Audio Intercom System For Anechoic Chambers

1. Product Description

The audio call and monitoring system is specifically designed for anechoic and shielded room environments, providing sound monitoring and intercom communication with strict adherence to EMC testing requirements. This system features advanced electromagnetic shielding, optical fiber signal transmission, and a highly immune pickup unit, ensuring clear communication without EMC noise interference and excellent immunity to external disruptions.

2. Typical Applications

- Anechoic chamber
- Shielded room

3. Product Features

- High-fidelity audio with zero background noise.
- Two-way intercom functionality, prioritizing the high-fidelity transmission of sounds from the chamber to the control room while ensuring clear communication from the control room to the chamber without feedback or squealing.
- Superior performance compared to mainstream audio intercom systems for anechoic chambers, at a significantly lower cost than similar products.

4. Technical Data

Name	Specifications
Pickup	EMC high-sensitivity microphone is used
	Metal appearance, better heat dissipation, compact size
	Dynamic range 94dB
	The audio transmission distance is 3000 meters
	Frequency response 20Hz-20kHz
Loudspeakers	The effective frequency is 90dB
	Undistorted power 15W
Photoelectric conversion configuration box	High transmission rate optical conversion
	Volume: 215*148*85 mm
	Weight: 2 kg
Audio System Controller	High transmission rate optical conversion
	19-inch 2U standard chassis
	Interface: optical fiber, 3.5 audio jack
	Power 100W
Hi-fi speakers	Frequency response 56Hz-22kHz
	The total power is 80W
	The crossover point is 2.8kHz
	Size: 318*213*249mm
Microphone	All-metal imported capsule
	Vocal standard restoration
Single-mode fiber (interface included)	62.5U fiberglass
	Length: 25m
	ST-ST connector

Audio System Controller and Microphone

Pickups and stands

Hi-fi speakers

Loudspeakers

Photoelectric conversion configuration box

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