



## USER GUIDE



**WLPA-35**  
PORTABLE WIRELESS SOUND SYSTEM

WIRELESS PA

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# INTRODUCTION

Thank you for purchasing a Nady WLPA-35 Wireless Portable P.A.—and congratulations on your choice. The WLPA-35 is the most affordable and compact of the popular line of Nady wireless P.A.'s. Ideal for many applications, including use in classrooms, conference/meeting rooms, churches, health clubs and small auditoriums, it is powerful, yet lightweight and easily portable. We are sure you will find this versatile system a powerful and useful tool for your presentations.

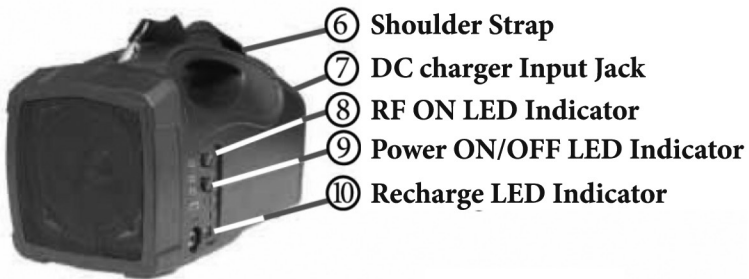
The Nady WLPA-35 includes a full-range speaker system with built-in amplifier, mixer, and high band VHF wireless receiver.

## **SPECIAL FEATURES INCLUDE:**

- Powerful 35W audio power output with 5" speaker
- 1/4" unbalanced input jack (MIC/TS) and 1/8" unbalanced output jack (AUDIO OUT), Volume, Tone controls, LED indicators
- VHF wireless system features noise reduction companding circuitry for quietest operation with a wide dynamic range
- Available with choice of 2 VHF channels for the included HT-35 Handheld Mic. (One Wireless P.A. and one HT-35 on the same channel comprises a system)
- HT-35 handheld wireless mic transmitter features a unidirectional dynamic cartridge for true, optimal sound, maximum feedback rejection and minimal handling noise.
- Powered internally with a high capacity Lithium-Ion rechargeable battery with convenient internal built-in charger unit
- Provided universal voltage 110V-240V AC adapter charger
- Small and lightweight—only 6" x 7" 11.3" (153 x 170 x 287mm) and 3.4lbs (1.5 Kg)
- Shoulder strap for easy transport

# WLPA-35 CONTROLS AND CONNECTION

1. **VOLUME CONTROL:** Controls both wired and wireless mic audio output levels
2. **TONE CONTROL:** Dial to control treble and bass
3. **AUDIO OUTPUT:** The AUDIO OUT can be connected to a recording device or the input jack of a power amplifier to further amplify and enlarge the audio.
4. **POWER ON/OFF SWITCH:** To turn the unit ON/OFF
5. **WIRED MIC INPUT:** ¼" input for hardwired MIC or other such MIC level sound source
6. **SHOULDER STRAP:** For carrying the WLPA-35
7. **DC CHARGER INPUT JACK:** For use when charging the internal batteries  
(NOTE: Do not overcharge (>8 hours) and charge the battery every 90 days if not being used.)
8. **RF ON LED INDICATOR:** Indicates reception of transmitter signal
9. **POWER ON/OFF LED INDICATOR**
10. **RECHARGE LED INDICATOR:** Battery charging monitor
11. **POWER ADAPTER**

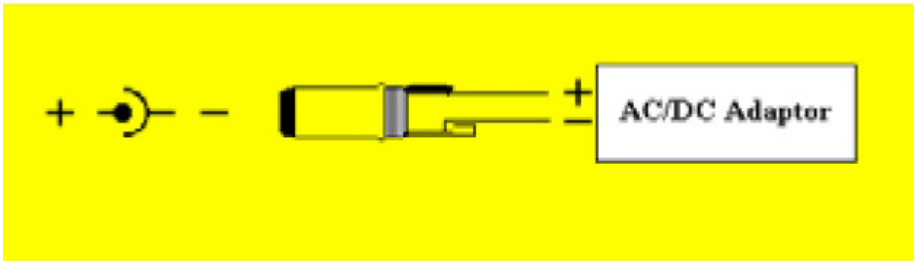


# OPERATION

## POWERING AND CHARGING THE WLPA-35

Plug the external provided AC/DC Adapter (11) into the DC Charger Input jack (7). Then plug the AC/DC adapter plug into a standard 115 VAC or 240VAC outlet (The AC adapter will detect the line voltage automatically). Turn on the unit using the Power switch (4).

(Note: To avoid damaging your unit, use only the provided AC adapter connected to the power input jack.)



1. The WLPA-35 is powered internally using the Lithium-Ion rechargeable battery pack. View the battery charging LED for the battery remaining status while the WLPA-35 is connected to AC power with the provided AC adapter. If the **Battery charging LED (10)** turns red, the battery is not fully charged and should be allowed to charge while the WLPA-35 is powered by the AC adapter. (Note: Turning off the **WLPA-35 Power switch (4)** will allow the battery to recharge more quickly.) If the **Battery charging LED indicator (10)** lights green, the battery is fully charged and ready to power the WLPA-35 alone. Shut off the **Power switch (4)** and disconnect the AC adapter. Turn the unit back "ON" and the battery will power the unit up to 3-4 hours of continuous use, depending on volume.

# OPERATION

## WIRELESS OPERATION

### HT-35 CONTROLS AND CONNECTIONS

- **ON/OFF SWITCH (13)** to power the microphone.
- **LOW BATTERY LED INDICATOR (14)** flashes once for unit “ON”; lights steady for low battery alert. At that point there will only be minutes left to replace batteries before operation ceases.

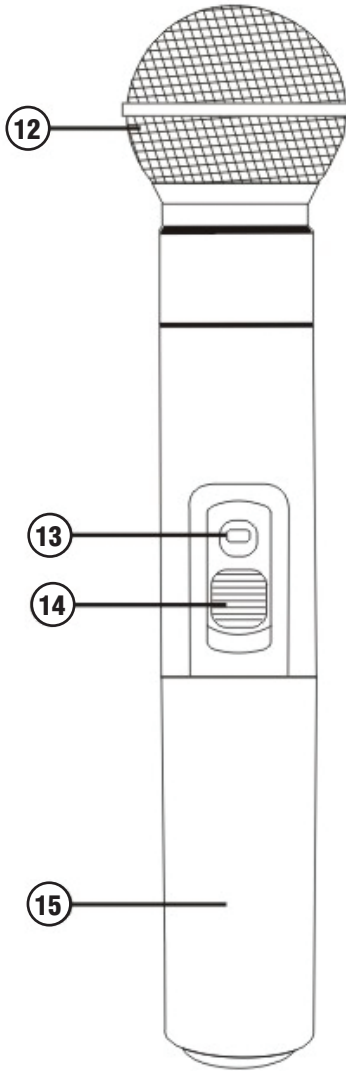
### TRANSMITTER SET-UP AND OPERATION

- Unscrew the **battery compartment cover end cap (15)** and remove, exposing the battery compartment. Insert 2 pcs fresh AA batteries, observing polarity. Re-attach the battery cover.
- Turn on the **microphone power switch (13)** on the handle of the microphone. The **battery indicator LED (14)** will light up to indicated usable battery strength. In the case of a dead or low battery, the indicator will either not go on at all or will stay on continuously, as described above, indicating a need to replace the battery. To preserve battery life, turn the transmitter off when not in use.
- The **RF ON indicator (8)** on the WLPA-35 should now be lit.
- Adjust the **MIC/TS VOLUME (1)** and/or the **TONE CONTROLS (2)** of the WLPA-35 to clockwise for the desired audio level.

## WIRED OPERATION

The WLPA-35 can be operated alone with the wireless microphone supplied, or with an additional wired mic (not supplied) if two simultaneous separate mic inputs are needed for an application. This wired input can also be used for a non-mic source, such as a CD or MP3 player, as for accompanying music. Volume and tone for the combined inputs would be adjusted as for wireless operation alone.

# WIRELESS OPERATION WITH THE HT-35



**12. MIC WINDSCREEN**

**13. BATTERY LED** - One indicator lights up to signal remaining battery life

**14. POWER ON/OFF SWITCH** - Turns transmitter on and off

**15. BATTERY COMPARTMENT** - Twist off to change ON battery

# SPECIFICATIONS

## PA SYSTEM

<b>AUDIO OUTPUT POWER:</b>	35W maximum, 4 Ohms
<b>FREQUENCY RESPONSE:</b>	150-15KHz
<b>T.H.D.:</b>	1%
<b>tone CONTROL RANGE:</b>	+/-6dB at 2KHz
<b>AUDIO OUTPUT LEVEL:</b>	775mV at 10K Ohms
<b>INPUTS:</b>	Wireless mic, Hardwired Mic with 1/4" jack for external hardwired mic, volume control

## POWER OPERATING

<b>EXTERNAL POWER:</b>	100~240VAC/50~60Hz 15VDC 1600mA AC adapter
<b>AC POWER CONSUMPTION:</b>	25 VA
<b>INTERNAL BATTERIES:</b>	Rechargeable Lithium-Ion battery, 1200mA/hr
<b>DIMENSIONS:</b>	6" x 7" x 11.3" (152 x 170 x 287mm)
<b>WEIGHT:</b>	3.4 lbs. (1.5 Kg.)

## WIRELESS SYSTEM

<b>FREQUENCY RANGE:</b>	170-216MHz, FM (3E)
<b>DISTANCE:</b>	100 ft. typical, up to 200 ft. line of sight



# SERVICE

## U.S. SERVICE

Should your Nady WLP A-35 require service, please contact the Nady Service Department via phone at **(510) 652-2411** or e-mail at **service@nady.com** for a Return Authorization (R/A) number and a service quote (if out of warranty). Make sure the R/A number and return address are clearly marked on the outside of the package, and if out of warranty, a cashier's check or money order (if not prepaid with a credit card). If within one year warranty from date of purchase, you must include proof of date and place of purchase (i.e. photocopy of your bill of sale) or Nady Systems cannot be responsible for repair or replacement., and ship the unit prepaid to:

### **NADY SYSTEMS, INC.**

Service Department  
6701 Shellmound Street,  
Emeryville, CA 94608.

Include a brief description of the problems you are having.

## INTERNATIONAL SERVICE

For service, please contact the Nady distributor in your country through the dealer from whom you purchased this product.

**DO NOT ATTEMPT TO SERVICE THIS UNIT YOURSELF AS IT CAN BE DANGEROUS AND ALSO VOID THE WARRANTY**

# ONE YEAR WARRANTY

Nady Systems, Inc. warrants to the original consumer purchaser that the unit is free from any defects in material or workmanship for a period of one year from the date of original retail purchase. If any such defect is discovered within the warranty period, Nady Systems, Inc. will repair or replace the unit free of charge, subject to verification of the defect or malfunction upon return to Nady Systems. Please do not return your Nady product to the store where it was purchased as Nady Systems handles your warranty service directly. Communication with our Service Department is the most efficient means of servicing your unit and we are dedicated to keeping you a satisfied customer.

To the extent permitted by law, any applicable implied warranties, including warranties of merchantability and fitness are hereby limited to one year from the date of purchase. Consequential or incidental damages resulting from a breach of any applicable express or implied warranties are hereby excluded. This warranty is in lieu of all other agreements and warranties, general or special, express or implied and no representative or person including a Nady dealer, agent, or employee is authorized to assume for us any other liability in connection with the sale or use of this Nady Systems' product.

Whereas some states do not allow limitations on how long implied warranties last, and do not allow exclusion of incidental or consequential damages, the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which may vary from state to state.

## **This warranty is subject to the following conditions:**

- 1) This system must have been purchased from an authorized Nady dealer and all warranty service must be performed by Nady's service department. Any service not performed by Nady will automatically void this warranty.
- 2) Items not covered: physical damage resulting from improper handling of the unit in transit from the factory by the shipper (Nady Systems is not responsible for such damage and all such claims must be made against the shipping company by the consignee); defects caused by normal wear of the product (expendable parts are typically connectors, cables, potentiometers, switches and similar components); damage or defects caused by abuse, neglect, accident, failure to connect or operate the unit in any way that does not comply with applicable technical or safety regulations, or improper repair, excessive heat or humidity, alteration or unreasonable use of the unit, causing cracks, broken cases/housings or parts; damage caused by leaking batteries; finish or appearance items; items damaged in shipment en route to Nady Systems, Inc. for repair. The warranty is null and void if any Nady serial number has been removed or defaced.

### **Consumer Alert**

Most users do not need a license to operate this wireless microphone system without a license is subject to certain restrictions: the system may not cause harmful interference; it must operate at a low power level (not in excess of 50mW); and it has no protection from interference received from any other device. Purchasers should also be aware that the FCC is currently evaluating use of wireless microphone systems, and these rules are subject to change. For more information, call the FCC at 1-888-CALL-FCC (TTY: 1-888-TELL-FCC) or visit:  
[www.fcc.gov/cgb/consumerfacts/wirelessmic\\_factsheet.html](http://www.fcc.gov/cgb/consumerfacts/wirelessmic_factsheet.html)



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