INSTRUCTION MANUAL

PRODUCT REGISTRATION

Visit: www.HamiltonBuhl.com

1. Click on Customer Care
2. Click on Product Registration Icon
3. Please fill out all fields marked with * to register

VENU-80A

Portable PA Amplifier System

WARRANTY:

Warranty begins the date item ships from our warehouse. All products have a one year warranty from original date of shipment, unless otherwise noted.

1 YEAR WARRANTY

HB Hamilton Buhl®

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6. Useful Tips on Using Your Portable PA System

The Portable PA System has been designed as an all-in-one portable solution that is easy to set up and get working. In order to get the most from your Portable PA System, please follow these simple guidelines:

6.1. Charge your portable system regularly and never store in a completely discharged state.

6.2. It is important to elevate and place the speaker at an appropriate position to maximize its coverage and minimize feedback.

6.3. To avoid feedback, do not place the microphone directly in front of the portable loudspeaker.

6.4. Position the speaker in front of the microphone user so it is further towards the audience.

6.5. If your audio output quality is being spoiled by wind noise, turning the bass down will help to cut out the noise.

6.6. Do not position the PA speaker too far from the person speaking.

6.7. Practice your microphone technique. A vocal microphone needs to be held right up to the mouth. The further away the microphone is positioned from the mouth, the lower the audio output.

6.8. Always have spare AA batteries for the wireless microphone and always have a corded microphone on hand. Often, wireless microphones are left on accidentally and may not be charged, so having a corded microphone is a great backup.

6.9. Remember to charge the PA system after each use.

7. Accessories Available for Your System

7.1. Dynamic Wired Microphone

This is a necessity in case your wireless microphone has been left on accidentally and has no charge. It's also great to be able to have 2 people talk / perform at the same time.

7.2. Belt Pack Transmitter with Headset Microphone

Hands-free speech or performing / presenting. Includes basic headset microphone.

6.2. Optional Wireless Belt Pack Transmitter Specifications

Frequency	UHF 902MHz~928MHz
Spurious Emissions	>55dBm
Power Source	2 x AA 1.5V Batteries (Included)
Operating Time	Approx >6 Hours
On-board Indicators	Power Status / On / Off Switch
Weight	3.5 oz.

6.3. Headset Microphone Specifications

Microphone Type	Condenser
Frequency Range	50Hz-16KHz
Directional Characteristic	>Uni-Directional
Sensitivity	-46dB ±3dB (1V/Pa at 1KHz)
Impedance	600Ω ±30%
Output Connector	φ3.5XLR Material φ0.1" x L 3.3'
Cable Material	Black Shield Cover

1. Main Features

The range of Portable Public Address systems are the ultimate, on-the-go, take anywhere wireless solution.

- Fully self-contained all-in-one portable audio system.
- 40W max power output (20W RMS) through high performance AB amplification.
- Full range 4.5" woofer speaker.
- Sturdy, extremely durable injection molded ABS impact resistant plastic body.
- Operate using mains power or built-in 11.1V 2.2Ah lithium rechargeable battery.
- Up to 5 hours continual use on a full battery charge.
- Wireless handheld microphone and receiver included.
- Wireless belt pack transmitter with headset microphone available as an option.
- Wireless microphone operates in nationally available 902MHz~928MHz range.
- 1/4" (6.35mm) microphone input for optional corded microphone.
- Built-in Media player with USB and Secure Digital (SD) card playback. (USB for flash drives up to 16GB and SD cards up to 8GB)
- Remote control for media player.
- Aux 3.5mm input for external audio device.
- Separate microphone, media player and Aux volume controls.
- Carry handle and shoulder strap for easy transportation.
- Rotary tone and echo reverb controls.

1.1. Quick Start Guide

1.1.1. Fully charge the unit for 5 hours before first use.

1.1.2. Insert the AA batteries into the handheld wireless microphone and turn on the microphone. Adjust the level of the microphone on the control panel and also the master volume.

1.1.3. To play music or other audio either insert a USB flash driver or SD card with stored MP3 files. Or connect to any Aux device such as iPod or laptop using a 3.5mm to 3.5mm cable.

1.1.4 Charge the system after each use for optimal performance.

WARNING:

Do not connect any external device to USB slot other than USB flash memory drives. This slot is not designed to charge or connect phones or any other USB device. The voltage may damage the device.

2. Introduction and Product Specifications
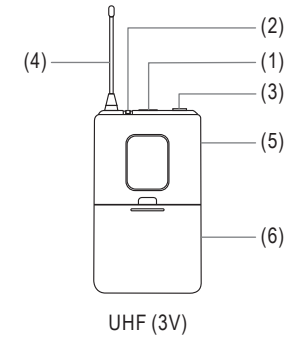
2.1. Introduction

Thank you for choosing HamiltonBuhl VENU-80A Portable PA Amplifier System. Please read this manual carefully before using and retain for future reference. Please recharge this unit every month to achieve the best battery performance.

2.2. Product Specifications

Power Output		40W MAX (20W RMS)
Frequency Response		60Hz-15KHz ±3dB
Loudspeaker		4.5" Full Range
Audio Input	Wired Mic	1 x 1/4" (6.35mm)
	Aux-in	1 x 3.5mm
Power Supply	AC	Power Adaptor
	DC & Battery	11.1V 2.2Ah Rechargeable Lithium
Wireless Microphone		Handheld (Included) or Belt Pack (Optional)
Frequency		UHF 902MHz~928MHz
Charge Time		3-5 Hours
Working Time (Depending on Volume)		3-5 Hours
Battery Indicator		Single LED
Colour		Black
Dimensions (L x W x H)		283 x 177 x 157mm
Weight		3.6 lbs.

Optional Wireless Body Pack Transmitter

5.3 Optional Wireless Belt Pack Transmitter

UHF (3V)

(1) ON / OFF Power
(2) POWER LED Indicator
(3) MIC IN
(4) Antenna
(5) Belt Clip
(6) Battery Compartment / Cover

1. Open battery cover (6) and insert 2 x AA batteries, inserting per the proper polarity indicated with + or -.
2. Turn on the POWER switch (1). The POWER LED indicator (2) turn green to indicate good battery voltage.
3. Plug in headset microphone into MIC IN (1).

5.2. Wireless Handheld Microphone Specifications

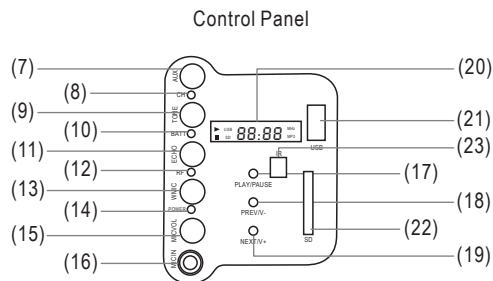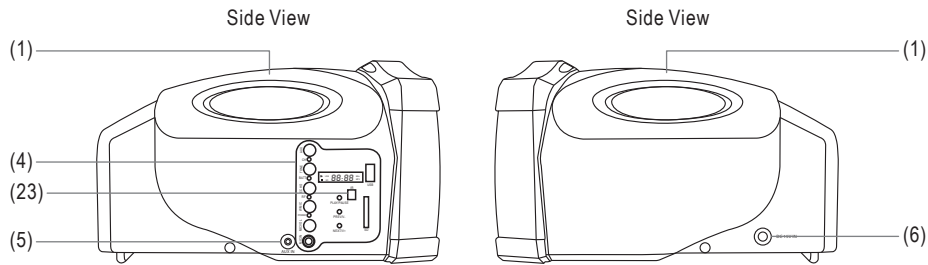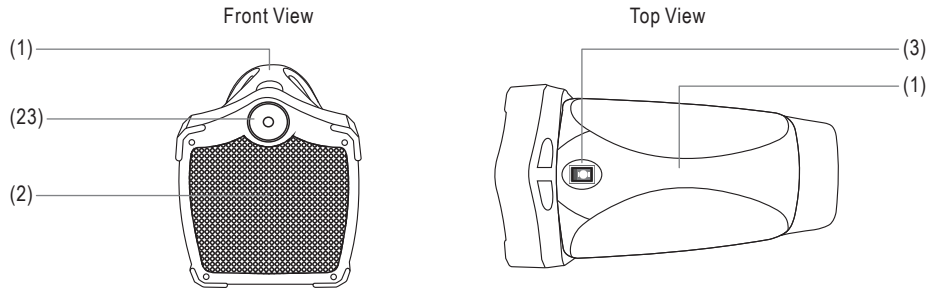|	
Microphone Type	Dynamic Handheld
Frequency	902MHz~928MHz
Spurious Emissions	>55dBm
Power Source	2 x AA 1.5V Batteries (Included)
Operating Time	Approx >6 Hours
On-board Indicators	Power Status / On / Off Switch
Dimensions	Ø 2", L 10.25"
Weight	0.36 lbs. (without batteries)

3. Important Safety Information

In the event of a technical failure, please contact the your local dealer. Unauthorized repairs will void the warranty. One receiver cannot receive a signal from two or more same frequency microphones simultaneously. Other brands of wireless microphones with different frequencies cannot be used with this system.

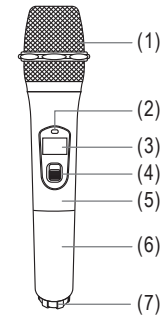|	
Do not open this product by yourself for adjustment. To reduce the risk of fire or electric shock, do not remove the cover. High voltage parts are inside.	Do Not Disassemble
To reduce the risk of electric shock, do not touch power outlet during an electrical storm. Do not touch power plug with wet hands. Do not put containers with liquids or small metal parts on the top of this equipment. Do not let metal or flammable parts drop into this equipment.	Do Not Touch
To reduce the risk of fire or electric shock from damaged power cord, do not pull power cord extremely hard when pulling out the power plug. Always grasp the plug tightly, then pull it out. Turn off the power if this equipment will not be used for a long period of time.	Pull Out AC Plug
To reduce the risk of electric shock, use the specified power voltage only. Do not expose equipment or power cord to strong sunlight or to moist or dusty conditions.	Caution
To prevent damage from impact, do not place heavy objects on top of this equipment or place on uneven surfaces.	
Fully insert the power plug into a power outlet. Please pull out power plug and contact your dealer if the following happens: ① Smoke comes out of the unit or you smell burning. ② Water or other liquid is accidentally spilled on this equipment. ③ Unit is dropped on the ground and damaged. ④ Power cord is damaged. (Cord core is exposed or cord is frayed)	Warning

4. Parts Description

4.1. Main Unit

Front View

Top View

(1)

(23)

(2)

(3)

(1)

Side View

Side View

(1)

(4)

(23)

(5)

(1)

(6)

Control Panel

(7)

(8)

(9)

(10)

(11)

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5. Wireless Transmitter

5.1. Wireless Handheld Microphone

(1)

(2)

(3)

(4)

(5)

(6)

(7)

UHF (3V)

(1) Mesh Cover and Capsule
(2) Power LED Indicator
(3) Display
(4) Power Switch
(5) Plastic Body
(6) Battery Cover
(7) Frequency Recognition Cap

1. Open battery cover (6) and insert battery (Pay attention to the positive and negative poles). Close the battery cover.

2. Turn on microphone power switch (4), power LED indicator (2) will flash once then off. When indicator (2) stays red, it indicates battery power is low. Please fully charge battery for continuous use.

3. When switching on microphone power, please operate the switch step by step. When the switch moves to the center, please leave it for at least 0.2 seconds or it may cause some noise. Then only move to on position.
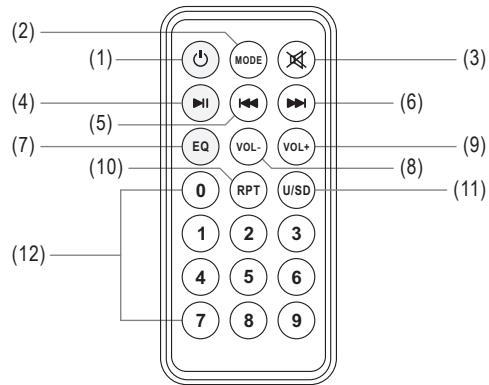
4.2. Operation Guide

1. Turn on the power of the main unit and set to appropriate volume level.
2. Set TONE and ECHO to your desired sound effect.
3. Insert USB flash drive or SD card to play audio files.
4. Connect 3.5mm audio cable into AUX to play audio files from other device such as smartphone or tablet.
5. MIC IN 1/4" (6.35mm) jack for wired microphone.

4.3. Bulit-in Rechargeable Lithium Battery

1. Features a built-in lithium 11.1V 2.2Ah rechargeable battery.
2. To maximize battery performance, complete a full charge and discharge cycle.
3. Always charge the unit when the low power LED is illuminated.
4. Make sure the power is switched off after operation. Overcharging the battery may cause damage.

(1) Carrying Handle
(2) Speaker
(3) LED Light / Power On / Off Switch
(4) Control Panel
(5) AUX 3.5mm Input
(6) DC Power In
(7) AUX Volume Control
(8) Charging Indicator
(9) TONE Control
(10) Low Power Indicator
(11) ECHO Control
(12) Wireless Receiver Indicator
(13) Wireless Mic Volume Control
(14) Power Indicator
(15) "MIC In" Volume Control
(16) 1/4" (6.3mm) Mic Input
(17) Play / Pause
(18) Previous File / Long Press to Decrease Audio Player Volume
(19) Next File / Long Press to Increase Audio Player Volume
(20) Display Window for Audio Player
(21) USB Slot (for flash drives up to 16GB)
(22) SD Card Slot (up to 8 GB)
(23) Light

Audio Player Remote Control

(2)
(1)
(4)
(5)
(7)
(10)
(12)

(3)
(6)
(9)
(8)
(11)

(1) MP3 Power Switch
(2) MP3 Mode Function
(3) MP3 Mute Function
(4) Play / Pause
(5) Previous
(6) Next
(7) EQ
(8) VOL-
(9) VOL +
(10) Repeat
(11) USB / SD Function
(12) Number Keys

Audio Player

USB	Supports MP3 / WMA USB 2.0 High Speed Playback from Solid State USB Drive up to 16GB
SD	Supports MP3 / WMA Playback from Solid State SD Card up to 8GB
On-Board Functions	Play / Pause, Prev / V-, Next / V+
Remote Functions	Power On / Off, Stop, Mute, Mode, EQ, Previous / Rewind, Next / Fast Forward, Play / Pause, Vol -, Vol +, Numeric Key
EQ Modes	Jazz, Rock, Pop, Classic

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