



Xtalk Master

World's 1st Full Duplex Wireless Intercom with Mesh Talk™
Connect and Talk



-  True Master Free™ with Mesh Talk™
-  Effective Group Management
-  500m Range
45ms Latency
-  Dual-Band
Anti-Interference
-  15H Runtime &
Swappable Battery
-  All-in-One
App Control
-  Instant
Power-On & Talk
-  AI 40dB Noise
Cancellation
-  Communication
& Monitoring
-  40-User Xstation
Expansion

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The SYNCO Xtalk Master is a next-generation wireless intercom system engineered specifically for massive, multi-departmental collaborations. Driven by our proprietary **Mesh Talk™ architecture**, it pioneers a true **Master Free™ decentralized network**, supporting seamless full-duplex communication for up to 40 users. By integrating an effective grouping management mechanism and Xstation expansion, Xtalk Master empowers leaders to toggle between groups instantly and command with precision. This effectively solves critical pain points in film sets, sports broadcasting, and live events—eliminating command chain confusion, signal interference, and equipment clutter.

Beyond its flagship performance—featuring a 500m stable range, ultra-low 45ms latency, and AI-powered 40dB noise cancellation—the system offers rock-solid reliability through dual-band redundancy and a centralized All-in-One App. From instant "Power-On and Talk" connectivity to the seamless integration of monitoring and communication in a single headset, Xtalk Master merges unparalleled efficiency with dynamic resource deployment. It is the ultimate core equipment for professional crews demanding peak operational precision.



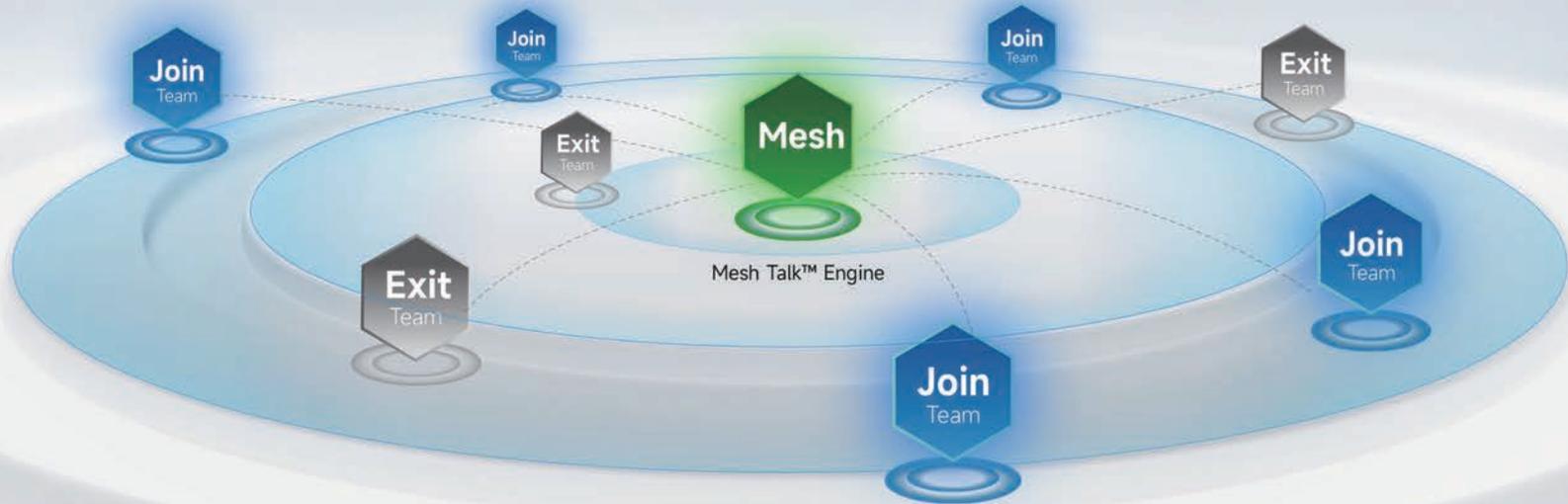
Product Specifications

Wireless Technology	Digital 2.4GHz	Charging Time	About 2.5H
Transmission Mode	Full-Duplex	Frequency Response	150Hz-7KHz
Operating Range	500m (LOS)	One-Click Noise Cancellation	✓
Frequency Band	2.4GHz	Signal-To-Noise Ratio	≥ 65dB
Latency	About 45ms	Distortion	<1 %
Approximate RF Sensitivity	<-90dBm	Microphone Type	Condenser Microphone
Radio Output Frequency	20dBm	Max Input Sound Pressure Level	>115dBSPL
Power	USB-C DC 5V	Output Sound Pressure Level	Typical 98+3dBSPL (at 94dBSPL 1KHz)
Battery Capacity	1050mAhAhLi-ion Battery	3.5mm Input	√(Available for Monitoring)
Working Time	15H	Temperature Range	0~+45°C (Working Status) -20~+60°C (Storage Condition)

True Master Free™

40 Users Team Communication

Powered by Mesh Talk™, a self-healing network connects up to 40 users instantly—no master device, no single point of failure.



• Effective Group Management

Custom group setup with instant channel switching—each team stays focused, connected, and interference-free.



- 500m Stable 45ms “Zero” Latency
- Dual-Band · Dual Antenna
- 15H Runtime Swappable Battery Design
- Real-Time Management in App
- Power On and Auto Connect
- 40dB AI Noise Cancellation
- Monitoring & Communication in One Headset
- XStation for 40 Users (*20 Users per XStationDual-Station Linkage)