

World Changes, Clearness Remains

F/6, Block A, Minlida Building, Honghualing Industrial Park,
1189 Liuxian Avenue, Nanshan District, Shenzhen 518055, China.

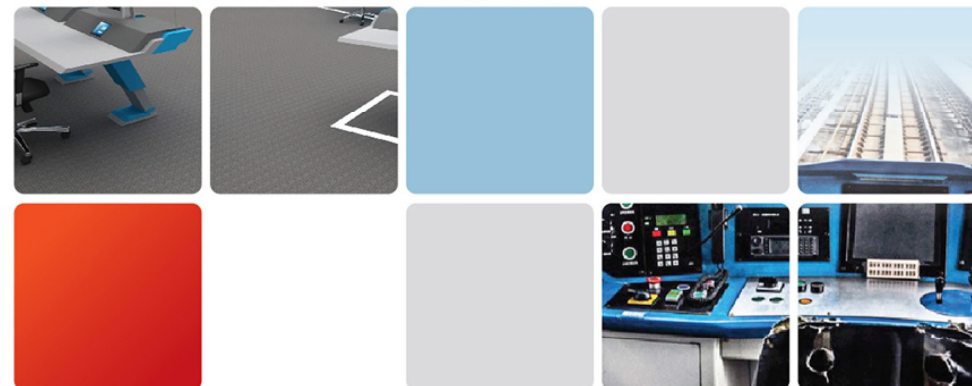
TEL: +86 (0)755 83645483 83281005
FAX: +86 (0)755 83281538
E-mail: info@cxd.com.cn export@cxd.com.cn



www.cxd-radio.com



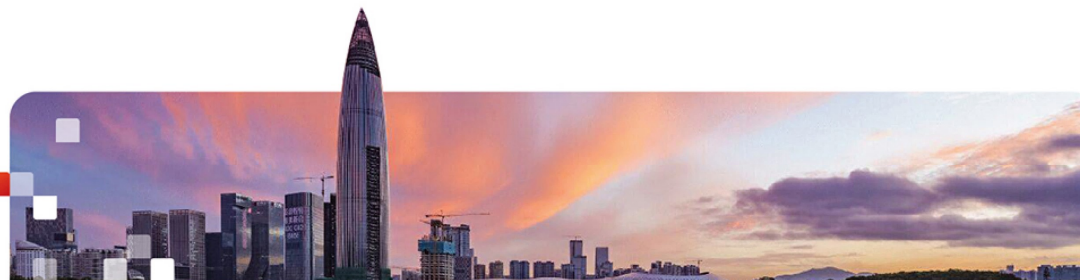
CXD[®]
Quality Products · Excellent Service



PROFESSIONAL PROVIDER FOR
WIRELESS
COMMUNICATION
ACCESSORIES & SERVICE

SHENZHEN CXD SCIENCE & TECHNOLOGY CO.,LTD.

ABOUT US



CXD was founded

2002

CXD started to explore international market

2004

CXD Factory was established

2006

CXD R & D center was established

2012

CXD products and services cover more than 60 countries and districts all over the world

2019

CXD was founded in July 2002. It mainly engages in provision of wireless communication solutions as well as R&D, production, sales and services for advanced accessories. The products include audio accessories, battery packs and chargers for most world-class brand communication equipment and apply to Public Safety, Navigation, Industry, Aviation, Commercial and urban rail transport.

CXD VISION

To be a century enterprise of integrity and pragmatism.

CXD CORE VALUE

Integrity management, pragmatic development, to fulfill commitments to customers, partners and ourselves.

CXD OPERATION PHILOSOPHY

Quality products, excellent service

CXD STRATEGIC OBJECTIVE

To be the world leading supplier and provider of professional communication accessories solutions and service.

CXD MISSION

Improve products continuously and optimize customers' communication experiences;
Scout and value talents and let staff have the sense of satisfaction;
Offer opportunities of creating and realizing wonderful dreams to shareholders and staff;
Hold staff together to create and harvest bright future.

CERTIFICATION



CXD factory has passed ISO9001, ISO14001 management system certification and products have passed REACH, RoHS and CE, certification.

CXD implements strict internal quality control system to redound upon users with excellent quality.

REACH RoHS  

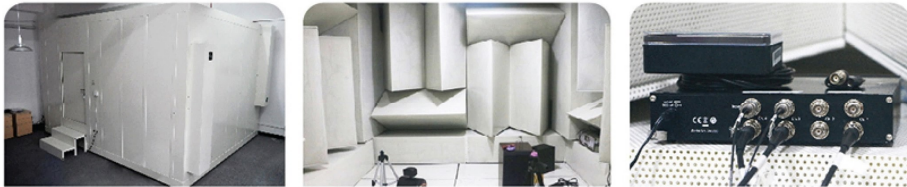
INTELLECTUAL PROPERTY

CXD always adheres to the principle of "Quality Products • Excellent Service". It is striving for customer's highest satisfaction by providing products of maximum reliability together with high-class services.



R&D

CUTTING-EDGE R&D EQUIPMENT



CXD has strong development capability in audio, battery and charger. In order to improve technology innovation, product development and quality, CXD brings in a series of verification and testing equipments from home and abroad.



CXD has high-end acoustic laboratory (anechoic room) and imported professional testing equipments.

TECHNOLOGY RESEARCH

The R&D team of CXD occupies 20% of its total number of employees. This team, including a group of young and middleaged scientists, masters, bachelors and other researchers, is one of the high-tech talent team with the largest number of R&D personnel and the strongest R&D strength in wireless communication accessories area in China.



AUDIO

Dispatcher Station Microphone	05
Bluetooth Series	10



Dispatcher Station Microphone

Desk-top microphone

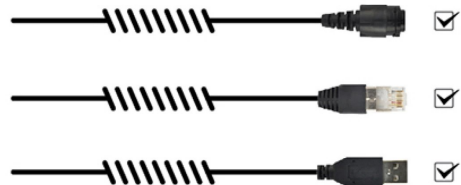
FEATURES **DM-100/DM-100S**

- Desk-top microphone for digital or analog mobile radio
- With programmable button for extra function
- Dual PTT design, easy for hands held or desk top use
- Ideal for control center, dispatcher and other indoor use

PARAMETER		
Working Temperature		
-20°C ~ 55°C		
Microphone	Sensitivity	-27±3dB
	Voltage	1-10V
	Directivity	Omnidirectional
	Material	PU(Jacket)
Cable	Diameter	OD:4.5mm
	Compatible Connector	RJ45/MT/USB



CONNECTOR LIST FOR DIGITAL TERMINALS



Goose-neck microphone

FEATURES **DM-160**

- Goose-neck microphone for digital or analog mobile radio
- Adjustable microphone for different height or angel usage
- With PTT locking button, hands-free operation
- Metal stand, strong and robust
- Anti-interference microphone, clear and clarity
- Ideal for control center, dispatcher and other indoor use

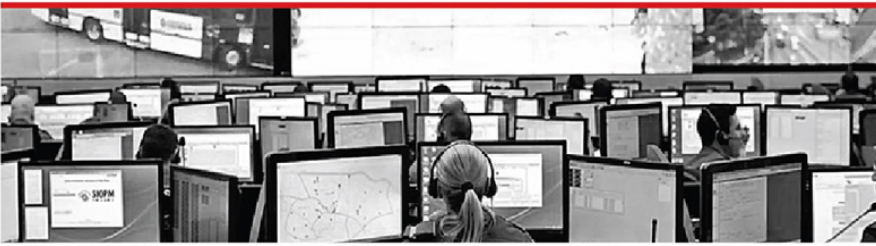
PARAMETER		
Working Temperature		
-20°C ~ 55°C		
Microphone	Sensitivity	-27±3dB
	Voltage	1-10V
	Frequency Range	20Hz~20KHz
Compatible Connector		
RJ45/DIN5/RJ50/USB		



- Omnidirectional**
Sensitivity: -27±3dB@1kHz(0dB=1V/Pa)
Resistance: ≤2.2KΩ
- Unidirectional**
Sensitivity: -47±2dB@1kHz(0dB=1V/Pa)
Resistance: ≤2.2KΩ



- PTT locking switch**
Switch lifecycle: More than 50k cycles
- LED status indicator**
- Push-To-Talk button**
PTT lifecycle: More than 300k cycles



Dispatcher Control Handset

FEATURES GM-500

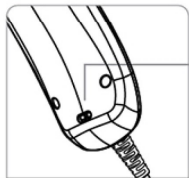
- Telephone-style microphone with side, easy for operation
- Volume +/- button, record the volume level of latest setting
- With Hoare sensor, more reliable
- For digital or analog mobile radio
- With loud and clear audio
- Strong and robust housing

PARAMETER		
Working Temperature	Sensitivity	-20°C ~ 55°C
	Resistance	-38±3dB
Microphone	Voltage	1-10V

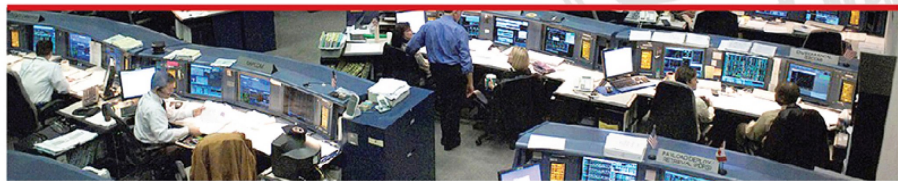


With detection holder

Speaker
Sensitivity: 106±3dB@1kHz
Resistance: 8Ω



Omnidirectional Mic
Sensitivity: -38±3dB@1kHz(0dB=1V/Pa)
Resistance: ≤2.2KΩ



Loudspeaker

FEATURES VS410/ VS810

- Easy identified in a noisy environment with clear audio and mid range tweeter enhancement.
- Fairly reliable speaker which passed 96 hours Full Power test.
- High quality housing, fire and heat resistance, long life in insolation.
- Adjustable mounting rack fits for different installation requirements.

PARAMETER			
Size	88*74*45mm	Speaker	Φ57mm/Dynamic speaker
Weight	240g	Speaker Power	Rate 3W, Max 5W
Cable length	3000mm	Impedance	4Ω±15%@1KHz (VS410) 8Ω±15%@1KHz (VS810)
Flame Retardant	UL94-V0		
Work Temperature	-20 °C - 65 °C		
Storage Temperature	-40 °C - 85 °C	Sensitivity	85±3dB At 1000,1200,1500,2000Hz Avr



INSTALLATION INSTRUCTION



CE RoHS REACH Warranty : 1 Year

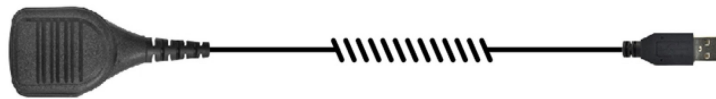
Digital Handheld Speaker Microphone



PARAMETER HM-220U

Working Temperature		-20°C ~ +55°C
Microphone	Sensitivity	-42dB±3dB @1kHz,2V
	Voltage	1-10V
	Resistance	≤2.2KΩ
	Directivity	Omnidirectional
	Dimension	6.0*2.7mm
	Current	≤500uA
SNR		60dB (f=1KHz,Pin=1Pa)
Voltage Step-down Characteristics		-3dB (f=1KHz,Pin=1Pa, Vs=2.0→1.0V)

Working Temperature		-20°C ~ +55°C
Speaker	Sensitivity	90dB±3dB(0.3m/2w) at 1000Hz
	Rated Resistance	8Ω±15%
	Input Power	Rated: 2W Max: 2.5W
	Distortion	Less Than 5% at Rated Power Input 1000Hz
	Dimension	45*10mm
	Magnet	18*4.5mm Nd-Fe-B
Life test		96H at 2W White Noise
Minimum resonant wave number		470Hz±20%



Available System

WIN7 system(32 bit, 64bit) WIN10 system(32 bit, 64bit)

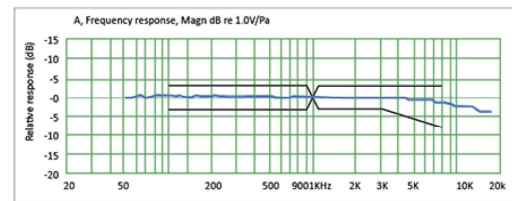
PTT Communication Mode

Common USB/HID Profile

360 degree rotatable belt clip



Microphone frequency response curve



Bluetooth Series

FEATURES

- Light weight, interchangeable rubber coated button
- Easy to mount to the finger, handlebars, rifle barrel, steering wheel or any other convenient location
- IP56 water/dust proof
- UL94-V2 compliance, fire retardant and heat resistance
- A rechargeable, long lasting battery is included
- Status LED flashes to indicate the current status of pairing
- Automatically re-connection the next time when PTT and adaptor are turned on
- Requires a wireless adaptor (sold separately) and headset (not included.)

WAD-3600 Bluetooth Receiver



Hirose quick disconnect jack

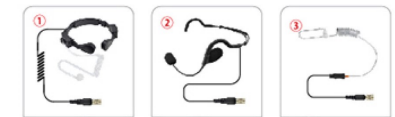
Pair button

Status LED

WORK FOR

- DP3400 DP3600 DP4400 DP4600 DP4800
- APX4000 APX6000
- XiRP8200 XiRP8208 XiRP8260 XiRP8268
- XPR6300 XPR6350 XPR6500 XPR6550 XPR7300

OPTIONAL ACCESSORIES



WF-200 Bluetooth PTT



PTT & Status LED

Micro USB