SHOW

THE UNIVERSE OF INSTALLATION

WITH THE PA SYSTEM YOU WEAR ON YOUR BELT.

WAISTBAND AMPLIFIER

User's Manual

WAP-10/10R

INDEX

IMPORTANT!

Please read this manual carefully before operating this unit for the first time.

FUNCTIONS & INTRODUCTION

WAP-10 SERIES FUNCTIONS		
MODEL:	WAP-10	WAP-10R
AC Adaptor :	YES	YES
MP3 with USB/SD:	NO	YES
Record:	NO	YES
Phone Output(3.5mm Jack):	NO	YES
AUX IN(3.5mm Jack):	YES	NO
WAP-10 SERIES SPECIFICATION		
Built-in Speaker:	2.5" 8Ω Neodymium driver	
Frequency Response:	270-20k Hz/-10dB	
Input:	MIC:-20dBu, 3k ohms, 3.5mm (0.14") monaural mini-jack, phantom power supply	
	AUX: -15dBu, 2k ohms, 3.5mm (0.14") stereo mini-jack (supporting monaural applications)	
Power Output:	10W (Max)	
Output SPL:	89 dB(+/-3dB)	
Phone Output:	500mW (Load=32 Ω)	
Battery:	6x"AA"(UM-3) type batteries (excluded)	
Battery Life(Typical):	Voice operation: Approx. 8.5 hours (when alkaline batteries are used)	
	Music Player operation: Approx. 6.5 hours (when alkaline batteries are used)	
Power Source:	Alkaline battery (LR6): ×6 (9V DC)	
	Rechargeable nickel metal hydride (Ni-MH) battery (HR15/51): ×6 (7.2V DC)	
	Black manganese battery (R6PU):×6 (9V DC)	
AC Adaptor :	Input: 100-240V～50/60Hz	
	Output: DC 12V 1A	
Recharge Current:	300mA (Max)	
Audible Range:	Voice operation: Approx. 70m (76.55 yd) depending on operating conditions	
	(when 6 alkaline batteries or Ni-MH batteries are used)	
Microphone:	Clip-on Microphone: 92cm(3 ft) Approx:22 g(0.05 lb)	
	Headset Microphone: 135cm(4.4 ft) Approx:60 g(0.13 lb)	
	Electret Condenser Microphone: 80Ω, sensitivity: -65 +/-3 dB (0dB = 1V/1Pa. 1kHz)	
Belt :	Length:160cm (5.25 ft)(adjustable)	
	Weight: Approx:65g(0.14 lb)	
Dimensions(WxHxD):	190x90x55mm(7.48"x3.54"x2.17")	
Weight:	WAP-10:Approx 285g (0.63 lb)(batteries excluded)	
	WAP-10R: Approx 325g(0.72 lb)(batteries excluded)	
Package:	1. Main unit:1PCS	
	2. Clip-on microphone or headset microphone: 1PCS	
	3. AC Adaptor: 1PCS	
	4. Belt: 1PCS	

IMPORTANT SAFETY INSTRUCTION

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

The symbol is used to indicate that some hazardous live terminals are involved within this apparatus, even under the normal operating conditions.

The symbol is used in the service documentation to indicate that specific component shall be only replaced by the component specified in that Documentation for safety reasons.

The symbol for Class II, if applicable.

∼ Alternating current /voltage.

DC only, with the symbol

Hazardous live terminal .

ON: Denotes the apparatus turns on.

OFF: Denotes the apparatus turns off, because of using the single pole switch, be sure to unplug the AC power to prevent any electric shock before you proceed your service.

Disposing of this product should not be placed in municipal waste and should be separate collection.

WARNING: Describes precautions that should be observed to prevent the danger of injury or death to the user.
1. Read this manual carefully before operation.
2. Keep this manual in a safe place.
3. Be aware of all warnings reported with this symbol.

4. Keep this Equipment away from moisture or hot.
5. Clean it only with dry cloth. Do not use solvent or other chemicals.
6. Do not damp or cover any cooling opening.
7. Unplug this equipment and take out battery when unused for long periods of time.
8. Refer all service to qualified service personnel only. Do not perform any servicing other than those instructions contained within the User's Manual.

● **VERY IMPORTANT SAFETY NOTES:**
9. Be sure to install batteries as the polarity indications inside of the battery container.
10. Same type and standard battery can be used only. Never mix dry battery with rechargeable battery, never charge dry battery. Otherwise, these will cause some heavy damages, such as electric shock, explosion, fire etc.
11. Please use only the matched adaptor as the power supply or adaptor for rechargeable battery charge. Before connecting adaptor, please make sure that there is no dry battery inside of the unit to avoid any damage. Only rechargeable battery can be charged .
12. Do not short-circuit the adaptor, which may be sufficient to constitute the risk of malfunction, electric shock or fire.
13. Permanent hearing loss may be caused by exposure to \ extremely high noise levels. The US. Government's Occupational Safety and Health Administration (OSHA) has specified the permissible exposure to noise level.
These are shown in the following chart:
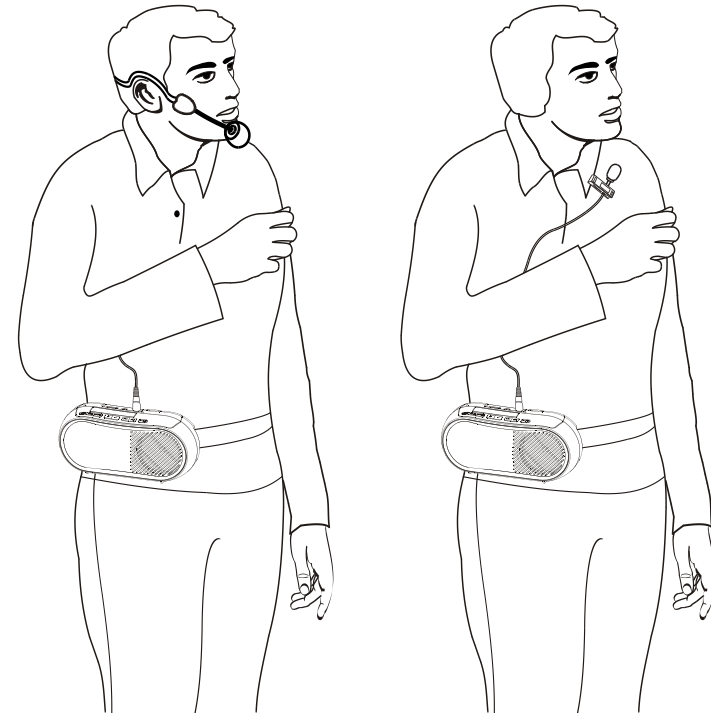
HOURS X DAY SPL EXAMPLE

8	90	Small gig
6	92	train
4	95	Subway train
3	97	High level desktop monitors
2	100	Classic music concert
1,5	102	
1	105	
0,5	110	
0,25 or less	115	Rock concert

According to OSHA, an exposure to high SPL in excess of these limits may result in the loss of heat. To avoidthe potential damage of heat, it is recommended that Personnel exposed to equipment capable of generating high SPL use hearing protection while such equipment is under operation.

The mains plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

MIC AND BELT WEARING SKETCHES

NOTE: The microphones are optional (headset and clip-on).

h. REC

Press this key to record. On the opening or playing status press this key once, it goes into the ready state, and you can press the "USB/ SD" key to select the store equipment for the record. Press the "REC" again. After the mark----"REC" flickers about 3/4 times, it begins to record. After you finished your record, press ⏻/▶️❚❚ to stop this record. The record file will be automatically stored in the "RECORD" folder in the selected store equipment. During the process of record, you can't take other operations During the process of record, if the screen displays "ERR" it means the record goes wrong. Please press the ⏻/▶️❚❚ to stop the record.

NOTE: Basic interface instruction.

When the player isn't connected to a USB/SD memory equipment, the interface is as follows:

MP3 USB	MP3 SD
No USb	No Sd

When the player is searching for MP3 songs, the interface is as follows:

MP3 USB	MP3 SD
- - - -	- - - -

When the player is in pause state, the interface is as follows:

MP3 USB ❚❚ REP	MP3 SD ❚❚ REP
F03 02:09	002 02:09

When the player is in use, the interface is as follows:

MP3 USB ▶ REP	MP3 SD ▶ REP
F05 02:30	067 02:35

When the player is in record state, the interface is as follows:

MP3 USB	MP3 SD
rEC	r 00 03:42

When the battery lacks of power, it displays as follows:
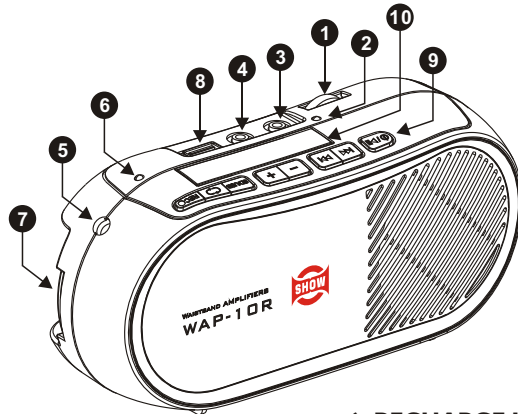
Lo bAt

INTRODUCTION

The WAP-10 series is the multi-function, compact new P.A. system you can wear on your waist. With this system, there's no bulky microphone to hold, your hands are free to carry on your activities, wear this high performance, hi-fi amplifier on your waist, and the tiny ultra sensitive mike on your head to boost your voice at a presentation, party, school event, performance ballpark, or even in your own back yard. This high quality equipment delivers a clear amplification of your voice up to 70m indoor or outdoors and at a price that's half what you'd normally spend.
Enjoy your system and please carefully read this manual before operation.

INSTRUCTION

1. Open the battery cover, install batteries as polarity indications inside of the battery container, LR6 alkaline ZN-MN or R6Pu ultrahigh power dry batteries or 1300-2800mAH(HR15/51) Ni-MH rechargeable battery are recommended. Same type and standard battery can be used only.
   Note: Never mix dry battery with rechargeable battery, never charge dry battery. Otherwise, these will cause some heavy damages, such as electric shock, explosion, fire etc.
2. Connect the microphone to MIC IN of unit and wear the system on your waist to start your performance.
3. Place the microphone at the corner of your mouth, and no farther than 13mm (1/2 inch), that be sure your beautiful voice or even each important word can be heard clearly.
4. Insert USB or SD card, use MP3 function to play background music to embellish the atmosphere, or use MP3 REC function to record everything you want and store them to USB or SD memory equipments you desired, and then play them when you needed. This will make your work or life more relax.
5. If your system without MP3, then AUX input terminal allows public address announcements to be made while BGM is being played.
6. No matter the unit with or without MP3 function, it is equipped with the intelligent charge function, use rechargeable battery will save much money for you. During charge, if the RED recharge LED extinguished means charge finished, please disconnect the adaptor.
7. All WAP-10 series system are equipped with overcharge protection, there is no need to worry about the damage of battery because of overcharge. However, for saving energy or unnecessary loss, please disconnect the adaptor after finished charge.
8. For new battery, please charge up to 14 hours for first time to assure long life using.

DESCRIPTION

1. VOL / OFF

Use this knob to power on/ off the whole system and control the whole system's volume

2. POWER LED

If the unit is switched on/off, this LED turns on/off. It flashes when it is lack of power and turns off until run out of power.

3. MIC IN

Connect the microphone to the unit through the MIC IN to input signal.

4. PHONE(WAP-10R)

It's the signal output. You can insert your earphone to listen to the music.

AUX IN(WAP-10)

AUX input terminal allows public address announcements to be made while BGM is being played.

5. DC IN

With the rechargeable batteries putting inside, plug system supplied adaptor into the DC IN to charge the batteries, and the adaptor is also can be used as the power supply.

Note: Please stop operating during charge, otherwise, it may shorten the batteries life.

6. RECHARGE LED

If the unit is connected with the adaptor, it begins to charge, and this recharge LED turns on. This LED darkles gradually before fully charged and turns off until fully charged.

7. SD CARD PORT

For inserting SD CARD memory equipment.

8. USB PORT

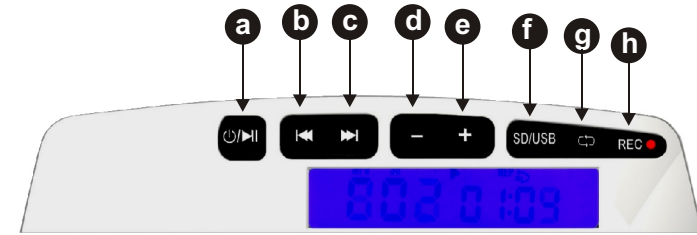For inserting USB memory equipment.

9. MP3 CONTROL KEYS

Via these keys you can activate the desired functions described below.

10. MP3 LCD DISPLAY

All the MP3 informations are monitored through this sexy, magic, blue back lighted display. No operation for about 3 seconds, the LCD will be off, then press any key once the LCD turns blue again and then you can take any operation.

When the battery lacks of power, it displays "Lo bAt".

USB/SD-MP3 player section

The file system of USB/SD memory for USB/SD-MP3 player is FAT16 and FAT32.
The player can only decode MP3.

a. ⏻/▶❙❙ POWER ON/ PLAY/ PAUSE

Press this key and hold on for about 2-3 seconds to turn on/off the MP3 unit and the screen lights blue/goes off. After the MP3 is powered, press it once again the MP3 begins to play.
Note: The USB equipment is prior to SD card. In the playing state, press once to pause. If there is no operation for about 3 seconds, the light will be off. Then press any key once the display screen lights blue again and then you can take any operation.

b. ❙◀◀ PRE

In the playing or pause state, press this key to select the previous file. It still keeps the playing or pause state. Press this key and hold on to select the previous folder.

c. ▶▶❙ NEXT

In the playing or pause state, press this key to select the next file. It still keeps the playing or pause state. Press this key and hold on to select the next folder.

d. VOL-

In the opening status, press this key to turn down the volume.

e. VOL+

In the opening status, press this key to turn up the volume.

f. SD/USB

Press this key to select and switch the playable store equipment.

g. ⟳ REPEAT MODE

In the opening or playing state, press this key to select the four circling modes in order:
Play in order. ------The player plays the files one by one in order. There is no icon displayed on the screen.
Repeat 1. ----The player repeats the single file you select. The mark on the screen is ⟳.
Repeat ALL----The player repeats all the files in the store equipment. The mark on the screen is ⟲.
Random play----The player plays the files at random. The mark on the screen is "REP"