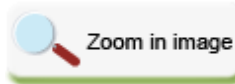


■ CHamp-MIC-M Portable Wireless Amplifier

- Application for multiful microphones



Introductory model especially for speech application. Portable PA 150-Watt wireless amplifier with total 4(four) inputs for 2 wired and 2 wireless microphones. Master volume control, voice-priority and echo function helps the speaker achieve the most unique speech.

Powerful RMS 150-Watt Output
UHF863-865MHz 16-Preset Frequency
Wireless Microphone (Other frequencies are Optional)

TOP ▲

■ Special Features

- A complete, All-in-One system of power amplifier, wired & wireless microphone, master volume control, speaker, rechargeable battery and media player.
- Clear sound wireless transmission of VHF-200MHz or UHF-800/900MHz w/ 16-freq. selection.
- Useful configuration of 2-wireless mic and 2-wired mic combination.
- Voice-priority function allows all the microphones to automatically override any internal or external sound sources during speech but returning back to normal operating condition immediately after the speech. Priority range can be adjustable from 0 ~ 100% within time delay of 0 ~ max. 1.5sec. This function is really effective for sudden speech requirement without manual reducing volume of internal/external sound sources
- CMOS technology digital Echo function with control of effect and level volume.(CMOS: 44K memory / Delay time: 31ms ~ 340ms)
- Battery monitoring indicator by 5 array LED showing the battery level.
- Luxury audio output indicator by symmetrical L/R 10-step array LED display.
- Each wired/wireless microphone and media player has it is own independent Treble/Bass control for individual precise tone setting
- Separate volume controls for all cordless & corded microphone and master level
- Terminal for external speaker to boost output power of total approx. 30%
- Built-in rechargeable explosion proof sealed acid battery runs extremely long operation
- Solid construction and elegant tailored design made by strong wooden MDF for powerful sound output
- Comes complete with hand-held or tie-pin microphone per order, ready for use
- **ABMR** (Automatic Battery Monitoring & Recovery) to protect rechargeable battery

■ Wireless microphone



- PLL Synthesized 16-selectable frequencies. CPU operation.
- Noise-lock and long operational distance without signal dropout.
- Excellent frequency response with stable performance.

■ Voice-over



- Voice-priority function allows all the microphones to automatically override any internal or external sound sources during speech but returning back to normal operating condition immediately after the speech. Priority range can be adjustable from 0 ~ 100% within time delay of 0 ~ max. 1.5sec. This function is really effective for sudden speech requirement without manual reducing volume of internal/external sound sources

■ Digital Echo



- CMOS technology digital Echo function with control of effect and level volume.(CMOS: 44K memory / Delay time: 31ms ~ 340ms)

■ Battery Indicator LED



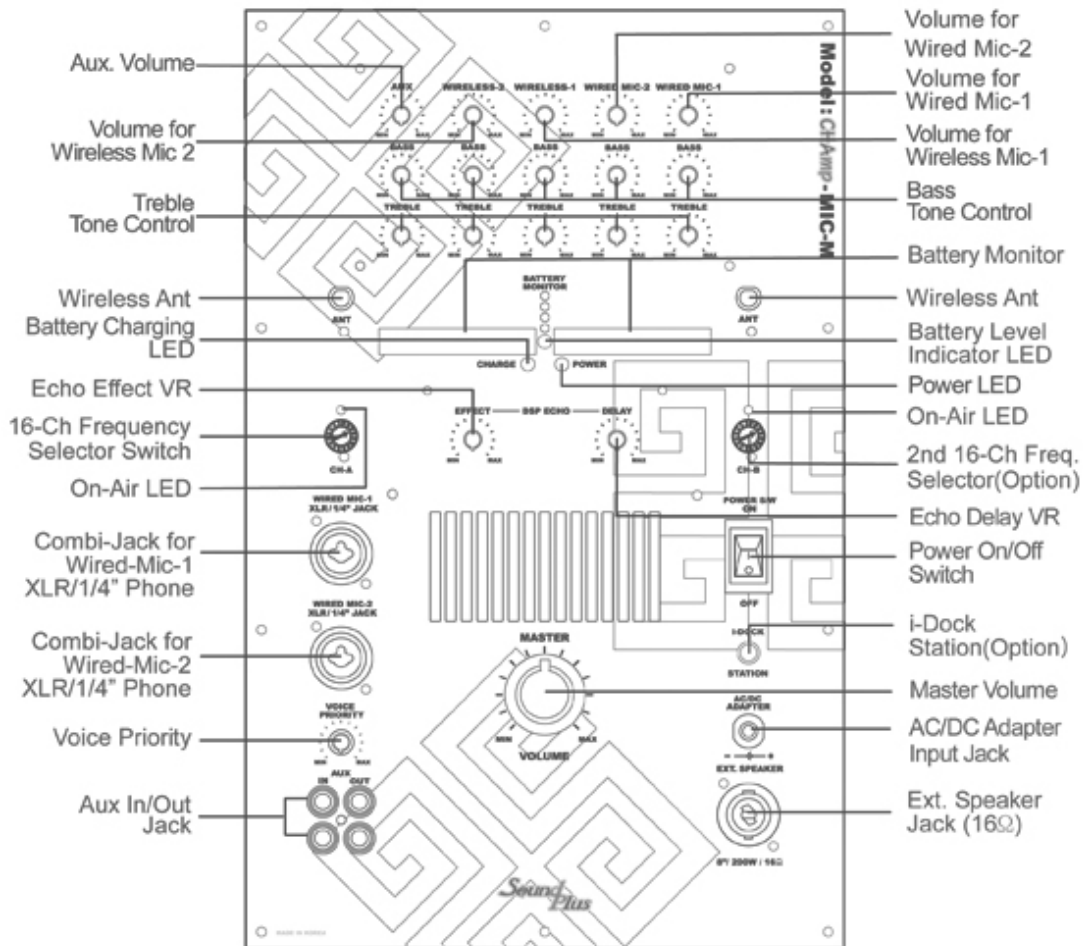
- 5-step array LED indicator shows the level of remaining internal re-chargeable battery by means of any number of LED light so that end-user can identify the remaining battery level and judge the corresponding time to recharge the battery.
- When the battery needs to immediate recharge, the last step LED starts to flash in order to visually warn the dangerous level of battery.

■ Special Note for ABMR(Automatic Battery Monitoring & Recovery System)



- All Soundplus amplifiers are armed with ABMR which continuously monitors the battery and automatically turns off the amplifier if voltage drops to a dangerous level. But system can instantly recover by switching on the supplied AC/DC adapter.

■ Illustration of Component Parts



■ Technical Specification

TOP ▲

Amplifier	Specification
Power Output	RMS 150-Watt
No. of Mic Input	2 x Wired mic / 2 x Wireless mic
Standard Supply	1 x Wired mic / 1 x Wireless mic
Operation	Approx. 4 ~ 5 hours subject to operating conditions
Volume Control	2 x Wired mic / 2 x Wireless mic / 1 x Aux / 1 x Master level control.
Tone Control	1 x Treble / 1 x Bass, ±12dB Independent to all microphones & aux.
Voice-over	Adjustable 0 ~ 100%/0 ~ max. 1.5sec.
Digital Echo	CMOS 44K memory / Delay time: 31ms ~ 340ms
Aux.	1 x RCA Aux-In / 1 x RCA Aux-Out
Speaker	8" Dynamic Full range
Battery	12V/14Ah Rechargeable Maintenance-free, Sealed-acid
AC/DC Adapter	SMPS AC100~240V 50~60Hz / DC15-16V/6A UL/CE/CSA/TUV...
Charging Time	Approx. 10 ~ 12 hours
Weight (Gross)	Approx. 18kg Nett
Dimensions	266mm(W) x 286mm(D) x 408mm(H)

Wireless System	Specification
Carrier Frequency	UHF-863 ~ 865MHz
Oscillation	PLL Synthesized
Stability	$\pm 0.005\%$ Crystal controlled
Modulation	$\pm 15\text{kHz}$ Nor. / $\pm 30\text{kHz}$ Max. w/50 μs Pre & De-emphasis
Freq. Response	50Hz ~ 15kHz $\pm 2\text{dB}$
Max. Distortion	$\geq 0.3\%$ at 1kHz, 15kHz DAV
Dynamic Range	90dB
RF Power	10mW (Depends on regulation)
Max. SPL	110dB
RF Sensitivity	0.45 μV for 12dB SINAD
Image Rejection	65dB, Typical
S/N	More than 90dB
Squelch Quieting	More than 90dB