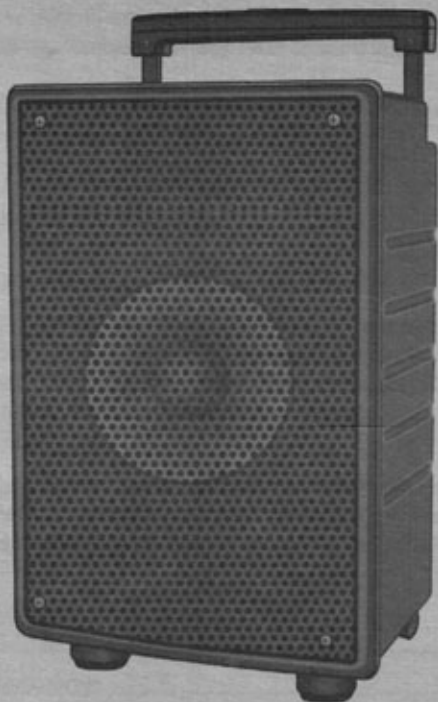




UNO
Wireless Portable
Sound System



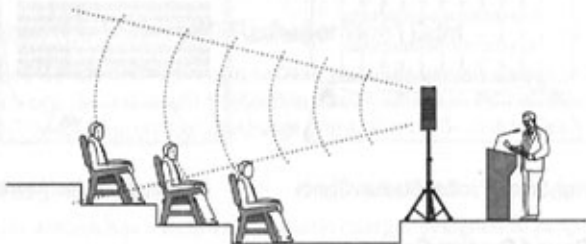
Portable Sound System

OWNER'S MANUAL

<http://www.AudioCity2u.com>

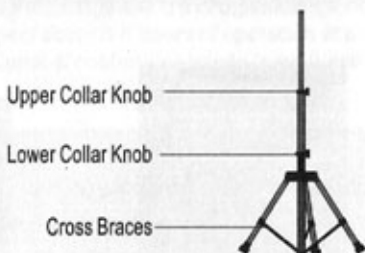
Setting Up The Sound System

For best results, it is recommended that the PA system be placed above the heads of the audience and above the height of the tallest obstruction using a speaker stand or table. This will benefit the listeners in the rear while minimizing the risk of overpowering the listeners in front.



Stand Setup

1. Loosen the Lower Collar Knob.
2. Separate the stand legs until the leg support Cross Braces are parallel to the floor.
3. Tighten the Lower Collar Knob.
4. Extend the center pole by loosening the Upper Collar Knob.
5. Adjust the height and retighten the Upper Collar Knob.
6. Place the sound system on the stand.



Sound System Placement

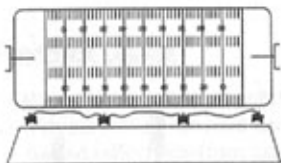
The ideal placement of the sound system is between the crowd and the presenter, facing the crowd. This will give the audience a direct signal path and keep the person with the microphone behind the sound system, helping to prevent feedback from occurring.

Single Unit Application

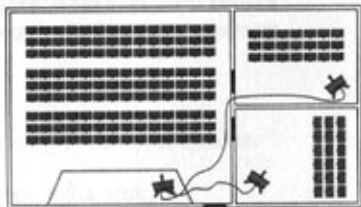
Place the unit along the aisle with the least amount of pedestrian traffic. Point the unit towards the center of the audience.

Two Unit Application

Place each unit along the aisles pointing just off the centerline of the audience. With the sound system placed properly over the head of the crowd, this should be sufficient coverage.



High School Football Stadium/Stands

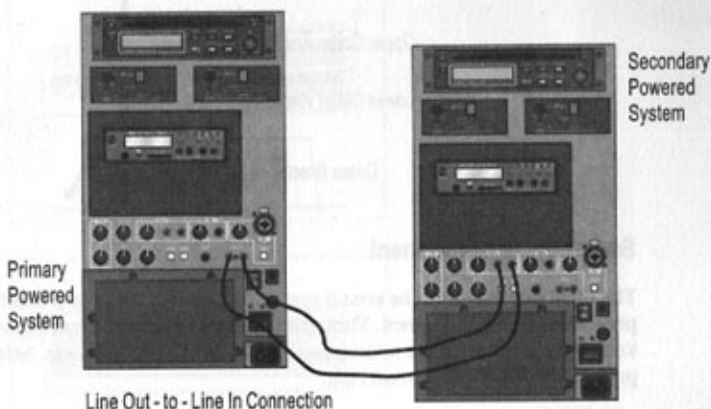


Auditorium/ Outdoor Assembly/City Hall

Sound System Connection

The second method would be to utilize the line-output feature. Simply connect an RCA cable from the line-out of the primary unit to the line-in on the secondary powered unit. Set the volume of the second unit to maximum so that full volume control will be at the primary sound system.

NOTE: Auditoriums or outside areas with large exposed walls or patios may create multiple reflections of the original sound. Altering the sound system position will minimize the sound reflections.



The line-out connection can also be used to send the signal to a sound system in a different room or a recording device.

Caring For Built-in Batteries

It is very important that you fully charge the batteries in your system before first use and as soon as possible after each and every use, even if operated only briefly to preserve battery life.



POWER

Flashing = low battery

When The Battery LED Flashes or Won't Light

The POWER LED will begin to flash when the battery charge is low. To prevent damage, the automatic protection circuit turns the unit off when the batteries approach their critical discharge point; about 15-30 minutes.



CHARGER

Plug cord into AC outlet.

Light On = charging

Light Off = fully charged

Charging Batteries

Your system has a built-in automatic charger designed to properly charge and maintain the batteries. The following steps outline the necessary procedure to charge the batteries:

1. With the power switch off, plug the cord into an AC outlet. The Charger LED will light, indicating the batteries are being charged.
2. When the batteries are fully charged (about 6-8 hours), the Charger LED will off.

Expected Battery Service Time

Battery service time will vary depending on the volume level, tone control settings, type of program usage and if a companion speaker is used with the system. You can expect about 6-8 hours of operation at medium volume, 2-4 hours at full volume of continuous music input (usually longer for speech applications.)

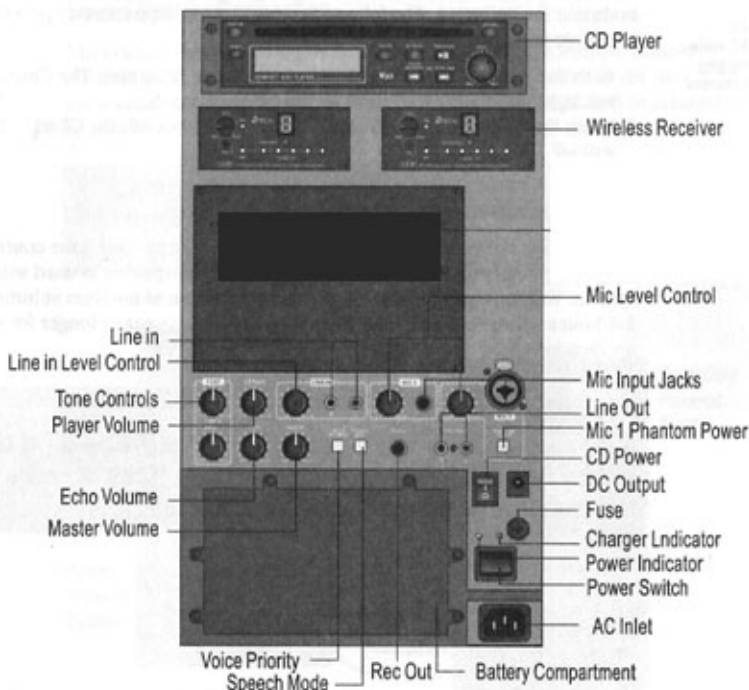
IMPORTANT:

Always store your system with the batteries in a fully charged condition. During extended periods of storage, leave the system plugged into an outlet. If this is not possible, charge the system at least once each month for a minimum of 24 hours.

Control Panel

1. Set all input level controls to minimum and tones controls to flat or middle position before turning on the power. Turn the Player Power switch to ON position.
2. Plug a microphone into Mic 1 or Mic 2, or plug an audio source into the Line-in Input jack.
3. Press POWER on. The red LED near the switch will light.
4. Slowly increase the level control adjacent to the input jack used to desired volume.
5. For speech applications, Speech Mode should be "on" to overcome ambient noise. For standard applications (music and indoors), Speech Mode should be "off".
6. Adjust Bass and Treble controls for desired sound quality.

NOTE : Instructions for wireless operation can be found on page 11



Mic 1

This balanced Combo, low impedance input is for use with balanced microphone to help prevent hum or interference when using a long cable. It features +48VDC condenser mic power for use with a condenser-type microphone.



Mic 2

This balanced 1/4" jack, low impedance input is for use with balanced microphone to help prevent hum or interference when using a long cable.

Line In

The unbalanced, high impedance RCA input is used for playback of a cassette or CD player, musical instrument, VCR, other sound system or similar line-level signal source. This input may be used in conjunction with other inputs for a composite output.

Line Out

The unbalanced Line-out provides a combined signal of all inputs being used. You can use this function to "daisy chain" another powered sound system to this unit for greater crowd coverage. Note: This output is post source level; any volume fluctuations for a specific input will affect the output signal level at this output.

Rec Out

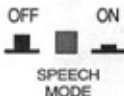
The unbalanced Rec-out provides a combined signal of all inputs being used. You can use this function to record your presentation.

6 Volt DC Output

The DC output jack is used to power auxiliary equipment such as a Walkman or Discman. It is rated at 6 Volts DC, 250 milliamps maximum (output available at jack may be slightly lower depending on installed options).

Speech Mode

The Speech Mode button allows you to customize the sound output of this unit for a particular application:

**Speech Mode off (button out):**

This unit provides flat, full-range frequency response for music or indoor voice applications.

Speech Mode on (button in):

Frequencies in the vocal range (800Hz-12kHz) are boosted for added clarity and efficient sound projection. Use this setting for outdoor functions, large crowds and speech applications.

Voice Priority

The Voice Priority button allows you to customize the sound output of this unit for a particular application:

**Voice Priority off (button out):**

This unit provides a normal music or indoor voice applications.

Voice Priority on (button in):

The Voice for Microphone will overcome the music from the player. When the speech stops, the music will slowly pick up to normal sound.

The CD player features direct-in play power loading, anti-shock/skip CD mechanism, repeat & random play, three beam laser tracking system and dual one bit D/A converters. The audio signal is fed directly into the mixing bus, mixing it directly with all other inputs of this unit for a composite output.

CAUTION: To avoid noise at shut off, turn CD player off before you turn off the unit.



General Operation

INSERT CD - Push a disc into the CD slot label side up. The disc will automatically insert and begin to play.

POWER



POWER ON/OFF - Press POWER to turn the unit on and off.


EJECT CD



EJECT CD - Press EJECT to eject the disc from the slot. If the disc has not been removed within 10 seconds, it will automatically be loaded into the slot again.

PROGRAM



PROGRAM - Under Program Function. Press skip to select the track, then press Enter to store this track, repeat the above step to store more tracks, then press  to play all the track in program.

PLAY/PAUSE



PLAY/PAUSE - Press to play a disc if one has been loaded. Press this button while disk is playing to pause play, press again to resume.

UP



UP - Press UP once to advance disc to previous track. Press and hold UP to fast backward on the current track.

DOWN



DOWN - Press DOWN once to go to next track. Press and hold DOWN to fast forward on current track.

STOP



STOP - Press STOP once to stop playing the disc.

SHUFFLE



SHUFFLE - Press SHUFFLE to play all the tracks continuously in random order. Press SHUFFLE again to stop continuous random play.

REPEAT



REPEAT - Press this button to repeat the same track of the disc continuously. RPT will appear on the display. Press again to stop it.

ENTER

DIGITAL RECORDER PLAYER OPERATION

The Digital recorder records to MP3 compression format, high sample rate at 44.1KHz, 128Kbps. The audio signal is fed directly into the mixing bus, mixing it directly with all other inputs of this unit for a composite output.

CAUTION: To avoid noise at shut off, turn player off before you turn off the unit.



General Operation



POWER

POWER ON/OFF - Press POWER to turn the unit on and off.

PLAY/II



PLAY/PAUSE - Press to play a track. Press this button while track is playing to pause play, press again to resume.

STOP



STOP - Press to stop all the motions, ex.: recording, playing, track selection...

REC



Record - Select track no. in VOC mode in advance, push REC key to record, and then push STOP key to stop record. If the track you want to record is occupied, the LCD will show "≡" you must delete the content of the track before you record. When the memory is with 30 seconds left, the LCD will start to count 30, 29, 28, 27...6, 5, 4, 3, 2, 1, 0. You can use microphones/LINE IN audio source or both mixed source for recording source.



FORWARD - Press to fast forward on the current track.



BACKWARD - Press to fast backward on the current track.



A-B repeat - During playing, push this key to indicate any point as start point (A point) and finish point (B point) on a track, the machine will repeat from A to B point until you push the key again to release the function and continue to play.



UP - Press UP once to advance to previous track.



DOWN - Press DOWN once to go to next track.



Repeat - In MP3 mode during playing, push REPEAT key once to "repeat the track" the LCD will show ↻, and push REPEAT key twice to "repeat all the track", the LCD will show ⇄. Push the key at the third time to release repeat function. The "Repeat all" function can not be used in VOC mode.



MODE

MODE - Push the MODE key with another key for special function selection. The LCD will show "MODE" when push MODE key, you should push another function key to perform the function. If you do not push another function key within 5 seconds, the machine will back to idle mode. Following is the detail of special function keys.

Wireless

The wireless is a 16 channel, diversity wireless system. The antennae are mounted internally so there are no obstructions or risk of damage.

Receiver Channel Selection

Before you use your UHF wireless system, you will need to select a wireless frequency channel. The wireless receiver is mounted inside the unit and can be set to any of 16 available channels.

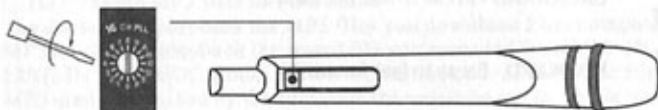
1. Locate the Wireless Channel selector on the front panel.
2. Set the Channel (frequency) of the receiver to 1 thr 16.



NOTE: If you experience ongoing interference with your wireless system, the selected frequency may be incompatible with other RF systems in your area. Try a different channel.

Handheld Transmitter:

1. Release battery cover on lower end of microphone.
2. Set the channel selection dial to match the channel setting on the receiver.
3. Replace the battery cover.



Wireless Microphone Operation

Both the receiver and microphone must be set to the same channel.

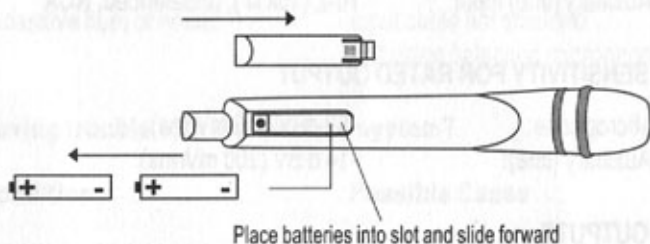
1. If you are using a body-pack transmitter, insert the plug from the mic into the jack marked MIC on the transmitter.
2. Turn the transmitter power switch to ON. (The red LED will flash when the mic is turned on. If the red LED stays on, the battery is low.)
3. Turn the unit power switch to ON.
4. The RX indicators will light (one indicator at a time lights) when the wireless signal is being transmitted and received.

NOTE: When using a dual wireless unit, make sure each microphone is set to a different channel frequency.

Replacing Transmitter Battery

Handheld Transmitter:

1. Release battery compartment cover on lower end of mic.
2. Install 2 fresh 'AA' alkaline batteries.
3. Replace the battery cover.



CAUTION: Harmful feedback may occur when walking in front of a sound system or speaker with a wireless microphone. Always point mic away from speakers.

SPECIFICATIONS

Rated power output:	80 watts @ 4Ω continuous
Max SPL @ rated power:	112 dB speech mode on 107 dB speech mode off
Batteries (two):	12 Volt rechargeable, 5.0 AH

GENERAL

Frequency response:	60 Hz-15kHz +/-3dB speech mode off +10dB from 1.5-12kHz speech mode on
Speaker type:	8" full range 2 way driver
Fuse:	1A 250V

INPUTS

Microphone inputs (two):	Lo-Z (1k Ω), balanced, Combe and 1/4" Jack 48 VDC/6.8k condenser mic power
Auxiliary (line) input:	Hi-Z (10k Ω), unbalanced, RCA

SENSITIVITY FOR RATED OUTPUT

Microphone:	-52 dBV (2.5 mVrms)
Auxiliary (line):	-14 d BV (200 mVrms)

OUTPUTS

Line output (post fader):	Lo-Z (<1k Ω), buffered, RCA
DC Output:	6 Volts DC, 250 mA max.
AC power requirements:	220 VAC, 50/60 Hz, 50 watts max
dimensions (HWD):	480X 225 X 310 MM
Weight:	16 kgs.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

Having trouble with the sound system?

Condition	Possible Cause
No sound (power LED not lit):	- power switch OFF - batteries fully discharged
Charge indicator doesn't light: No sound (power LED lights):	- blown fuse - no output from source - input cable unplugged - input volume control low or off
Shortened battery life:	- batteries not fully charged - batteries need replacement
Distorted sound:	- poor connection on input cable - input signal too strong
Excessive hum or noise:	- input cable not shielded - not using balanced microphone

Having trouble with the wireless system?

Condition	Possible Cause
No sound (TX ON indicator lights):	- wireless volume control low or off - no mic plugged into belt-pack transmitter
No sound (TX ON indicator off):	- sound system not turned on - transmitter power switch turned off - low battery or no battery in transmitter - not on same channel