

2016

SENRUN®



MULTIPURPOSE WIRELESS PORTABLE AMPLIFIER SPEAKER SYSTEM

- MULTIPURPOSE WIRELESS PORTABLE PA AMPLIFIER SPEAKER SYSTEM
- PROFESSIONAL DIGITAL AUDIO RECORDER
- WIRELESS ASSISTIVE LISTENING SYSTEM / TOUR GUIDE SYSTEM
- UHF DIGITAL WIRELESS MICROPHONE SYSTEM
- WIRELESS MODULES SERIES

2016

CONTENTS

All teams of ECEN focus on product-excellence as well as self-regulating, and keep on innovating the products as well as the value of customers until the quality of products can be reached the quality policy of company and satisfy our customers.

ECEN has been certified by German TUV ISO-9001 in 1999; we offer omnibus product designing and manufacturing, also own the standard operating procedure for customer satisfaction. Meanwhile, ECEN obtains many products safety certifications and patent licenses from many countries.

ECEN has been well known around the world by self-brand SENRUN since 2001, and dedicated to release the latest products in the exhibition of Europe, America and Asia. We gain the admiration and approval from our clients in respect of professional skill, efficient manufacture, product quality and customer service.

In 2003, ECEN has put a large amount of money into research and development as well as equipment renovating, for investing new molds and investigating digital products. Until now, ECEN has kept hard-working on and quick-responding to the changeful audio and video market.

Since 2012, ECEN has devoted to the research and development of automotive electronics products, such as tire pressure monitoring system (TPMS) and vehicle rear view camera, etc.

On the strength of stable quality, complete product line and superior product design, ECEN leads the company on the way of innovation and diversification in order to make SENRUN become the first choice of professional amplifiers.



New products

Multipurpose wireless portable amplifier speaker system : EP-890
 EP-400 UHF WALL/HANGING Wireless Teaching amplifier system
 Duplex transceiver digital : DUR-78.DUT-78 / UDR-28.UDT-28 / DUR-68 **02** &03 &14

Multipurpose wireless portable amplifier speaker system

EP-980 / EP-900 /EP-768/ EP-810 / EP-800 / EP-700 / EP-2001G / EP-600
 EP-580 series (EP-580P / EP-580R / EP-580RA) / EP-560/ EP-360/ EP-350R / EP-300 / EP-280 / EP-60 **04** -13

Tour guide/Ear monitor system series

Digital UHF PLL Wireless assistive listening system

Duplex transceiver digital : DUR-78.DUT-78 / UDR-28.UDT-28 / DUR-68
 Tour guide system : UT-616L.UR-616L / UT-616F.UR-616F / ET-218-3.ER-218-3 /UPL-83F.UR-818F / UT-96.UR-96 / UR-98.UT-98
 Microphone transmitter : UT-810
 Charger set for tour guide system : Charger sets/Charger bag/Charger closet **14** -16

Wireless microphone system

DIGITAL WIRELESS MICROPHONE SYSTEMS:DUR-30 / DUH-58 / DUR-9FD
 UHF PLL Single receiver series : USR-6FD1 / USR-6FD2 / USR-6FD4
 UHF PLL Ture-diversity receiver series : UDR-7FD1 / UDR-7FD2 / UDR-7FD4 / UDR-7FDM **17** -18

Professional digital audio recorder system

High resolution & quality desktop recorder & player
 High resolution & quality desktop recorder : DAR-100 **19**

Accessories

Modules / Bodypack transmitter series / Wireless transmitter series / Microphones series / Tripod stand / Storage bags series / Battery **20** -22



CE06810 WEEE R&TTE ISO9001

NEW PRODUCTS

P/A

EP890

Specification

Speaker	4 Ω / 8" Woofer, 8 Ω / 1" Horn
Output power	MAX 150W (Class-D Digital Amplifier)
Receiver Module	Dual Digital UHF 16 user-selectable channels
Frequency range	UHF 803-930MHz
T.H.D.	<1%
Frequency response	50Hz-20KHz (±3dB)
Function	Low consumption; The wireless microphone priority/Digital echo system/Loudness/Bluetooth/Stereo line-in (3.5Ø, RCA)/ Stereo aux-in (6.3Øx2)/MIC input jack (6.3Øx2, XLRx2)/ Digital Input/External tweeter jack (6.3Øx1)/External subwoofer jack(6.3Øx1); DC5V charging jack(USBx1); Electricity power 4 stages display; simultaneous power charging with unit operation.
Charging time	6-8 hours
Operating time	Averagely 3-7 hours (depending on volume)
Power supply	100-240V switching power supply
Rechargeable battery	29.4V/7.8Ah Lithium battery
Size (HxWxD)	400x270x240mm
Weight	11.7Kgs



PA

Multipurpose wireless portable amplifier speaker system

EP-400 & EP-400W

UHF Digital WALL/HANGING Wireless Teaching Amplifier Speaker

UHF Digital Wireless MIC, No interference/Audio Receiver
25W+25W Class-D stereo amplifier
5.25" Full Speaker x2pcs
RCA-Line input/3.5Ø AUX input/6.3Ø MIC input
Suitable with Projector
independent wall mount PA speaker

Specification

Receiver module	Digital UHF receiver module
Frequency	UHF 803-930MHz
Sample rate	Programable
Modulation	GFSK
Speaker	5.25"
Latency	≤5ms
Audio Inputs	3.5Ø AUX IN / RCA LINE IN / 6.3Ø microphone jack
Power Output	25W+25W/6 Load
Frequency Response	50Hz-20KHz±3dB
T.H.D.	< 1%
S/N Ratio	> 85dB
Power Supply	100-240V AC switching power supply
Weight	3.5kg
Size (HxWxD)	205x150x160 mm



Accessory

DUL-33



DUL-33W



RC-02U (Optional)



EP-980 & EP-900

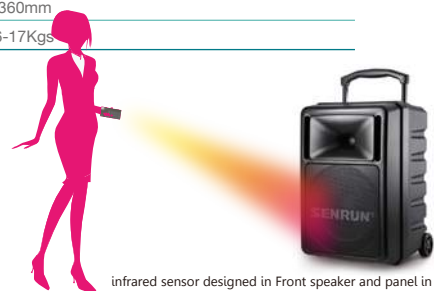
PA

System Features (EP-980)

- 4Ω /10" Neodymium Woofer(180W)
- 8Ω / 1.5" Titanium Compression Driver(50W)
- Class-D and Class-AB amplifiers drive 2-way speakers.
- Up to 4 true diversity UHF 16 frequency receivers(optional).
- The wireless microphone priority.
- Infra-red remote controller.
- Digital echo system.
- A smart 4-segment battery meter for accurate battery reading and charging status.
- Low consumption.
- Automatic charge design for 4pcs/1.2V rechargeable batteries.
- Simultaneous power charging with unit operating.
- Built-in storage compartments for 2 transmitters.
- Robust design with retractable handle and sturdy wheels for easy transport.

Specification

Speaker	8Ω /1.5" Titanium Compression Driver. 4Ω/10" Neodymium Woofer
Output power	250W(Class-D+AB Amplifier)
Receiver module	UHF PLL True-Diversity receiver module (up to 4pcs of receivers for option), 16 User Selectable Channels/LED signal display.
Carrier frequency range	UHF 600-960MHz (Europe: UHF 863-865MHz)
T.H.D	<1%
Frequency response	70Hz-22KHz(±3dB)
Active Crossover Filter	2.5KHz/-12dB oct
Function	Automatic charge design for 4pcs/1.2V rechargeable batteries The wireless microphone priority/Digital echo system Electricity power 4 stages display/Stereo line-in(6.3Ø, RCA) MIC input jack(6.3Ø x2, XLR x1)/One -touch retractable handle
Charging time	6-8 hours
Rechargeable battery	12V/5Ah(2pcs) Lead acid battery with charger, 100-240V switching power supply (for microphone as 1.2V/1.3Ah x4pcs, NiMh battery)
Operating time	Averagely 3-7 hours(depending on the volume)
Size (HxWxD)	500x320x360mm
Weight	Approx.16-17Kgs



infrared sensor designed in Front speaker and panel in order to operate the player(optional).



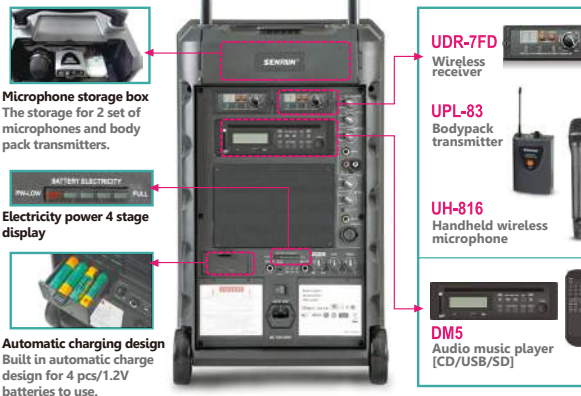
System Features (EP-900)

- 8Ω/ 1" Dome tweeter, 4Ω /10" Neodymium Woofer.
- Class-D amplifier drive speaker.
- Up to 4 true diversity UHF 16 frequency receivers(optional).
- The wireless microphone priority.
- Infrared remote controller.
- Digital echo system.
- A smart 4-segment battery meter for accurate battery reading and charging status.
- Low consumption.
- Automatic charge design for 4pcs/1.2V rechargeable batteries.
- Simultaneous power charging with unit operating.
- Built-in storage compartments for 2 transmitters.
- Robust design with retractable handle and sturdy wheels for easy transport.

Specification

Speaker	8Ω/1" Dome tweeter, 4Ω/10" Neodymium Woofer
Output power	150W(RMS)(Class-D Amplifier)
Receiver module	UHF PLL True-Diversity receiver module (up to 4pcs of receivers for option), 16 User Selectable Channels/LED display.
Carrier frequency range	UHF 600-960MHz (Europe: UHF 863-865MHz)
T.H.D	<1%
Frequency response	70Hz-22KHz(±3dB)
Function	Automatic charge design for 4pcs/1.2V rechargeable batteries The wireless microphone priority/Digital echo system Electricity power 4 stags display/Stereo line-in(6.3Ø, RCA) MIC input jack(6.3Ø x2, XLR x1)/One -touch retractable handle
Charging time	6-8 hours
Rechargeable battery	12V/5Ah(2pcs) Lead acid battery with charger, 100-240V switching power supply (for microphone as 1.2V/1.3Ah x4pcs, NiMh battery)
Operating time	Averagely 3-7 hours(depending on the volume)
Size (HxWxD)	500x320x290 mm
Weight	Approx.15-16Kgs

Parts



For more optional choices, please refer to accessory list.

PA

Multipurpose wireless portable amplifier speaker system

EP-810 & EP-800

Streamline Style Design , Excellent in Quality Sound Effect Speaker with 100W/120W Output Power

The speaker of EP-810(120W output power) is built in 10" woofer and 1" tweeter driver; for EP-800 (100W output power) is a 8" full range speaker with digital amplifier system to build high-quality sound effect system.

Function panel design: the module design for wireless microphone receiver, digital player. The function panel configuration: two sets 1/4 Din wireless microphone receiver module using UHF PLL system and invisible antenna which makes the usage of wireless microphone more convenient (optional four sets). Multimedia player which is CD, MP3 compatible, equipped with a USB port and SD/MMC card slot which allows you to use external memory device to play music.

Four stage LED battery meter display for battery status such as accurate battery use. The clear sound, stylish look and convenience in moving is the best choice for professionals in use. Build in hidden press up handle and facilitate the design of the wheels in order to carry easier for end users.

If amplifier was used by inner-built battery, it can continuously be used for lasting 7 hours based on full-charged (hours changing depending on the sound volume.) While amplifier was used in outdoor, it was support for external DC power. Amplifier is fitting to outdoor activities, community meeting, business presentation, fair exhibition, products sales, political election promotion...etc.



System Features (EP-810,EP-800)

- 8Ω/ 1" tweeter, 4Ω /10" Woofer.
- Class-D and Class-AB amplifiers drive 2-way speakers.
- Up to 4 single UHF 16 frequency receivers(optional).
- The wireless microphone priority.
- Infra-red remote controller.
- Digital echo system.
- A smart 4-segment battery meter for accurate battery reading and charging status.
- Low consumption.
- Automatic charge design for 4pcs/1.2V rechargeable batteries.
- Simultaneous power charging with unit operating.
- Built-in storage compartments for 2 transmitters.
- Robust design with retractable handle and sturdy wheels for easy transport.

Specification

Speaker	EP-810:8 /1" tweeter, 4 /10"woofer EP-800:4 /8" full range
Output power	EP-810:120W(RMS)(Class-D Amplifier) EP-800:100W(RMS)(Class-D Amplifier)
Receiver module	UHF PLL single receiver module (Up to 4pcs of receivers for option) 16 User Selectable Channels/ LED display.
Carrier frequency range	UHF 600-960MHz
T.H.D	<1%
Frequency response	70Hz-22KHz(±3dB)
Function	Automatic charge design for 4pcs/1.2V rechargeable batteries The wireless microphone priority/Digital echo system Electricity power 4 stages display/Stereo line-in(6.3Ω, RCA) MIC input jack(6.3Ω x2, XLR x1)/One -touch retractable handle
Charging time	6-8 hours
Rechargeable battery	12V/5Ah(2pcs) Lead acid battery with charger, 100-240V switching power supply (for microphone as 1.2V/1.3Ah x4pcs, NiMH battery)
Operating time	Averagely 3-9 hours(depending on the volume)
Size (HxWxD)	500x320x290mm
Weight	Approx.15-16Kgs

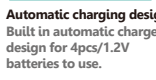
Parts



Microphone storage box
The storage for 2 set of microphones and body pack transmitters.



Electricity power 4 stage display



Automatic charging design
Built in automatic charge design for 4pcs/1.2V batteries to use.



USR-6FD
Wireless receiver

UPL-83
Bodypack transmitter

UH-816
Handheld wireless microphone

DAR-10
Digital audio music recoder [USB/SD]

For more optional choices, please refer to accessory list.

EP-768

Streamline Style Design , Excellent in Quality Sound Effect Speaker with 120W Output Power

The speaker of EP-768(120W output power) is built in 10" woofer and 1" tweeter driver to build high-quality sound effect system.

Function panel design: the module design for wireless microphone receiver, digital player . The function panel configuration: two sets 1/4 Din wireless microphone receiver module using UHF PLL system and invisible antenna which makes the usage of wireless microphone more convenient (optional four sets). Multimedia player which is CD, MP3 compatible, equipped with a USB port and SD/MMC card slot which allows you to use external memory device to play music.

Four stage LED battery meter display for battery status such as accurate battery use. The clear sound, stylish look and convenience in moving is the best choice for professionals in use. Build in hidden press up handle and facilitate the design of the wheels in order to carry easier for end users.

While amplifier was used in outdoor, it was support for AC/DC. If amplifier was used by inner-built battery, it can continuously be used for lasting 7 hours based on full-charged (hours changing depending on the volume.) Amplifier was fitting to outdoor activities, community meeting, business presentation, fair exhibition, products sales, political election promotion...etc.



System Features (EP-768)

- 8Ω/ 1" tweeter, 4Ω/10" Woofer.
- Class-D and Class-AB amplifiers drive 2-way speakers.
- Up to 4 single UHF 16 frequency receivers(optional).
- The wireless microphone priority.
- Infra-red remote controller.
- Digital echo system.
- A smart 4-segment battery meter for accurate battery reading and charging status.
- Low consumption.
- Automatic charge design for 4pcs/1.2V rechargeable batteries.
- Simultaneous power charging with unit operating.
- Built-in storage compartments for 2 transmitters.
- Robust design with retractable handle and sturdy wheels for easy transport.

Specification

Speaker	8Ω/1" tweeter, 4Ω/10"woofer
Output power	120W(MAX)(Class-D Amplifier)
Receiver module	UHF PLL single receiver module (Up to 4pcs of receivers for option) 16 User Selectable Channels/ LED display.
Carrier frequency range	UHF 600-960MHz
T.H.D	< 1%
Frequency response	70Hz-22KHz(±3dB)
Function	Automatic charge design for 4pcs/1.2V rechargeable batteries The wireless microphone priority/Digital echo system Electricity power 4 stages display/Stereo line-in(6.3Ø, RCA) MIC input jack(6.3Ø x2, XLR x1)/One -touch retractable handle
Charging time	6-8 hours
Rechargeable battery	12V/5Ah(2pcs) Lead acid battery with charger, 100-240V switching power supply (for microphone as 1.2V/1.3Ah x4pcs, NiMh battery)
Operating time	Averagely 3-9 hours(depending on the volume)
Size (HxWxD)	500x320x310mm
Weight	Approx.15-16Kgs

Parts



Microphone storage box
The storage for 2 set of microphones and body pack transmitters.



Electricity power 4 stage display



Automatic charging design
Built in automatic charge design for 4pcs/1.2V batteries to use.



USR-6FD
Wireless receiver

UPL-83
Bodypack transmitter

UH-816
Handheld wireless microphone

DAR-10
Digital audio music recoder [USB/SD]

For more optional choices, please refer to accessory list.