

DX300 Wireless Headset System



In both All-In-One Headset and Beltpac models

The basic DX300 five-coach system includes five headsets, three beltpac, 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

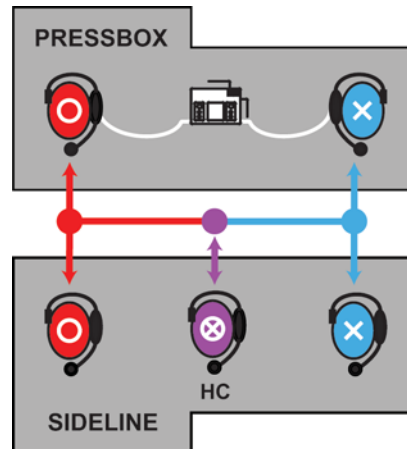
Beltpac Specifications

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

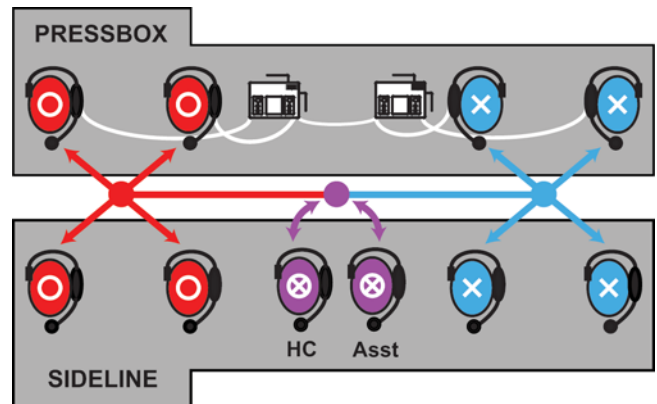
Transmit Power	.....100 mW
Antenna Type	.....External, Dual Diversity 1/2 Wave Dipole (Supplied)
Multi-Base Expansion Port	...RJ-45 Input & Output Connectors
External Audio Connectivity	..Terminal Strip
Auxiliary Input/Output	.....24KΩ/600Ω Balanced, Level Adjustable
Headset Connectors (2)	.....Mini-DIN
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.