

# DX300 Wireless Headset System



Customer Driven



*In both All-In-One Headset and Beltpac models*

The basic DX300 five-coach system includes five headsets, three beltpacs, a beltpac battery charger, a base station and a carrying case.

## Make the Right Call

You spend hours preparing for the big game – make sure your hard work pays off. HME's DX300 Wireless Headset System keeps you and your coaches in constant touch throughout the game. It's a winning solution!

### Fast, Easy Set-Up

DX300 takes only minutes to set up on game day. No special procedures are necessary. It can be operated on electrical AC power or batteries.

### Expandable to Fit Staffing Needs

The basic DX300 system enables five coaches to converse at the same time in two-way, hands-free mode – three via wireless and two via base station. The system can be easily expanded to accommodate a coaching staff of 20.

### No Frequency Coordination Required

DX300 is designed so you can travel from game to game without concern for outside interference. Its dual-slot diversity system detects the strongest signal for clear, uninterrupted conversations.

### No Communicator Down Time

DX300 comes with a four-port battery charger and rechargeable, lithium-ion batteries that can be charged even when all your communicators are being used during the game.

## DX300 Highlights

- ✓ Hands-Free Operation
- ✓ Secure, Encrypted Communication
- ✓ No Frequency Coordination Required
- ✓ License-Free Operation
- ✓ Expands to Support 20 Users
- ✓ 4-Port Battery Charger Recharges Batteries in Less Than 3 Hours

## DX300 COMMUNICATOR® Highlights

- > **Ergonomic Beltpac**  
The smallest, most comfortable, lightweight beltpac in the industry.
- > **All-in-One Wireless Headset**  
Can be used in place of a beltpac.
- > **Rechargeable Lithium-Ion Batteries**  
Provide up to 20 hours of use with each charge.
- > **Voice Prompt**  
Informs you before your battery needs to be charged.

## DX300 Base Station Highlights

- > **Diversity Antennas**  
Detect the strongest signal for clear, uninterrupted conversations.
- > **Flexible Power Options**  
CoachCall operates on AC or six standard AA batteries.
- > **Audio Output for Game Recorder**  
Enables you to replay game communications at your post-game coaches' meeting.



## DX300 Wireless Headset System

### System Specifications

RF Frequency Range	.....2400-2483.5 MHz
Frequency Response	.....200 Hz to 3.5 kHz
Security	.....64-Bit Encryption
Temperature Range	.....-4 to 131°F (-20 to 55°C) Typ.
Transmit/Receive	.....Frequency Hopping Spread Spectrum (FHSS)
FCC License	.....None Required
FCC Acceptance	.....Part 15

### Wireless Headset Specifications

Transmit Power	.....100 mW
Antenna	.....Internal
Weight	.....5.7 oz (0.16 kg) with Battery
Battery Requirements	.....One Lithium-Ion Rechargeable
Battery Life	.....Up to 20 Hrs

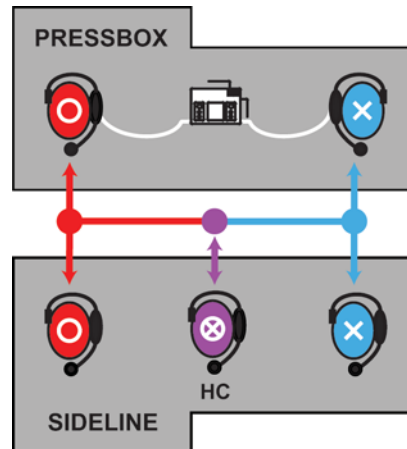
### Beltpac Specifications

Transmit Power	.....100 mW
Antenna	.....Internal, Dual Diversity
Headset Connector	.....Mini-DIN
Headset Output	.....160 mW into 32Ω
Size	.....3.4" x 2.6" x 1.5" (8.64cm x 6.60cm x 3.81cm)
Weight	.....7.4 oz (0.21 kg) with Battery & Pouch
Battery Requirements	.....One Lithium-Ion Rechargeable
Battery Life	.....Up to 20 Hours

### Base Station Specifications

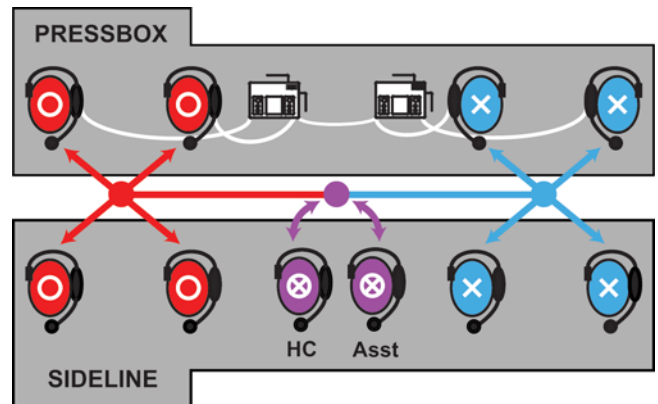
Transmit Power	.....100 mW
Antenna Type	.....External, Dual Diversity 1/2 Wave Dipole (Supplied)
Multi-Base Expansion Port	...RJ-45 Input & Output Connectors
External Audio Connectivity	..Terminal Strip
Auxiliary Input/Output	.....24KΩ/600Ω Balanced, Level Adjustable
Headset Connectors (2)	.....Mini-DIN
Headset Output	.....200 mW into 32Ω
Size	.....8" x 8" x 3.5" (20.32cm x 20.32cm x 8.89cm)
Weight	.....2.75 lb. with Battery
Power Requirements	.....100-240 VAC, 50-60 Hz, 12-14 VDC or six "AA" Alkaline Cells (NiMH Optional)

### DX300 Five-Coach System



Even with the standard system, the talk patterns can be configured to suit any number of coaching requirements. A basic Two-Up/Three-Down configuration is shown where the head coach can switch between the offense and defense.

### DX300 Ten-Coach System



As the system requirements grow, its adaptability becomes more apparent. This expanded system utilizes a Four-Up/Six-Down configuration where two coaches can switch between the offense and defense.