

HYPER



DX300 Wireless Headset System



HME[®]

Customer Driven



DX300 Wireless Headset System



All-In-One Headset

“ The HME DX300 system is easy to use, clear and hassle free. Communication between coaches is simple. You don’t have to fumble with any buttons, which allows a coach to coach. ”

Tony Corley
San Pasqual High School
Escondido, CA



DX300 Highlights

- > Fast, Easy Set-Up
- > Superior Sound Quality
- > Hands-Free Operation
- > Expandable up to 20 Coaches
- > No Frequency Coordination Required
- > Secure, Encrypted Communication
- > Four-Port Battery Charger
- > Rugged, Ergonomic Design

DX300 is the *right* choice for your strategic field communication.

You spend hours preparing for the big game – and with the HME DX300, you can be sure that your hard work and skillful preparation are rewarded on the field. The DX300 Wireless Headset System provides clear, secure, two-way sideline and press box communication for up to 20 coaches in a cost-saving, price-performance package.



DX300 SYSTEM HIGHLIGHTS

- **Fast, Easy Set-Up**
The DX300 takes only minutes to set up on game day. No special start-up procedures or complex antenna set-up is necessary.
- **Superior Sound Quality**
The DX300 digital technology offers superior sound clarity to ensure that your instructions are clearly heard above the crowd noise.
- **Expandable, Hands-Free Operation**
The basic DX300 system enables five coaches to communicate in two-way, hands-free, "two up/three down" configuration – with two coaches connected to the base station and three on wireless COMMUNICATORS®. The DX300 can be easily expanded to accommodate a staff of 20 coaches.
- **No Frequency Coordination Required in Any Location**
The DX300 design allows you to travel from game-to-game without losing communication due to local interference.
- **Secure, Encrypted Communication**
Digital frequency hopping spread spectrum (FHSS) coupled with 64 bits of encryption prevent opposing teams, even other HME DX300 systems, from eavesdropping on your conversations.
- **No COMMUNICATOR® Down Time**
The DX300 comes with a four-port battery charger and rechargeable, lithium-ion batteries that charge in less than three hours, while your COMMUNICATORS® are in use during the game.
- **Rugged, Ergonomic Design**
Mix and match two types of COMMUNICATORS® with the DX300 – the ultra-compact, lightweight belt pac worn at the waist and the all-in-one wireless headset. The belt pac design is tough enough to handle even the worst case of the 'drops.'

DX300 BASE STATION HIGHLIGHTS

- **Dual-Slot Diversity**
The MB300 base station transmits the audio signal twice at different times and frequencies and selects the strongest signal for uninterrupted communication.
- **Flexible Power Options**
The MB300 base station operates on 100-240 VAC (50-60 Hz), 12-14 VDC, 1.5V AA batteries or an optional rechargeable BAT850 battery.
- **Easy System Expansion**
The base station interface allows you to easily connect multiple MB300 base stations to accommodate additional coaches.
- **Audio Output for Game Recorder**
Capture game communication on your audio or video recorder for replay at your post-game coaches' meeting.

DX300 COMMUNICATOR® HIGHLIGHTS

- **Ergonomic Beltpac**
The BP300 is the smallest, most comfortable and lightweight belt pac in the industry, weighing only 7.4 ounces.
- **All-in-One Wireless Headset**
You can use the WH300 wireless headset instead of a belt pac, and be free from a headset cord.
- **Twenty Hours of Use**
Rechargeable lithium-ion batteries provide up to twenty hours of COMMUNICATOR® life on a full charge.
- **Voice Prompts Alert You to System Conditions**
Communicator voice prompts alert you to a variety of set-up and operating conditions including low battery, out-of-range and audio level settings.

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 ½ Wave Dipole (Supplied)
8-Wire I/O Base Interface	RJ-45, 600 Ohm Balanced, Fixed Level
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. (1.25 kg with Battery)
Power Requirements	100-240 VAC, 50-60 Hz, 12-14 VDC, Six 1.5V AA batteries BAT850 Rechargeable Battery (optional)

Optional Accessories

HS14D Headset	Double muff, noise-canceling with uni-directional electret microphone.
AC850 Battery Charger	Four-port battery charger for the BAT850 battery, power supply, cord and manual.
BAT850 Rechargeable Battery	7.2V 2300 mAH NiMH rechargeable battery pack for the base station.
Headset Extension Cable	Six foot headset extension cable for HS14 and HS14D headsets.
6 Ft. Remote Antenna Kit	Six foot cable with right angle bracket for remoting base antenna.
30 Ft. Remote Antenna Kit	Thirty foot cable with right angle bracket for remoting base antenna.

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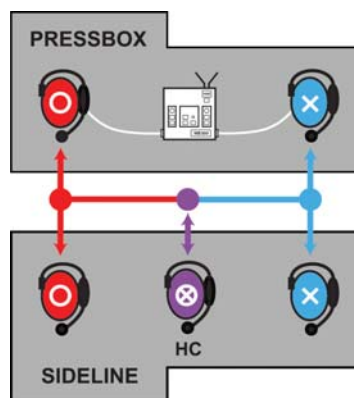
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SUPERIOR SUPPORT AND SERVICE AGREEMENTS

HME offers the most comprehensive support and service agreements in the industry. You benefit from toll-free technical support, quick turnaround, HME factory parts and workmanship, rigorous product testing and free return shipping.

The HME Service Agreement enables you to get the most from your equipment investment without getting bogged down in maintenance details. One low fee covers your entire system. With our 24/7 technical support, HME can typically solve your problem over the phone. If we cannot resolve the issue by phone, we ship fully refurbished emergency equipment directly to your door. The HME Service Agreement also includes an annual re-conditioning program that allows you to send in your equipment for a tune-up once a year at no charge. Ask us today about the HME Service Agreement.

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. The DX300 can be easily expanded to accommodate a staff of 20 coaches.

For more information on the HME DX300 Wireless Headset System call (800) 909.6604 or visit www.hme.com/procoach.cfm

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