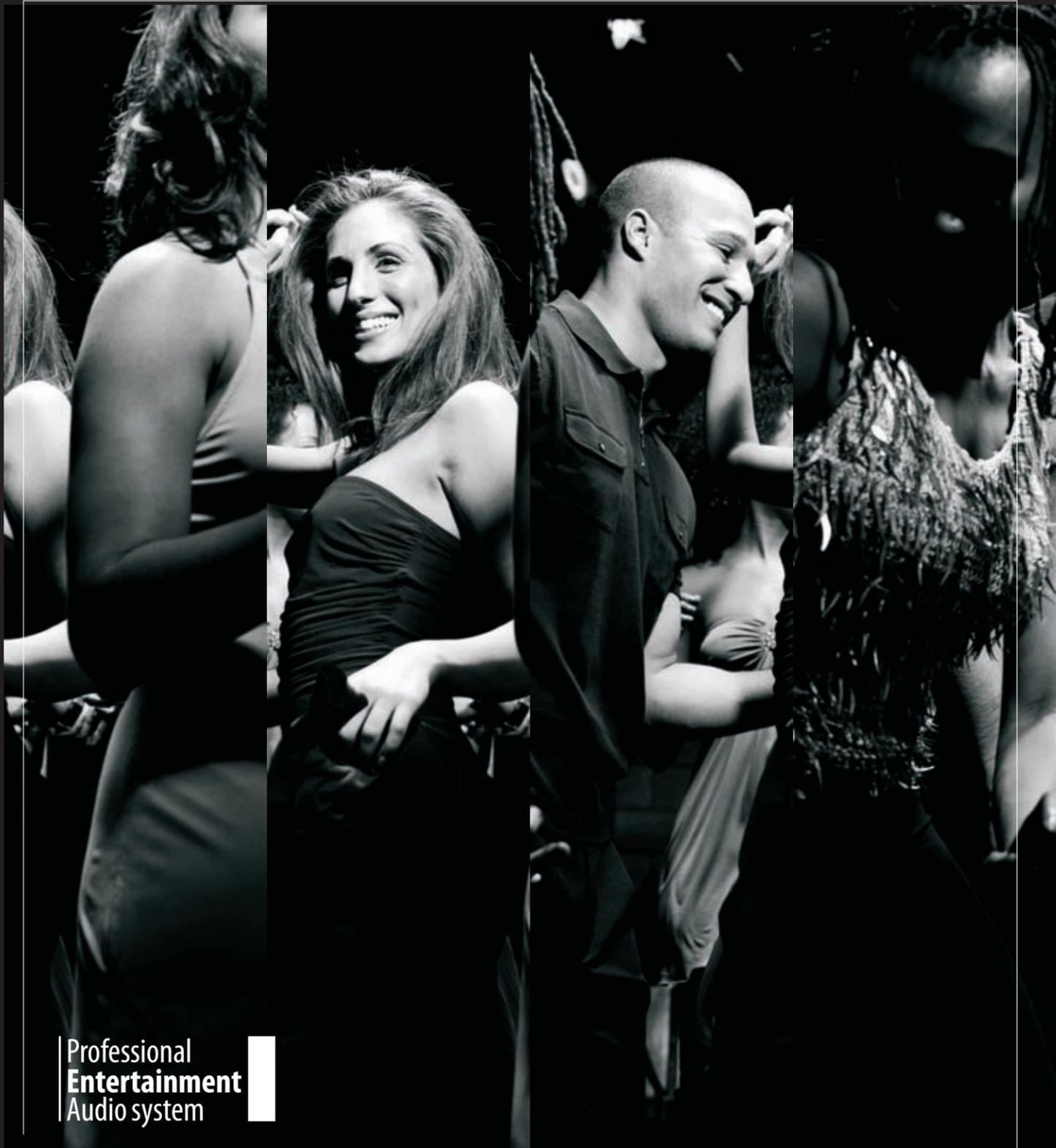


 **3G Audio**®

KTV
Professional 2012
Entertainment
Audio system





Professional
Entertainment
Audio system

KTV

3G Audio®

3G Audio professional entertainment audio system focuses on entertainment performance, karaoke room, and medium to sized small venue performance. various solutions can meet different entertainment requirements.

3G Audio professional entertainment audio system contains the understanding from Germany and Taiwan experienced engineers, who have over 10 years experience in entertainment audio system. Each product from the circuit design, component selection, to function definition which all include the hard work of senior engineers.

We believe each 3G Audio product will bring you perfect function performance and listening enjoyment.





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Professional
Entertainment
 Audio system

So sweet to meet you

HONEY SERIES High Level Karaoke Speaker



HONEY 10

High Level Karaoke Speaker

Features

- >>Three-way five transducers KTV Speaker
- >>One 10" high magnetic energy and high efficiency LF driver
- >>Dual 4" nano paper cone HF drivers
- >>Dual 1" silk diaphragm HF drivers
- >>Sound plump, mellow and exquisite
- >>Mainly for grand KTV
- >>White and Coffe color available

Specifications

Transducers	1x10" LF + 2x4" HF + 2x1" HF
Frequency Response (-3dB)	45Hz-20 kHz
Sensitivity (1W@1m)	91dB
Power	120W (RMS) 480W (PEAK)
Rated Impedance	8 Ohms
Connector	Wire Clip
Dimensions (W x H x D)	510 x 302 x 302mm
Packaging Dimensions (W x H x D)	700 x 570 x 362mm
New Weight	11kg
Gross Weight (1 pair)	24kg



HONEY 12

High Level Karaoke Speaker

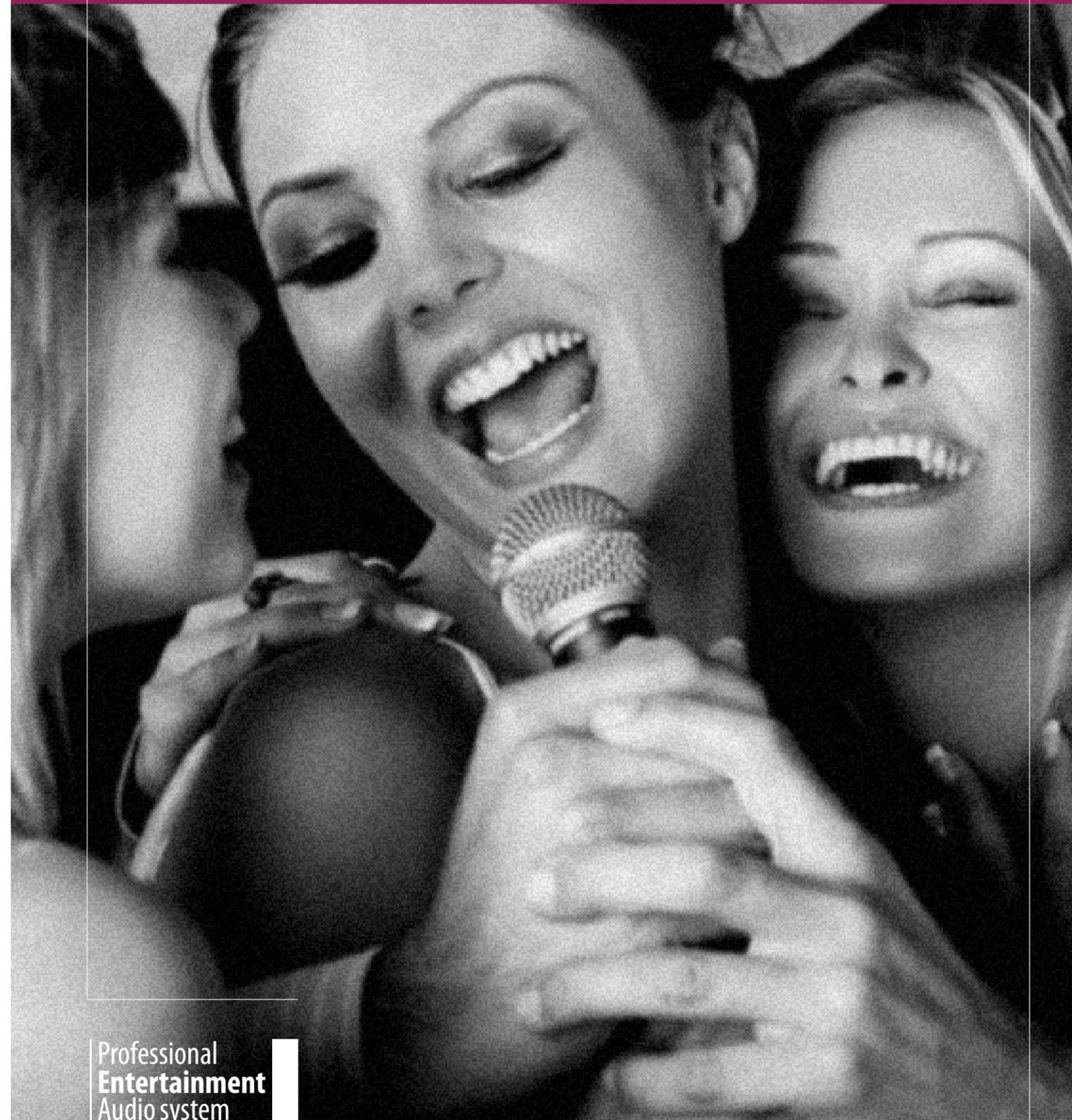
Features

- >> Three-way five transducers KTV Speaker
- >> One 12" high magnetic energy and high efficiency LF driver
- >> Dual 4" nano paper cone HF drivers
- >> Dual 1" silk diaphragm HF drivers
- >> Sound plump, mellow and exquisite
- >> Mainly for grand KTV
- >> White and Copper color available

Specifications

Transducers	1x12" LF + 2x4" HF + 2x1" HF
Frequency Response (-3dB)	35Hz-20 kHz
Sensitivity (1W@1m)	93dB
Power	200W (RMS) 800W (PEAK)
Rated Impedance	8 Ohms
Connector	Wire Clip
Dimensions (W x H x D)	600 x 356 x 360mm
Packaging Dimensions (W x H x D)	845 x 445 x 700mm
New Weight	17kg
Gross Weight (1 pair)	38kg

VS SERIES Professional Karaoke Speaker



Professional
Entertainment
Audio system



VS80

Professional Karaoke Speaker

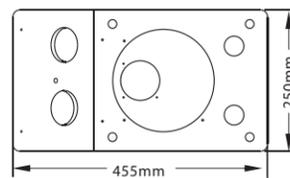
Features

- >> Specially designed HF Drivers to boarden sound field and enhance the ambience.
- >> Concentrating on the reflection of the human voice`s penetrability.
- >> Reflecting music atmosphere with suitable sound pressure and power.

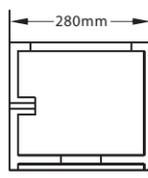
Specifications

Transducers	LF:8" x 1 , HF:3" x 2
Frequency response (-3dB)	45Hz-18kHz
Sensitivity (1W@1m)	89dB
Rated Power (RMS)	120 W
Peak Power	480 W
Rated Impedance	8
Input	Push terminal
Dimension (W x H x D)	455 x 250 x 280mm
Packaging Dimensions(W x H x D)	648 x 295 x 507mm
Net weight(1 Pcs)	8.5kg
Gross weight(1 Pair)	18kg

Dimension

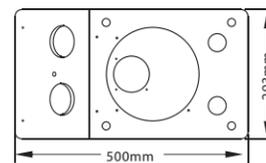


Front view

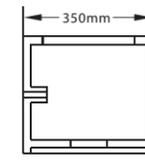


Side view

Dimension



Front view



Side view

VS90

Professional Karaoke Speaker

Features

- >> Specially designed HF Drivers to boarden sound field and enhance the ambience.
- >> Concentrating on the reflection of the human voice`s penetrability.
- >> Reflecting music atmosphere with suitable sound pressure and power.

Specifications

Transducers	LF:10" x 1 , HF:3" x 2
Frequency response (-3dB)	45Hz-17kHz
Sensitivity (1W@1m)	92dB
Rated Power (RMS)	150 W
Peak Power	600 W
Rated Impedance	8
Input	Push terminal
Dimension (W x H x D)	500 x 293 x 350mm
Packaging Dimensions(W x H x D)	820 x 372 x 580mm
Net weight(1 Pcs)	10.5kg
Gross weight(1 Pair)	23kg



G SERIES

Professional Karaoke Speaker



G-808

Professional Karaoke Speaker

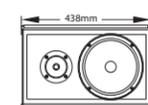
Features

- >> Diffusive HF driver designed for better HF sound reflection.
- >> Rear phase port design to enhance LF energy.
- >> Bold and strong sound.

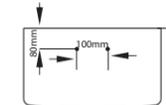
Specifications

Transducers	LF:8" x 1, MF:4" x 1, HF:3" x 1
Frequency response (-3dB)	55Hz-18kHz
Sensitivity (1W@1m)	90dB
Rated Power (RMS)	120 W
Peak Power	480 W
Rated Impedance	8
Input	Push terminal
Dimension (W x H x D)	438 x 262 x 275mm
Packaging Dimensions(W x H x D)	660 x 520 x 355mm
Net weight(1 Pcs)	9.0kg
Gross weight(1 Pair)	20kg

Dimension



Front view



Top view



Side view



G-810

Professional Karaoke Speaker

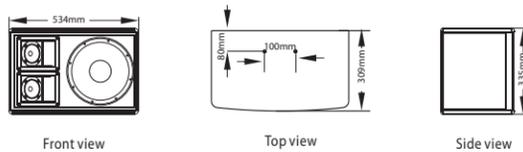
Features

- >> Diffusive HF driver designed for better HF sound reflection.
- >> Rear phase port design to enhance LF energy.
- >> Bold and strong sound.

Specifications

Transducers	LF:10" x 1 , HF:3" x 4
Frequency response (-3dB)	40Hz-18kHz
Sensitivity (1W@1m)	92dB
Rated Power (RMS)	150 W
Peak Power	600 W
Rated Impedance	8
Input	Push terminal
Dimension (W x H x D)	534 x 335 x 309mm
Packaging Dimensions(W x H x D)	730 x 615 x 425mm
Net weight(1 Pcs)	14.0kg
Gross weight(1 Pair)	30.5kg

Dimension



G-820

Professional Karaoke Speaker

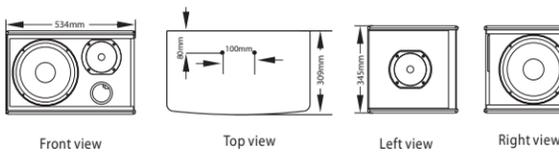
Features

- >> Diffusive HF driver designed for better HF sound reflection.
- >> Rear phase port design to enhance LF energy.
- >> Bold and strong sound.

Specifications

Transducers	LF:10" x 1 , HF:3" x 4
Frequency response (-3dB)	40Hz-18kHz
Sensitivity (1W@1m)	92dB
Rated Power (RMS)	150 W
Peak Power	600 W
Rated Impedance	8
Input	Push terminal
Dimension (W x H x D)	534 x 335 x 309mm
Packaging Dimensions(W x H x D)	730 x 615 x 425mm
Net weight(1 Pcs)	14.0kg
Gross weight(1 Pair)	30.5kg

Dimension





G-826M

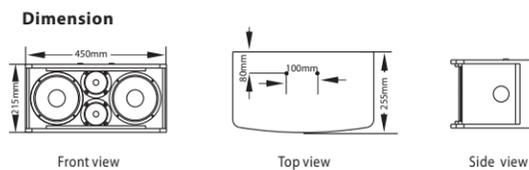
Professional Karaoke Speaker

Features

- >> Specially designed center vocal frequency crossover network for perfect vocal reinforcement.
- >> Dumb-bell positioned drivers design for precise acoustic phase.
- >> Flat and smart design, suitable for center installation.

Specifications

Transducers	LF:6.5" x 2 , HF:3" x 2
Frequency response (-3dB)	74Hz-18kHz
Sensitivity (1W@1m)	91dB
Rated Power (RMS)	160W
Peak Power	640W
Rated Impedance	4
Input	Push terminal
Dimension (W x H x D)	450 x 215 x 255mm
Packaging Dimensions(W x H x D)	520 x 325 x 285mm
Net weight(1 Pcs)	9.5kg
Gross weight(1 Pair)	11kg



Professional
Entertainment
Audio system



F SERIES

Professional Karaoke Speaker



F8

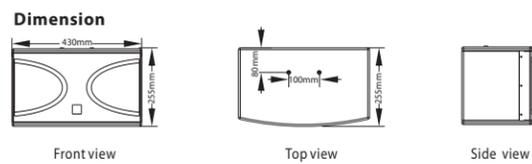
Professional Karaoke Speaker

Features

- >> CURVE technology adopted for fixed point attenuation control, especially to attenuate 3.9dB at 1KHz, to enhance ambience for the singer.
- >>High SPL and big power.
- >>Focused on expression of the human voice penetration and music performance.

Specifications

Transducers	LF:8" x 1 , HF:3" x 2
Frequency response (-3dB)	60Hz-20kHz
Sensitivity (1W@1m)	90dB
Rated Power (RMS)	100W
Peak Power	400W
Rated Impedance	8
Input	Push terminal
Dimension(W x H x D)	430 x 255 x 255mm
Packaging Dimensions(W x H x D)	600 x 325 x 530mm
Net weight(1 Pcs)	8kg
Gross weight(1 Pair)	18kg



F10

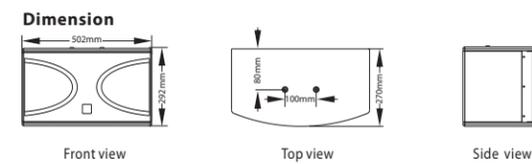
Professional Karaoke Speaker

Features

- >> CURVE technology adopted for fixed point attenuation control, especially to attenuate 3.9dB at 1KHz, to enhance ambience for the singer.
- >>High SPL and big power.
- >>Focused on expression of the human voice penetration and music performance.

Specifications

Transducers	LF:10" x 1 , HF:3" x 2
Frequency response (-3dB)	45Hz-17kHz
Sensitivity (1W@1m)	92dB
Rated Power (RMS)	180W
Peak Power	720W
Rated Impedance	8
Input	Push terminal
Dimension(W x H x D)	502 x 270 x 292mm
Packaging Dimensions(W x H x D)	655 x 360 x 570mm
Net weight(1 Pcs)	10kg
Gross weight(1 Pair)	22kg





F12

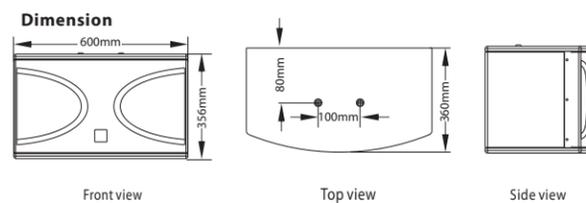
Professional Karaoke Speaker

Features

- >> Hi-Fi class vocal speaker, use Hi-Fi blue ray cone paper, makes the LF very soft, Unbelievable soft performance.
- >> High SPL and big power.
- >> Focused on expression of the human voice penetration and music performance.

Specifications

Transducers	LF:12" x 1, MF:4" x 2, HF:3" x 2
Frequency response (-3dB)	35Hz-18kHz
Sensitivity (1W@1m)	93dB
Rated Power (RMS)	250 W
Peak Power	1000 W
Rated Impedance	8
Input	Push terminal
Dimension(W x H x D)	600 x 356 x 360mm
Packaging Dimensions(W x H x D)	845 x 445 x 700mm
Net weight	18.0kg
Gross weight	21.0kg



GS SERIES

Active Subwoofer



Professional
Entertainment
Audio system



GS112Ba

Active Subwoofer

Features

- >> Compact cabinet with big dynamic LF performance.
- >> Specially designed amplifier module for KTV performance.
- >> Built-in circuit for loudspeaker phase adjustment and transient distortion.

Specifications

Transducers	12 × 1
Frequency response (-3dB)	40Hz-250Hz
Rated Power (RMS)	250W
SPL. (1m/1w)	112dB
Max SPL. (1m/1W)	118dB
Input Impedance	Balanced 20k , Unbalanced 10k
Crossover Frequency	< 250Hz
Connect	Input: XLR J3P , Output: XLR K3P
Power Supply	AC 115 ~ 230V, 50-60Hz
Dimension (W x H x D)	450 x 370 x 456mm
Packaging Dimensions (W x H x D)	550 x 465 x 550mm
Net weight	24kg
Gross weight	27kg



GS115Ba

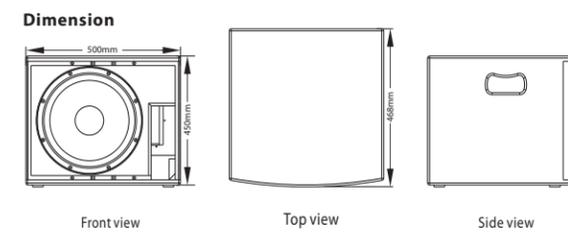
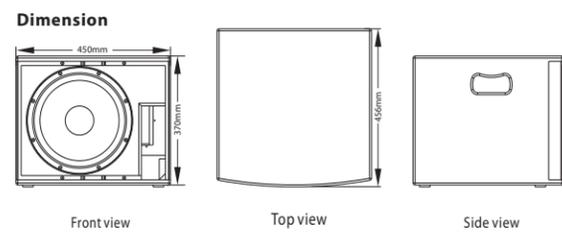
Active Subwoofer

Features

- >> Compact cabinet with big dynamic LF performance.
- >> Specially designed amplifier module for KTV performance.
- >> Built-in circuit for loudspeaker phase adjustment and transient distortion.

Specifications

Transducers	15 × 1
Frequency response (-3dB)	40Hz-150Hz
Rated Power (RMS)	500W
SPL. (1m/1w)	117dB
Max SPL. (1m/1W)	123dB
Input Impedance	Balanced 20k , Unbalanced 10k
Crossover Frequency	< 250Hz
Connect	Input: XLR J3P , Output: XLR K3P
Power Supply	AC 115 ~ 230V, 50-60Hz
Dimension (W x H x D)	500 x 450 x 468mm
Packaging Dimensions (W x H x D)	600 x 500 x 570mm
Net weight	36.5kg
Gross weight	39kg



Professional
Entertainment
Audio system

NA SERIES

Professional Karaoke Amplifier



NA2150

Professional Karaoke Amplifier

Features

- >> Preset equalizer and phase stabilizer for MIC channels and clean sound which make singer easy to sing.
- >> Built-in sound feedback resistant circuit.
- >> Overheat, overload and short circuit protection.
- >> Class AB amplifier.
- >> MIC echo, direct output and music channel output control.
- >> Built-in MIC bass, treble and tone control, 3-way MIC channel volume and effect control.
- >> 2-channel, 4 passage output electrical level indicator.
- >> Temperature adjustment, heat sinks interactive with temperature control device.

Specifications

Output power	150W×2	Tone Control	± 10dB
S/N Ratio	≤0.02%	Music	LF:100Hz HF:10kHz
Line	=86 dB	MIC	LF:100Hz HF:6.3kHz
MIC	=76 dB	Total Harmonic Distortion	<0.2%
Minimum Electromotive Force		Intermodulation Distortion	<0.5%
Line	120 mV +/-10%	Power	~110V/~220V, 50Hz/60Hz,
MIC	20 mV +/-20%	Net weight	13 kg
Input terminal/Output Electrical Level	1.5V +/-10%	Packaging Dimensions(W×H×D)	560×488×208(mm)
Music Signal Input Overload Source			
Line	> 2V		
MIC	>160mV		



NA2200

Professional Karaoke Amplifier

Features

- >> Preset equalizer and phase stabilizer for MIC channels and clean sound which make singer easy to sing.
- >> Built-in sound feedback resistant circuit.
- >> Overheat, overload and short circuit protection.
- >> Class AB amplifier.
- >> MIC echo, direct output and music channel output control.
- >> Built-in MIC bass, treble and tone control, 3-way MIC channel volume and effect control.
- >> 2-channel, 4 passage output electrical level indicator.
- >> Temperature adjustment, heat sinks interactive with temperature control device.

Specifications

Output power	200W×2	Tone Control	± 10dB
S/N Ratio	≤0.02%	Music	LF:100Hz HF:10kHz
Line	=86 dB	MIC	LF:100Hz HF:6.3kHz
MIC	=76 dB	Total Harmonic Distortion	<0.2%
Minimum Electromotive Force		Intermodulation Distortion	<0.5%
Line	120 mV +/-10%	Power	~110V/~220V, 50Hz/60Hz,
MIC	20 mV +/-20%	Net weight	13 kg
Input terminal/Output Electrical Level	1.5V +/-10%	Packaging Dimensions(W×H×D)	560×488×208(mm)
Music Signal Input Overload Source			
Line	> 2V		
MIC	>160mV		



DA SERIES

Digital Karaoke Amplifier



DA2300

Digital Karaoke Amplifier

Features

- >> 2-channel Power Output, Record output, Line output, Pre-output, Bass-output, Mid-channel output, etc.
- >> 3-channel Music/Video Input, Automatic/Manual Sound Resource Switchable, 5 MIC Inputs in 2 Groups, Individual Volume Control .
- >> +/- 8 dB Treble, Mediant and Bass Control in Each Music Channel and MIC Channel.
- >> DSP technology, LCD screen, SCM production process.
- >> Have Mic volume knob, Mic effect volume knob and music volume knob. Each level can be shown in the LED display. MIC effect and music volume can be adjusted in L.R and center channel.
- >> Mute, Vocal Cancelation, Key Changer, Automatic sing-along, S Terminal Line Control
- >> Have Max Volume limitation and save current volume level function.

Specification

Output Power(1kHz,8)	300W × 2
Total Harmonic Distortion(1kHz,)	<0.05% (20Hz-20KHz,8)
Frequency Response(-3dB)	20Hz-20kHz ± 1dB
Input Sensitivity	Front Mic:20mV ± 10%/2K , Rear Mic:40mV ± 10%/2K
Input Impedance	Line :200mV ± 10%/10K Video:1Vp-p /75
Tone Control	± 8
	Music: Bass\Middle\Treble: 100Hz\1.6KHz\10KHz
	Mic: Bass\Middle\Treble:100Hz\1.6KHz\6.3KHz
Effect	ECHO/REV/ECHO+REV
Output Impedance	4-16
Rated Impedance	8
Power	AC~110-220V,50Hz/60Hz
AC Power Outlets	Switched:200W Unsumption(2 Way):300W
Static Power Dissipation	30W
Net Weight (1 pc)	13kg
Gross Weight (1 pc)	14kg
Dimension(W×D×H)	507 × 422 × 202mm



DA3300

Digital Karaoke Amplifier

Features

- >> 3-channel Music/Video Input, Automatic/Manual Sound Resource Switchable, 5 MIC Inputs in 2 Groups, Individual Volume Control etc.
- >> ± 8 dB Treble, Mediant and Bass Control in Each Music Channel and MIC Channel.
- >> DSP technology, LCD screen, SCM production process.
- >> Have Mic volume knob, Mic effect volume knob and music volume knob. Each level can be shown in the LED display. MIC effect and music volume can be adjusted in L.R and center channel.
- >> Mute, Vocal Cancelation, Key Changer, Automatic sing-along, S Terminal Line Control.
- >> Have Max Volume limitation and save current volume level function.

Specification

Output Power(1kHz,8)	300W × 3
Total Harmonic Distortion(1kHz,)	<0.05% (20Hz-20kKHz,8)
Frequency Response(-3dB)	20Hz-20kHz ± 1dB
Input Sensitivity	Front Mic:20mV ± 10%/2K , Rear Mic:40mV ± 10%/2K
Input Impedance	Line:200mV ± 10%/10K Video:1Vp-p /75
Tone Control	± 8
	Music: Bass\Middle\Treble: 100Hz\1.6kKHz\10kKHz
	Mic: Bass\Middle\Treble:100Hz\1.6KHz\6.3kKHz
Effect	ECHO/REV/ECHO+REV
Output Impedance	4-16
Rated Impedance	8
Power	AC~110-220V,50Hz/60Hz
AC Power Outlets	Switched:200W Unsumption(2 Way):300W
Static Power Dissipation	30W
Net Weight (1 pc)	14.5kg
Gross Weight (1 pc)	15kg
Dimension(W×D×H)	507 × 422 × 202mm

EA SERIES

Grand Karaoke Amplifier



EA2300

Grand Karaoke Amplifier

Features

- >>Unique 7-band EQ adjustment, to make the sound effects of regulation more flexible.
- >>Dual 7-segment LED output level indication.
- >>Center channel extended to three-channel output, which can connect three 8 ohm speakers simultaneously, but also connect two 8 ohm speakers in parallel.
- >>Overheat, overload, DC protection, RF protection for switch impact inhibition, ESD protection.

Specifications

Rated Power (1kHz,8ohm)	300W × 2	Auxiliary output level	
Transient Power (1kHz,8ohm)	350W × 2	PRE(line)	1V ± 10%
SNR		C(Centered)	1.2V ± 10%
Line	90 dB	SUB (Subwoofer)	4.5V ± 10%
Microphone	78 dB	Input Impedance	Unbalance 20k
Input Sensitivity		Frequency Response	20Hz-20kHz(+0.5/-0.5dB)
Line	200 mV ± 10%	Total Harmonic Distortion+ Noise	THD+N 0.08%
Microphone	20 mV ± 10%	Intermodulation Distortion	0.05% (+4dBu@60Hz/7kHz)
Overload Emf		Power Required	185-242VAC 50Hz
Line	> 2V	Static Power Consumption	35W
Microphone	>200mV	Net Weight	13kg
		Dimension(L × W × H)	551 × 444 × 206mm



EA3400

Grand Karaoke Amplifier

Features

- >>Unique 7-band EQ adjustment, to make the sound effects of regulation more flexible.
- >>Dual 7-segment LED output level indication.
- >>Center channel extended to three-channel output, which can connect three 8 ohm speakers simultaneously, but also connect two 8 ohm speakers in parallel.
- >>Overheat, overload, DC protection, RF protection for switch impact inhibition, ESD protection.

Specifications

Rated Power (1kHz,8ohm)	350W x 3	Auxiliary output level	
Transient Power (1kHz,8ohm)	400W x 3	PRE(line)	1V ± 10%
SNR		C(Centered)	1.2V ± 10%
Line	90 dB	SUB (Subwoofer)	4.5V ± 10%
Microphone	78 dB	Input Impedance	Unbalance 20k
Input Sensitivity		Frequency Response	20Hz-20kHz(+0.5/-0.5dB),
Line	200 mV ± 10%	Total Harmonic Distortion+ Noise	THD+N 0.08%
Microphone	20 mV ± 10%	Intermodulation Distortion	0.05% (+4dBu@60Hz/7kHz)
Overload Emf		Power Required	185-242VAC 50Hz
Line	> 2V	Static Power Consumption	35W
Microphone	>200mV	Net Weight	14.5kg
		Dimension(L x W x H)	551 x 444 x 206mm



DCM SERIES

Effect Processor



DCM-28E

Dual-core Processing System

Features

- >>Dual-core DSP processing provides sufficient energy engine for high quality AV calculation and multi-functional processing.
- >>RF protection on input/output, easy anti-static and anti-interference, guarantee the equipment's reliability and stability.
- >>The function of feedback inhibition improves transmission gain and enables to sing easily.
- >>Intelligent dynamic processing provides optimal system sound transmission gain.
- >>Three reverb effect modes (two modes are stereo effect) can be switched based on practical application demanding.

- >>Exclusive adjustment unit for input gain and overload indicating to reach an optimal balance point between input dynamic and S/N ratio.
- >>Automatically switchable Hi/K mode of ULF channel.
- >>7-band room PEQ sufficiently make up the defects of room building acoustics.
- >>Easy & full mode to highly satisfy different requirements.
- >>2×1 Mic + 5-band, 5-band music PEQ, to fully match various sound sources.

Specification

5-way input Mic	3 for front and 2 for back	THD+N	<0.008%
Two input gain potentiometer for mic	1 independent PEQ for each group	Frequency Respond	-0.5dB~+0.5dB(20Hz~20kHz)
Mic channel	5+2×1=7-bandPEQ	AUX1&AUX2 channel	50 millisecond Maximum delay
Channel & Music Dynamic Processor	AGC&LIMITER&NOISE GATE	Subwoofer	Low cut and high cut set
Three Effect modes	SWEET (Mono effect)	S/N Ratio	>90dB
	HERIOC (Stereo effect)	Sensitivity	Mic50mV
	FLAME(Stereo effect) with effect extension		Music 315mV
Music channel	5-band PEQ	Maximum input	Mic 250mV(to middle position of potentiometer)
2 group music input	VOD/BGM (Coaxial or Fiber-optical input)		Music2Vrms
Selective	Wire-control、Coaxial or Fiber-optical input	Maximum output	2Vrms@1kHz
8-way output	L/R , C/SUB , AUX1L/R , AUX2L/R	Power consumption	<20W(~220V)
Stereo	7-band room EQ (PEQ)	Dimention	482 x 172 x 45
Automatically attenuable setting for subwoofer		Netweight	3.0kg
Dynamic	>105		



DCM-31E

Dual-core Processing System

Features

- >> Dual-core DSP processing provides sufficient energy engine for high quality AV calculation and multi-functional processing.
- >> RF protection on input/output, easy anti-static and anti-interference, guarantee the equipment's reliability and stability.
- >> The function of feedback inhibition improves transmission gain and enables to sing easily.
- >> Intelligent dynamic processing provides optimal system sound transmission gain.
- >> Three reverb effect modes (two modes are stereo effect) can be switched based on practical application demanding.

- >> Exclusive adjustment unit for input gain and overload indicating to reach a optimum balance point between input dynamic and S/N ratio.
- >> Automatically switchable Hi/K mode of ULF channel.
- >> Easy & full mode to highly satisfy different requirements.
- >> 2×1 Mic + 5-band, 5-band music PEQ, to fully match various sound sources.

Specification

5-way input Mic	2 for front and 2 for back	THD+N	<0.008%
Mic channel	5+2×1=7-bandPEQ	Frequency Response	-0.5dB~+0.5dB(20Hz~20kHz)
Channel & Music Dynamic Processor	AGC&LIMITER&NOISE GATE	Subwoofer	Low cut and high cut set
Three Effect modes	SWEET (Mono effect)	S/N Ratio	>85dB
	HERIOC (Stereo effect)	Sensitivity	Mic50mV
	FLAME (Stereo effect) with effect extension		Music315mV
Music channel	5-band PEQ	Maximum input	Mic 250mV(to middle position of potentiometer)
2 group music input	VOD/BGM		Music 2Vrms
Selective	Wire-control、Coaxial or Fiber-optical input	Maximum output	3.5Vrms@1kHz
4-way output	L/R , C/SUB	power consumption	<20W(~220V)
Automatically attenuable setting for subwoofer		Dimention	482 x 172 x 45
Dynamic	>105	Netweight	3.0kg



DCM-33E

Dual-core Processing System + Professional Reverb Engine

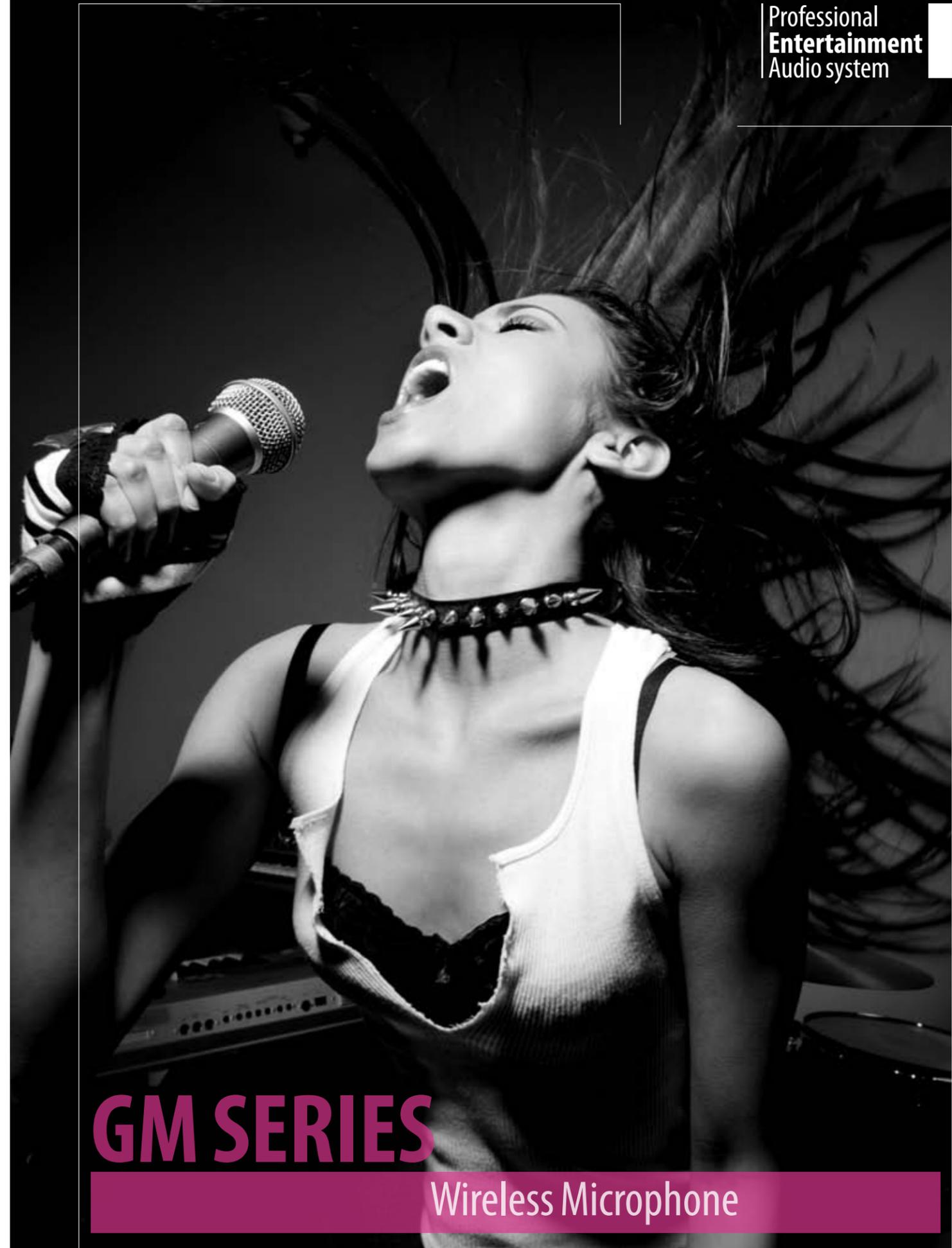
Features

- >>Dual-core DSP processing provides sufficient energy engine for high quality AV calculation and multi-functional processing.
- >>RF protection on input/output, easy anti-static and anti-interference, guarantee the equipment's reliability and stability.
- >>The function of feedback inhibition improves transmission gain and enables to sing easily.
- >>Intelligent dynamic processing provides optimal system sound transmission gain.

- >>Three reverb effect modes (two modes are stereo effect) can be switched based on practical application demanding.
- >>Exclusive adjustment unit for input gain and overload indicating to reach an optimal balance point between input dynamic and S/N ratio.
- >>Automatically switchable Hi/K mode of ULF channel.
- >>7-band room PEQ sufficiently make up the defects of room building acoustics.
- >>Easy & full mode to highly satisfy different requirements.
- >>2×1 Mic + 5-band, 5-band music PEQ, to fully match various sound sources.

Specification

5-Channel Mic input	Front 3 rear 2	THD+N	<0.008%
Two groups MIC input gain pots	one independent PEQ for each group, can be linked for adjustment simultaneously	Frequency Response	-0.5dB~+0.5dB(20Hz~20kHz)
Mic Channel	5+2×1=7-band PEQ	AUX1&AUX2Channel	50 millisecond Maximum delay
Channel and Music dynamic processor	AGC&LIMITER&NOISE GATE	Ultra low frequency	Low cut and high cut set
Three effect modes	SWEET (Mono effect)	S/N ratio	>90dB
	HERIOC (Stereo effect)	Sensitivity	Mic50mV
	FLAME (Stereo effect) with effect extension	Max input	Mic250mV(to middle position of potentiometer)
Music Channel	5-bandPEQ	Music2Vrms	
Two groups music input	VOD/BGM	Max output	2Vrms@1kHz
Selective	RCA Line-control	Power consumption	<20W(~220V)
8-channel output	L/R , C/SUB , AUX1L/R , AUX2L/R	Dimensions	482 × 172 × 45
Stereo sound	7-band room (PEQ)	Netweight	3.0kg
ULF auto-attenuation set up			



GM SERIES

Wireless Microphone



GM3.1

Wired Microphone

Features

- >> Mid-high range clear and strong, High Fidelity.
- >> Die-cast Zinc Alloy Robust Housing construction, heat treatment brazing grill head, strong and durable.
- >> Antiroll slippery.
- >> Bass vigorous powerful, no undesirable "pop", mid range mellow and full, high range clear and mild High quality vocal performance, strong impact, high sensitivity, minimizes background sound noise.
- >> Using the latest shock absorber structure, extremely reduced the handing noises and signal interference.
- >> Wide dynamic range, tone pure exquisite, perfect vocal performance.
- >> Equipped with premium cardioid condenser microphone capsule, its precise polar pattern permits outstanding gain-before-feedback .
- >> Balanced output, with dual core shielding wire, effectively reduced the Electromagnetic coupling interference.
- >> Applicable to Stage, Karaoke and Home etc. entertainments.

Specification

Type	Dynamic
Directionality	Cardioid
Sensitivity	-55dB ± 3dB (0dB=1V/Pa at 1kHz)
Frequency Response	40Hz-18 kHz
Output Impedance	300 ± 30%(at 1kHz)



GM300

UHF Wireless Microphone

Features

- >>U frequency diversity ID Identification technology for interference-free reception when use many sets simultaneously.
- >>UHF-band PLL Synthesized design.
- >>Unique intelligent ID identification technology which can make multiple sets work separately.
- >>Mixed transmission with digital and analog signals which overcome the defects of delay when use Audio transmission with non-digital signal.
- >>UHF 1000 frequency PLL digital lock, Auto sorting signals.
- >>Infrared frequency matching.
- >>Microprocessor control, eliminate blind angels, avoid noise effectively and ensure the output frequency.

Specification

System		Sensitivity	-105dBm(20dB SINAD)
Distance	80meters(the real distance differs depending on environment Frequency Range)	THD:	0.5%@1kHz
Frequency Range	792.500MHz-817.475MHz	Display	LCD
Therefore Oscillation	PLL synthesized	Audio output	two-way mixed unbalanced output, two-way balanced separate output
RF Bandwidth	300MHz	Channels	2
RF Accuracy	+/-5ppm<10kHz	Dynamic range	>100dB
Frequency points	1000CH	Deviation	25kHz
Temperature	-18 to50	Harmonic waves	-45dBc
Frequency response+/-3dB	50Hz-15kHz	Output power	-10dBm
Receiver		Current consumption	<150mA@3V
Receiving way	2-Fixed Frequency	Power supply	AA1.5V x 2
S/N Ratio	>105dB(A-weight)	Working time	about 8 (sependson battery)



GM900

UHF Wireless Microphone

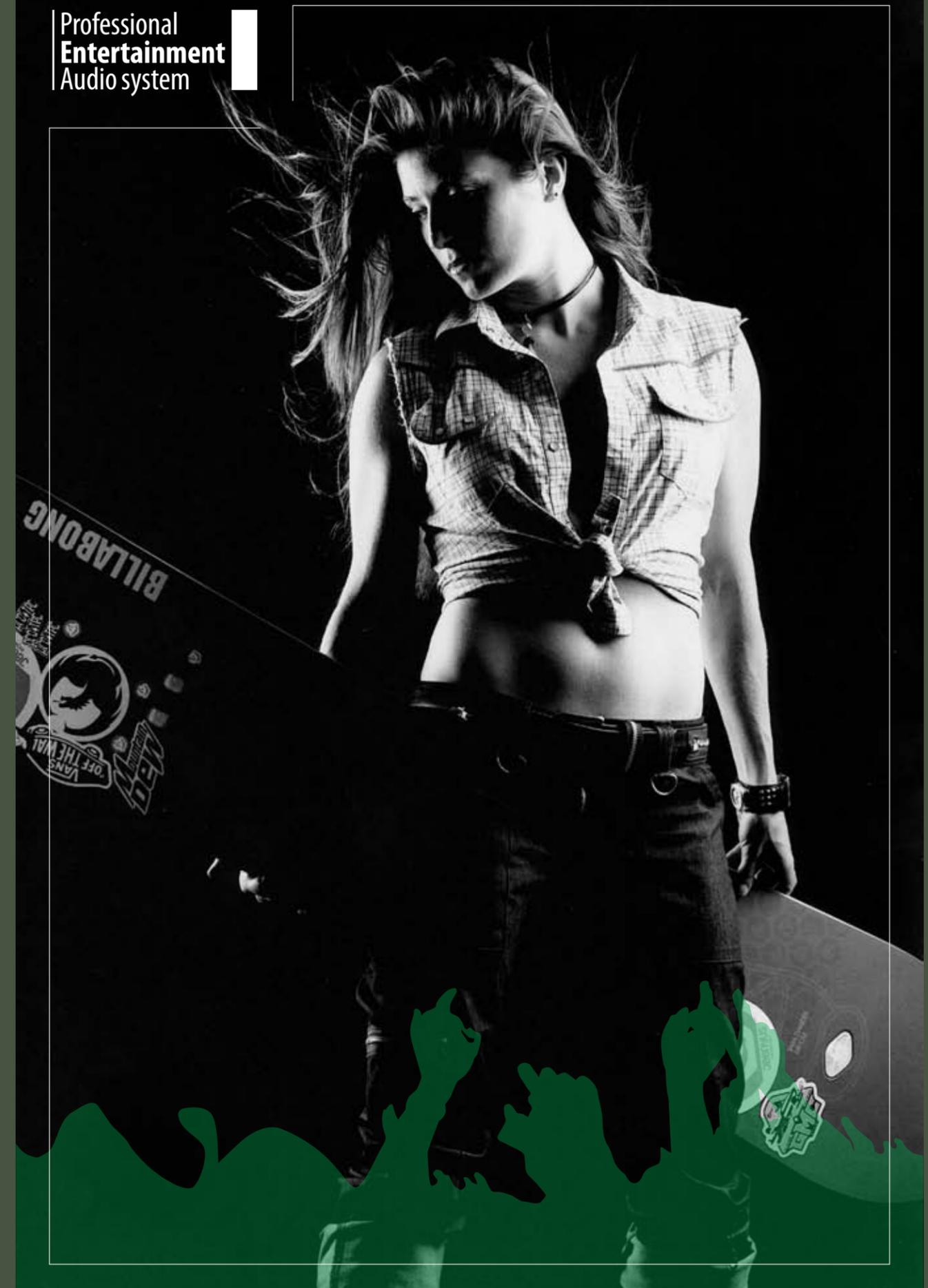
Features

- >>U frequency diversity ID Identification technology for interference-free reception when use many sets simultaneously.
- >>UHF-band PLL Synthesized design.
- >>Unique intelligent ID identification technology which can make multiple sets work separately.
- >>Mixed transmission with digital and analog signals which overcome the defects of delay when use Audio transmission with non-digital signal.
- >>UHF 1000 frequency PLL digital lock, Auto sorting signals.
- >>Infrared frequency matching.
- >>Microprocessor control, eliminate blind angles, avoid noise effectively and ensure the output frequency.

Specification

System		Sensitivity	-105dBm(20dB SINAD)
Distance	80meters (the real distance differs depending on environment)	THD	0.5%@1kHz
Frequency Range	790-820MHz	Display	LCD
RF Oscillation	PLL synthesized	Audio output	balanced XLR & unbalanced TRS output connector
RF Bandwidth	30MHz	Channels	2
RF Accuracy	+/-5ppm<10kHz	Transmitter	
Frequency points	1000CH-1200CH	Dynamic range	>100dB
Temperature	-18 to50	Deviation	25kHz
Frequency response+/-3dB	50Hz-15kHz	Harmonic waves	-45dBc
Inserted interference-free modules	100 groups	Output power	-10dBm
Receiver		Current consumption:	<150mA@3V
Receiving way	2-Fixed Frequency	Power supply	AA1.5V x 2
S/N Ratio:	>105dB(A-Weight)	Working time	about 8 (sependson battery)

Professional
Entertainment
Audio system





3G Audio[®]

3G Audio professional entertainment audio system focuses on entertainment performance, karaoke room, and medium to sized small venue performance. various solutions can meet different entertainment requirements.

3G Audio professional entertainment audio system contains the understanding from Germany and Taiwan experienced engineers, who have over 10 years experience in entertainment audio system. Each product from the circuit design, component selection, to function definition which all include the hard work of senior engineers.

We believe each 3G Audio product will bring you perfect function performance and listening enjoyment.