

**BetterMAN**  
Noise Cancelling Bluetooth Headset






**BetterMAN CNH3**  
**Battlecard-EN**

V1.1



www.richvoice.com

**Technical Specification Comparison**

Feature / Model			
Bluetooth Version	BetterMAN CNH3 5.0	Honeywell SRX3 5.0	Zebra HS3100 3.0
Noise Cancellation	Dual Mic + Neural Network (~55%). With an immunity exceeding 11dB	Sound Sense (~50%)	Passive (~10 dB)
Humidity	5%-95% non-condensing	5%-95% non-condensing	5%-95% non-condensing
Max Battery Life	21 hours (normal temp)	20 hours (dry)	15 hours
Min Operating Temp	-30°C	-30°C	-30°C
Drop Resistance	2.2m: 13drops 1.9m: 25drops	2.1m : 12drops 1.8m : 24drops	1.8m
IP Rating	IP54 (with battery)	IP54 (with battery)	IP67
Android Compatibility	HFP + QR Quick Connect +NFC	HFP + NFC	HFP+NFC
Weight (with HeadBand)	185g (including battery)	195.4g(including battery)	115g(including battery)
Wearing Options	Headband / Cup/ Hard Hat Mount	Headband / Cup / Hard Hat Mount	Headband/Neck
Optional Accessories	Up to 15 Optional Accessories (Battery, Eight Battery Charger, Hard Hat Site Clip, Microphone Caps...)	About 12 Optional Accessories	About 6 Optional Accessories
Customer Cases	Magnit, DA!, Unilever, Verny, City'super, Carrefour, Maersk, WDS, Taweekit	\	\



## Six Key Advantages of BetterMAN CNH3

### Exceptional Dual-Microphone Noise-Canceling Technology

BetterMAN SoundClear Technology: Leveraging a **neural network chip** combined with **dual-microphone detection**, it can detect and reduce **up to 55%** of interference noise, significantly enhancing voice recognition accuracy and audio clarity.

### Multi-Shift Friendly Replaceable Microphone Windscreen

Designed for shared use across multiple shifts, the CNH3 features an **easy-to-replace microphone windscreen**. It **promotes hygiene** and **safe equipment** sharing, ideal for high-rotation teams in warehouses and factories.

### Instant Pairing Deep Android Compatibility + NFC+ QR Quick Connect

Built-in HFP client support ensures seamless integration with Android infrastructure. Supports **NFC** tap-to-pair for fast and simple operation.

The exclusive QR code sharing enables near-instant pairing, reducing deployment time by **over 80%**, and requires no technical training for frontline workers.

### Built for Harsh Environments Rugged Durability + Mute Button

The CNH3 features a reinforced internal structure and impact-resistant housing. The CNH3 with Head-Band weighs **only 185g** (including battery) and passes **2.2-meter drop** tests. It also supports a convenient press-to-mute function, allowing operators to temporarily speak with others without interrupting their tasks — enabling true **24/7** continuous operation.

### Versatile Accessories More Options, More Flexibility

The detachable core electronics module enables device sharing among multiple workers. A **wide range of accessories** supports personalized headband and helmet-mount configurations, allowing easy replacement and customization. Compatible with both standard headbands and hard hat clips, CNH3 adapts to diverse job roles and significantly **reduces total cost** of ownership for enterprises.

### Extreme Environment Reliable in Any Condition

Designed to withstand high-noise and extreme temperatures: Up to 11 hours battery life in cold storage (as low as **-30°C**).

Up to **21 hours** in standard conditions IP54-rated for use in cold chains, outdoor logistics, hot warehouses, and more.