

Trunked Communication System
Type **QH-1327**



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► General Description

QH-1327 Trunked Communication System features multi-function and stability, as well as reliability and convenience of upgrading and maintenance. The system is able to meet the increasing demand of various private network users for wireless dispatching.

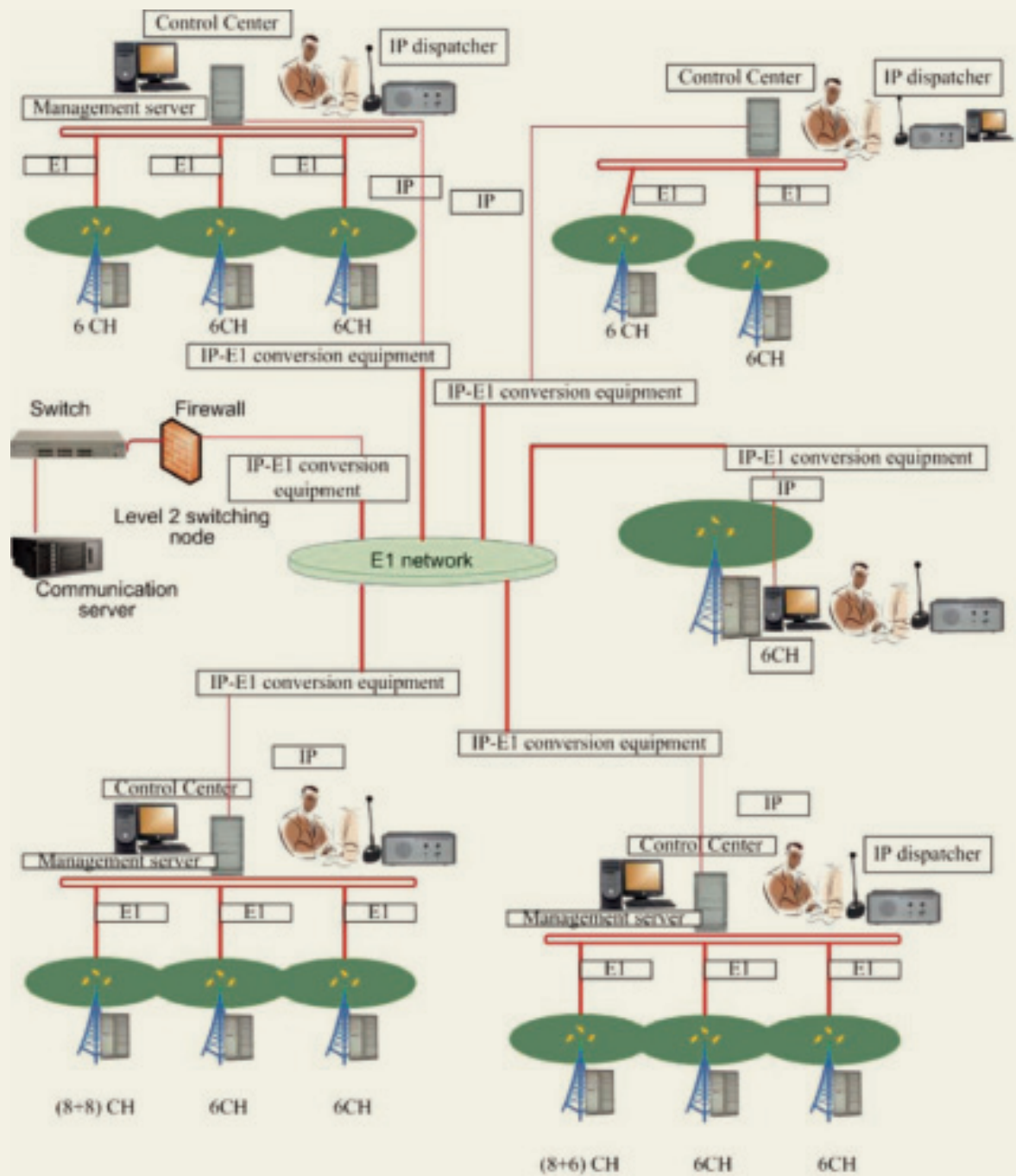
QH-1327 Trunked System, which contains the excellence of other MPT1327 Trunked Systems, has many advantages such as rich functions, good stability and reliability and ease of upgrading and maintaining. The system could meet the increasing demand of various private network users for wireless dispatching.

QH-1327 Trunked System adopts standard MPT-1327 signaling, and is compatible with MPT-1343/CPSX Performance Specification. The system can work under any channel of the UHF (select site and units in corresponding different frequency band). Any other brand MPT units, which reach the standard of MPT-1327 signaling, can work in the QH-1327 network. At the same time, because of the adoption of advanced technology of multi-zone and multi-sites, a special commanding and dispatching trunking network covering the whole province can be set up to provide users with convenient, fast and reliable roam service.

Hardware of the system is modularized designed for easy maintaining and upgrading. The MMI of the system software caters to different users' requirements.

Computer network technology is adopted in system monitoring and management so that high efficient, reliable and convenient management architecture is established. The C/S structure provide extreme convenient network interface for integrating the trunked system and other systems.

All in all, QH-1327 system has been widely used in areas of public security, army, railway, water conservation, seaport, factory and city emergency system, etc. In addition, QH-1327 is a ideal choice for establishing a wireless commanding and dispatching system of private network users.



Trunked Communication
System
Type **QH-1327**



► Principal Data

General

Frequency Range

Channel Capacity

Group Capacity

Channel Spacing

Bandwidth Wide

Bandwidth Narrow

Operating Voltage

Current Drain

Stand by

Receive

Transmit

Frequency Stability

Operating Temperature

Antenna Impedance

Dimensions (W × H × D)

Weight

UHF

350 ~ 400 MHz

256

256

25/30 KHz

12.5/15 KHz

13.6 V DC ± 15%

0.5 A

< 2.0 A

< 8 A (25 W)/< 12 A (45 W)

± 2 ppm

-30 ~ +60

50 Ω

164 × 180 × 48 mm

1.9 Kg

Transmitter

RF Output Power

Modulation

Spurious and Harmonics

FM Noise

Audio Distortion

25 W/45 W

F3E

80 dB

48/42 dB

≤ 3%

Receiver

Sensitivity (wide/narrow)

Selectivity (wide/narrow)

Intermodulation (wide/narrow)

Spurious Response

S/N (wide/narrow)

Internal Audio Power Output (rated)

External Audio Power Output (rated)

0.28/0.35 μV

75/65 dB

70/65 dB

80 dB

48/42 dB

5 W (distortion < 10%)

3 W (distortion < 3%)

13 W (distortion < 5%)

12 W (distortion < 3%)

Advanced Mobile Radio
Type **TM-800**



Advanced Mobile Radio Type **TM-800**



► General Description

TM800 radio is a powerful product with wide band coverage, which will be able to meet various requirements of customer.

► Principle Data

VHF: 136 ~ 174 MHz

UHF: 350 ~ 400 MHz 400 ~ 470 MHz 440 ~ 490 MHz 450 ~ 512 MHz 480 ~ 526 MHz

► Feature and Function

- The remote control can be mounted on the dashboard without the radio chassis.
- User can edit messages via keypad microphone, and store messages via programming software. Messages can be sent via control center, or sent between radios directly.
- Provides enhanced security for important public safety and private security communications.
- Provides extension port for external unit including voice scrambler, GPS, data transmitter and so on

Trunking Portable Radio
Type **TC-780**



Trunking Portable Radio
Type **TC-780**



► Main Features and Functions

- Compact size and light weight
- Safety Check
- Power on Password
- Shock proof performance
- Scrambler/Digital Encryption (Optional)
- SmarTrunk™
- GPS Microphone

Portable Cellular Phone Signal Blocker
Type **MPB-150B**



Portable Cellular Phone
Signal Blocker
Type **MPB-150B**



► General Description

Cellular phone signal blocker adopts our new and unique comb-form spectrum jamming technology, which possesses independent intellectual property, to interfere all existing cellular signals and block all cellular communications.

► Features

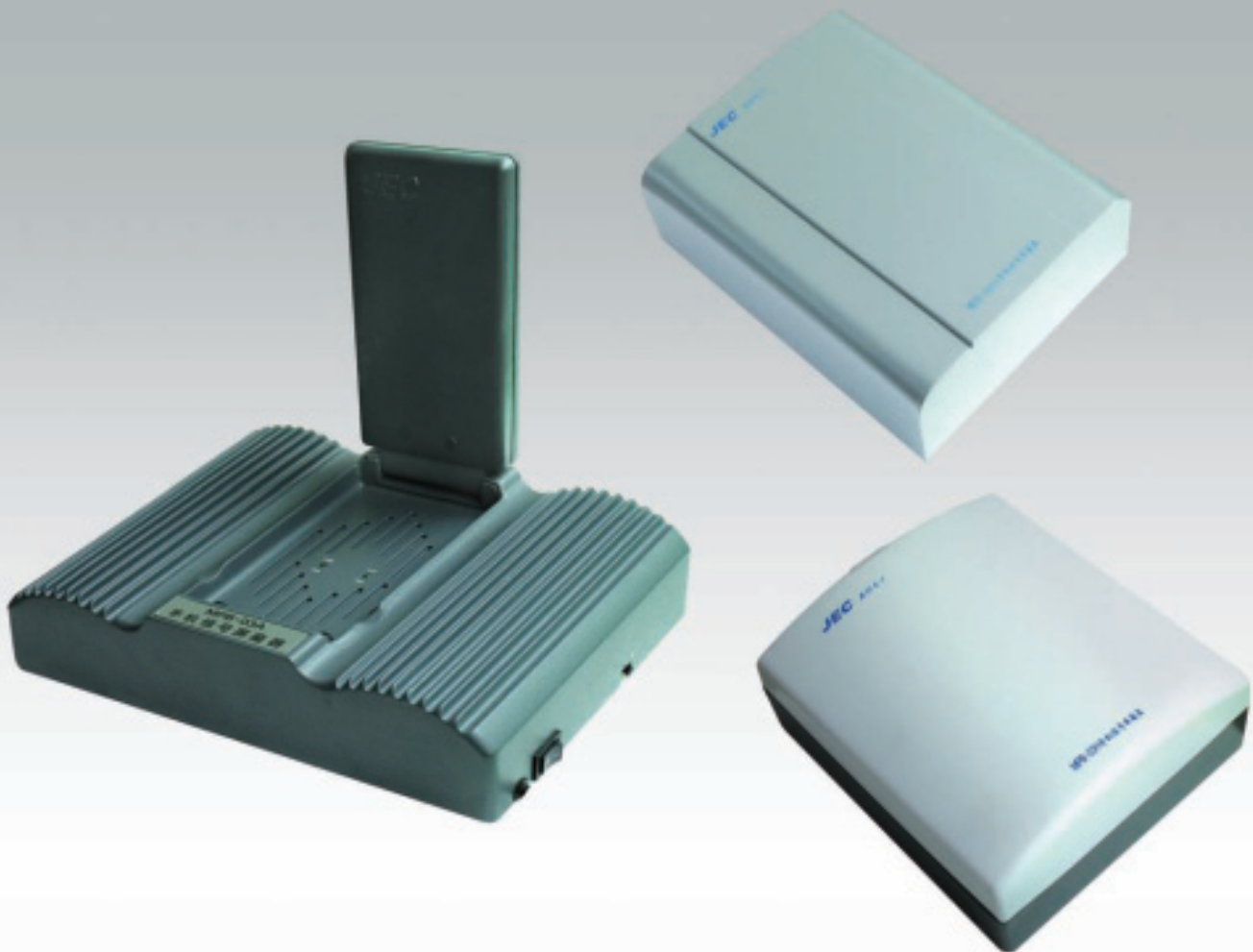
- All components, including power supply, are installed in a suitcase, convenient to be moved, brought and as camouflage;
- It can be used when moving;
- It can be equipped with various types of power supply such as rechargeable battery, car battery and AC 220 V.

This device is mainly used to block someone's communication ability when he/she is tracked. It can also be used to deal with group incidents and block cellular communication.

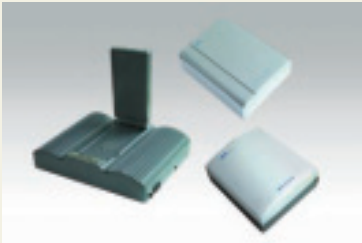
► Principal Data

<u>Frequency</u>	CDMA800, GSM900, DCS1800, PHS1900, TD-SCDMA, CDMA2000, WCDMA
<u>Jamming Range</u>	200 meters (-60 dBm typical field intensity)
<u>Antennas</u>	Internal, Directional
<u>Continuous Working Hours</u>	2 hours (battery) / > 8 hours (AC 220V)
<u>Power Supply</u>	battery (built-in) / AC 220 V
<u>Main Equipment Weight</u>	12 kg
<u>Main Equipment Dimension</u> <u>(L×W ×H)</u>	450 x 250 x 420 mm
<u>Operating Temperature</u>	- 10 °C ~ + 50 °C

Cellular Signal Blocker
Type **MPB-03**



Cellular Signal Blocker
Type **MPB-03**



► General Description

This series of products are designed for military and governmental information security, and defense security forces. It is used to prevent cell phone secret compromise and listening-in, and debug the conference room and office.

► Features

- Military organizations, governmental institutions, public security, justice institutions, and conference room, where the security measures are required.
- Special places, courthouse, judicial tribunal, detention house etc.
- Public places, conference (training) center, concert hall, movie theatre, library, classroom, examination room etc.
- Other places where security measures are required.

► Principal Data

	MPB-03AA	MPB-03H
Operating Frequency Range	GSM900 935~960 MHZ; GSM1800 1805~1880 MHZ; CDMA800 869~894 MHZ; PHS1900 1900~1920 MHZ	
Effective Range	8 ~ 45 m	5 ~ 30 m
Power Supply	220 VAC±20%, 50/60 Hz	
Dimensions	245 ×195 ×80	235 ×180 ×80
Weight	2.5 Kg	1.6 Kg
Operating Temperature	-10 ~ +45	
Relative Humidity	5 ~ 95%	
Storage Temperature	-20~+60	