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3. This Limited Warranty does not cover: (a) defects or damage resulting from accident, misuse, abuse, neglect, unusual physical or electrical stress, modification of any part of the product, or cosmetic damage; (b) equipment that has the serial number removed or made illegible; (c) all plastic surfaces and other externally exposed parts that are scratched or damaged due to normal use; (d) defects or damage from improper testing, operation, maintenance, installation, adjustment, or service of the mixers; (e) crossfaders.
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### RETURN INFORMATION

A Return Authorization number must be obtained from your local Numark Representative. For your representative go to [www.numark.com](http://www.numark.com) or contact your local office listed below.

A copy of the original sales receipt must also be included for the equipment to be repaired under warranty.

The faulty equipment must be packed in its original packaging.

One additional outer layer of packaging must be included to ensure product safety. Failures to do so may inadequately protect the equipment in transit and, therefore, jeopardize the customer's warranty.

Numark will not accept COD shipments and no call tags will be issued for merchandise return.

Numark will not return repaired merchandise to customers by priority service, unless by written request at the customer's cost. Requests must be submitted in writing with merchandise returned.

The defective Numark equipment should be sent, FREIGHT PREPAID with Return Authorization number clearly printed on the outer packaging and original sales receipt enclosed to your local service center

#### USA

NUMARK INDUSTRIES  
Attention: Service Department  
11 Helmsman Avenue  
North Kingstown, RI 02852 USA

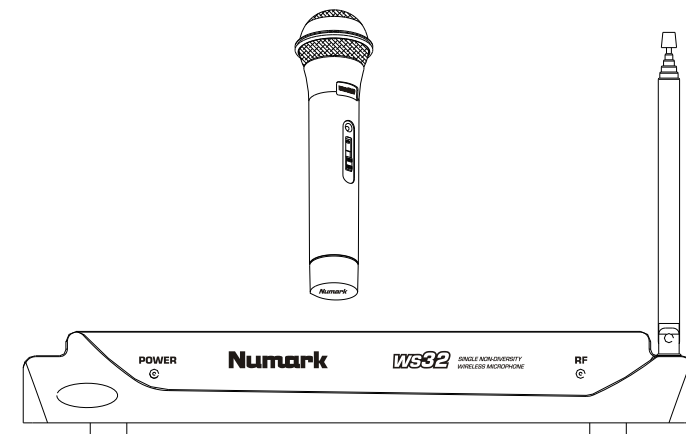
Phone: +1 (401) 295-9000  
Fax: +1 (401) 295-5200

#### UK

NUMARK INDUSTRIES  
Attention: Service Department  
Unit:9 The Christy Estate  
Ivy Road Aldershot GU12 4TX  
England

Phone: (44) 1252 341 400  
Fax: (44) 1252 353 810

## WS32 SINGLE NON-DIVERSITY WIRELESS MICROPHONE



## INTRODUCTION

Thank you for choosing the Numark WS-32 single non-diversity wireless microphone. Before use, please read this manual carefully to fully understand the proper operation of this product and get the best result.

This microphone features quartz controlled, fixed frequency VHF high band operation.

### Table of Contents

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### System Contents

1. Receiver x 1
2. Handheld MIC x 1
3. AC Adapter x 1
4. 1/4 " Signal Cable x 1
5. 9V Battery x 1
6. Users Manual x 1

## IMPORTANT SAFEGUARDS

To prevent hurt from heavy article dropping, do not put heavy article on the top of this equipment.



Forbidden

### ! CAUTION RISK OF HUMAN HEAVY INJURY OR GOODS DAMAGE IF USE IMPROPERLY

#### During Operation

Clear the dust inside regularly.

Accumulated dust inside for a long period of time is apt to cause fire. Contact Promic dealer for inside dust cleaning.



Caution

Keep power plug and outlet clean.

Power plug and outlet with accumulated dust is apt to cause fire, clean them regularly.



Caution

Insert power plug into power outlet entirely.

To reduce the risk of fire or electric shock, turn off the power and pull out the plug for safety if this equipment will not be used for a long period of time after set-up.



Pull Out  
AC Plug

### ! WARNING RISK OF HUMAN HEAVY INJURY OR DEATH IF USE IMPROPERLY

#### During Setup and Installation

To reduce the risk of fire or electric shock, do not put this equipment into water or make it wet.



Forbidden

To reduce the risk of electric shock, use only the specified power voltage.



Forbidden

To reduce the risk of fire or electric shock, do not damage the power cord or place it close to hot apparatus. Do not put heavy article on the cord.



Forbidden

To prevent damage from dropping or inclining, do not put equipment on shaking, inclining etc. unstable place.



Forbidden

#### During Operation

To reduce the risk of fire or electric shock caused by continued use when abnormality occurs, please pull out power plug and contact Promic dealer when the following happens:

1. When smoke comes out from this equipment and peculiar smell can be smelt.
2. Water or other article goes into this equipment.
3. Drop on the ground and cover is damaged.
4. Power cord damaged (core comes out or cord is broken).
5. No sound output.



Caution

## IMPORTANT SAFEGUARDS

### ! CAUTION

- ① Do not open this product by yourself for adjustment.
- ② If water goes into this product, please turn off the power immediately and send it to after-sale service department of our company for handling.
- ③ One receiver cannot receive signal from two same frequency microphones simultaneously. Other microphone with different frequency or brand cannot be used for this receiver.

### ! WARNING RISK OF HUMAN HEAVY INJURY OR DEATH IF USE IMPROPERLY

#### During Operation

To reduce the risk of fire or electric shock, do not remove the cover. High voltage parts inside. Submit this equipment to Promic dealer for examination, adjustment and repair.



Do not put vessel of liquid or small metal parts on the top of this equipment.



To reduce the risk of fire or electric shock, do not let metal or flammable parts drop into this equipment.



To reduce the risk of shock, do not touch power outlet when it thunders.



### ! CAUTION RISK OF HUMAN HEAVY INJURY OR GOODS DAMAGE IF USE IMPROPERLY

#### During Setup and Installation

To reduce the risk of electric shock, do not pull power plug with wet hands.



To reduce the risk of fire or electric shock from damaged power cord, do not pull power cord when pull out the power plug. Always grasp the plug tightly then pull it out.



To reduce the risk of fire or electric shock from damaged power cord, do not move this equipment when the AC power plug is still on.

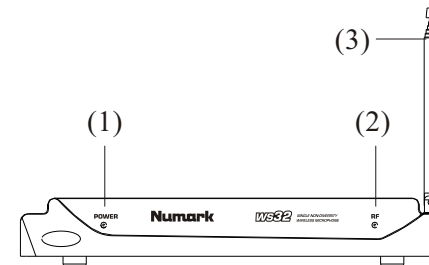


To reduce the risk of fire or electric shock, do not expose this equipment to moisture, dust and sun. Keep away from hot apparatus or place with oil, smoke and water.



## PARTS DESCRIPTION

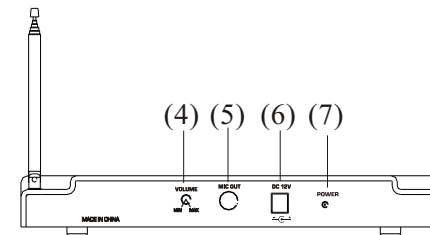
### Parts Description



### 1. Receiver

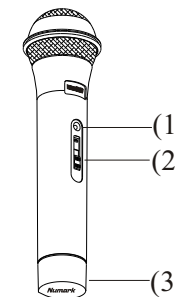
#### Front Panel

- (1) Power LED Indicator
- (2) Microphone Signal LED Indicator
- (3) Antenna



#### Back Panel

- (4) Volume Control
- (5) AF Output
- (6) DC Input
- (7) Power Switch



### 2. Microphone

- (1) Power LED Indicator
- (2) Power Switch
- (3) Battery Cover

### Features

1. Frequency Range: VHF 170~250 MHZ.
2. Frequency Stability:  $\pm 0.005\%$  quartz oscillation controlled.
3. Modulation(Max):  $\pm 30\text{KHZ}$ .
4. Frequency Response:  $50\text{Hz}\sim 18\text{KHz} \pm 3\text{dB}$ .
5. Hum & Noise:  $96\text{dB}$  min.
6. Dynamic Range:  $100\text{dB}$  min.
7. Distortion: less than 1%.

### Wireless Microphone Features and Specification

1. Antenna: built-in with noise terminator circuit.
2. Battery: DC9V.
3. Current Consumption:  $30\text{mA}$ .
4. Power Output:  $20\text{mW}$
5. Spurious Emission:  $45\text{dB}$  min.

### Wireless Receiver Features and Specification

1. Quartz controlled fixed frequency receiving mode.
2. Sensitivity:  $10\text{dB}/\mu\text{V}$  (S/N 60dB).
3. Image and Spurious Rejection: min 80dB.
4. Output: unbalanced  $0.15\text{V}$   $600\ \Omega$ .
5. Receiver System: single channel non-diversity.
6. Power Source: DC 12V.
7. Dimensions: (H)220\*(W)124\*(D)32(MM).

### Users Guide

- 1、 Insert adapter DC plug into receiver DC input jack, insert the other AC plug into AC power supply outlet (According to the sign on the back side).
- 2、 Sound Signal Output Jack: Insert one end of the cable connector plug into signal output jack at the back of the receiver and the other end of the plug into KTV or amplifier MIC-IN jack.
- 3、 Push on receiver's power switch, if power LED indicator on front panel lights, this indicates that receiver works normally.
- 4、 Insert attached 9V battery into wireless microphone's battery compartment (pay attention to the positive and negative pole), and then close the cover.
- 5、 Turn on microphone power switch, LED indicator will flash once then off, it indicates that microphone is ready to use.
- 6、 At this time receiver's RF LED indicator will light. Adjust volume control to make receiver's volume to be in normal working state. Finish test of wireless microphone.

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