

#### Five-Year Limited Warranty

CAD Audio hereby warrants that this product will be free of defects in material and workmanship for a period of five years from the date of purchase. In the unlikely event that a defect occurs CAD Audio will, at its option, either repair or replace with a new unit of equal or greater value. Retain proof of purchase to validate the purchase date and return it with any warranty claim.

This warranty excludes exterior finish or appearance, damage from abuse, misuse of the product, use contrary to CAD Audio's instructions or unauthorized repair. All implied warranties, merchantability, or fitness for a particular purpose is hereby disclaimed and CAD Audio hereby disclaims liability for incidental, special or consequential damages resulting from the use or unavailability of this product.

This warranty gives you specific legal rights and you may have other rights that vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusions and limitations may not apply to you.

Note: No other warranty, written or oral is authorized by CAD Audio.

# **PROformance™**

*The difference is loud and clear*



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## **PDW** Digital Wireless Microphone System

### **Manual and Quick Start-up Guide**

# PDW

## Digital Wireless

### Microphone System

#### Introduction

Please enjoy the easy and exciting performance that the PDW Wireless Series provides for your next performance. PROformance has been creating valued product for nearly 20 years and prides themselves on developing and supporting the live performer. Our design criterion was straightforward. Develop a high value wireless microphone system that can cope with today's challenging RF environment that is both easy to use and exciting to operate.

#### The PDW Wireless includes the following features:

- Two discrete channels of wireless packaged in one receiver chassis.
- Each channel has RF and AF indicator lights that indicate the presence of connectivity and audio source.
- Digital modulation for optimum clarity
- Advanced dipole antenna technology for increased operating range.
- Dual output options on the receiver for maximum performance and flexibility of use.
  - Professional balanced XLRM-type discrete outputs
  - Professional balanced ¼ inch mixed output
- Handheld transmitter outfitted with on/off and mute function for flexibility of use.
- Bodypack transmitter outfitted with on/off, mute function for flexibility of use.
- Handheld transmitter features battery life indicator.
- Battery life of >10hrs.
- All Bodypack systems ship with guitar cable, condenser headworn and lav mic included.

Individuals with cardiac pacemakers and other similar medical devices should consult with their physician before using any RF devices. Though the output level of this wireless system is below 50 milliwatts, the proximity of the transmitter to the implant device could pose a threat.

As with any wireless product, environmental conditions can reduce or in some cases prohibit a successful connection between the transmitter and the receiver.

This device complies with Part 15 of the FCC Rules. Most users of our wireless products in the United States do not need a license for operation. However, the rules for unlicensed operation in this band state that this device must not operate in excess of 50mV/m and it must not cause harmful interference to other wireless devices, and must accept interference received from other devices. Wireless products meeting our factory standards adhere to these rules. The FCC reserves the right to change these rules at any time. For more information contact the FCC at 1-888-CALL-FCC (TTY: 1-888-TELL-FCC) or visit the FCC's wireless microphone website at:

[www.fcc.gov/cgb/wirelessmicrophones](http://www.fcc.gov/cgb/wirelessmicrophones)

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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## Bodypack TXBPDW Transmitter

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1. Power/Mute switch
2. TB3M-type connector receives TA3F-type terminated connection
3. Battery compartment
4. Antenna
5. LED indicator light



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## Operating Instructions

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- Insert new high quality alkaline batteries into your transmitter.
- Utilize the flexible output format of the receiver to match your application. Connect to mixer or amplifier appropriately.
- Power up the receiver.
- Power up the transmitters.
- The RF indicator light will show connectivity between the receiver and the transmitter. The AF indicator light shows the presence of an audio source.

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## Channelization

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The PDW system is available in the following frequencies:

**AA = 902.9MHz / 915.5MHz**

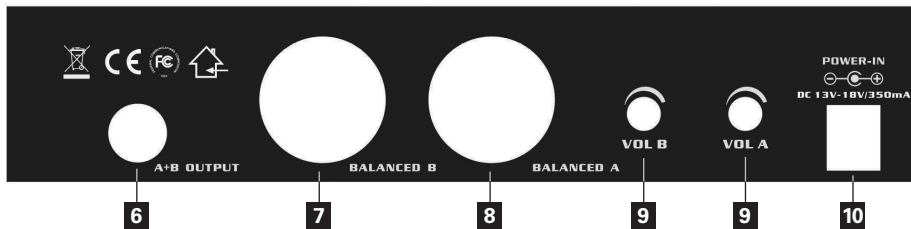
**AB = 909.3MHz / 926.8MHz**

## Receiver RXPDW

1. On/off switch
2. AF indicator light
3. RF indicator light
4. Power indicator light
5. Dipole antenna



6. 1/4 inch output mix of channels A and B
7. Balanced XLRM-type output channel B
8. Balanced XLRM-type output channel A
9. Volume Control
10. DC power jack (use supplied power adapter)



## PDW System Specifications

Sensitivity.....	-39dBV (11mV) @1Pa
Max SPL.....	136dB
System Frequency Response.....	30Hz – 15KHz
Transmitting Power.....	10mW
Modulation.....	DQPSK

## Handheld TXPDW Transmitter

1. Battery life/power indicator light
2. Power/Standby switch



**FCC Warning**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.