

## INTRODUCTION

**We believe this must be a good option to Armed Forces !!!**

- *Good Choice in Combat, for any Radio users*
- *Offering the Operator Better Activity*
- *Engaged Well in Combat : Operator*
- *Offering Very Clear Voice*
- *Free to use both hands*
- *Convenient to Combat leader*
- *Simultaneous use of wire and wireless types*
- *Meets MIL-STD-810C*



## VOICE RECOGNITION NECK MICROPHONE (SJNEC-960K, -970K, -971K)



### General purpose

- This equipment detects vibrations from Vocal and is able to use the radio on gas-mask
- Able to use equipment by voice recognition
  - Built in VOX (Hand free)
- Able to ensure clear reception in high-noise environment
  - dynamic mic. / Ear-phone : Noise immunity
- Camouflage-able
  - Bodyguard, etc.
  - Able to protect in rain
- Ergonomics design (comfortable use for a long time)

### Characteristics

**Weight :** 150g ; Neck microphone and switch assembly  
**Size :** Ø130.0 x 40.0  
**Cable length :** 1000mm

#### ELECTRICAL DATA

**Supply voltage :** 1/2AA Battery ; 2.75 to 5.0v  
**Current consumption :** typically 10mA  
**Mic type :** Dynamic mic (noise canceling)  
**Mic impedance :** 450Ω at 1kHz, nominally  
**Mic sensitivity :** -56dB re 1v/Pa, 1kHz  
**Speaker impedance :** 1kΩ at 1kHz, nominally  
**Speaker sensitivity :** 94dB re 1v/Pa, 1kHz  
**Speaker distortion :** < 5% at 1kHz



#### ENVIRONMENTAL DATA

**Usage temperature :** -30°C to +55°C  
**Storage temperature :** -40°C to +70°C  
**Humidity range :** up to 95% RH

## REMOTE NECK MICROPHONE (SJNEC-972K)

### Main Function

- 1) **Two-way radio controlling**  
Control by PTT switch box  
(Scramble, Shift Channel, Indicate two-way features sensitivity)
- 2) **AUTO PTT Function**  
PTT switch On & Off by Voice Control.
- 3) **Excellent Communication Quality**  
Eliminates background noise (average 120dB)
- 4) **Able to use the Radio with Gas-Mask on**  
Provide clear and consistent communications



### General purpose

- **Lightweight : less than 300g**
- **High Communication Quality**
- **Perfect for security**
- **Suitable for all type of spot**

### Characteristics

#### ELECTRICAL DATA

**Supply voltage :** 2.75 to 5.0v, Utilize of Two-way radio electricity

**Current consumption :** typically under 40mA

- Under 4mA : Manual Operate
- Under 15mA : Voice Recognition Operate
- Under 20mA : Voice Recognition/PTT Operate

**Mic type :** Dynamic mic (noise canceling)

**Mic impedance :** 450Ω at 1kHz, nominally

**Mic sensitivity :** -56dB re 1v/Pa, 1kHz

**Speaker impedance :** 1kΩ at 1kHz, nominally

**Speaker sensitivity :** 94dB re 1v/Pa, 1kHz

**Speaker distortion :** < 5% at 1kHz

#### ENVIRONMENTAL DATA

**Usage temperature :** -30°C to +55°C

**Storage temperature :** -40°C to +70°C

**Humidity range :** up to 95% RH

## DATA TELECOMMUNICATION NECK MICROPHONE (SJNEC-973K)

**Application : Tactical Communications**

### Main Function

- 1) **Data Communication Ability**  
One to multi-way communication (MDS, SMS)
- 2) **Two-way radio controlling**  
Control by PTT switch box (Scramble, Shift Chann  
Indicate two-way features sensitivity)
- 3) **AUTO PTT Function**  
PTT switch On & Off by Voice Control.
- 4) **Excellent Communication Quality**  
Eliminates background noise (average 120dB)
- 5) **Able to use the Radio with Gas-Mask on**  
Provide clear and consistent communications



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**Supply voltage :** 2.75 to 5.0v, Utilize of Two-way radio electricity

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**Speaker impedance :** 1kΩ at 1kHz, nominally

**Speaker sensitivity :** 94dB re 1v/Pa, 1kHz

**Speaker distortion :** < 5% at 1kHz

#### ENVIRONMENTAL DATA

**Usage temperature :** -30°C to +55°C

**Storage temperature :** -40°C to +70°C

**Humidity range :** up to 95% RH

## WIRE LESS NECK MICROPHONE (SJNEC-980K)



### General purpose

- Good Choice in Combat, for any Radio users
- Offering the Operator Better Activity
- Engaged Well in Combat : Operator
- Offering Very Clear Voice
- Free to use both hands
- Convenient to Combat leader
- Simultaneous use of wire and wireless types
- Meets MIL-STD-810C



## HANDSET (SJH-930KE)



### General purpose

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Application : Tactical Communications, Wireline Handset

### Characteristics

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#### ELECTRICAL DATA

Mic type : Dynamic mic (noise cancelling)

Mic impedance :  $150\Omega$  at 1kHz, nominally

Mic sensitivity : -56dB re 1v/Pa, 1kHz

Speaker impedance :  $1k\Omega$  at 1kHz, nominally

Speaker sensitivity : 104dB re 1mW/20  $\mu$  Pa, 1kHz

Speaker distortion :  $< 5\%$  at 1kHz

#### ENVIRONMENTAL DATA

Usage temperature :  $-30^{\circ}\text{C}$  to  $+55^{\circ}\text{C}$

Storage temperature :  $-40^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$

Humidity range : up to 95% RH

## SMART HANDSET (SJH-931KE)

Application : Tactical Communications, Wireline Handset



Smart handset could be wireline or wireless

Wireless Smart handset



### General purpose

#### Wireline

- 1) Working Mode Choice
- 2) Shift Channel
- 3) Frequency set up
- 4) Mixing
- 5) Output modification
- 6) GPS Function
- 7) Data communication

#### Wireless

- 1) Wireless operate within 25m
- 2) Function : Same as wireline handset

### Characteristics

#### ELECTRICAL DATA

**Mic type :** Dynamic mic (noise cancelling)  
**Mic impedance :** 150 $\Omega$  at 1kHz, nominally  
**Mic sensitivity :** -56dB re 1v/Pa, 1kHz  
**Speaker impedance :** 1k $\Omega$  at 1kHz, nominally  
**Speaker sensitivity :** 104dB re 1mW/20 $\mu$  Pa, 1kHz  
**Speaker distortion :** < 5% at 1kHz

#### ENVIRONMENTAL DATA

**Usage temperature :** -30 $^{\circ}$ C to +55 $^{\circ}$ C  
**Storage temperature :** -40 $^{\circ}$ C to +70 $^{\circ}$ C  
**Humidity range :** up to 95% RH

## EAR-MICROPHONE (EM-960K)



**Military and Commercial Communication Devices**

**Utility Model.**

**Supplying for Military and Commercial Use.**



### General purpose

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Easy portable and being accompany with  
Helmet, gas mask, etc.

We are trying to get orders from foreign co.



### Characteristics

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**Frequency rage : 200Hz ~ 3,500Hz**

**Listen sensitiveness : up to 94dB**

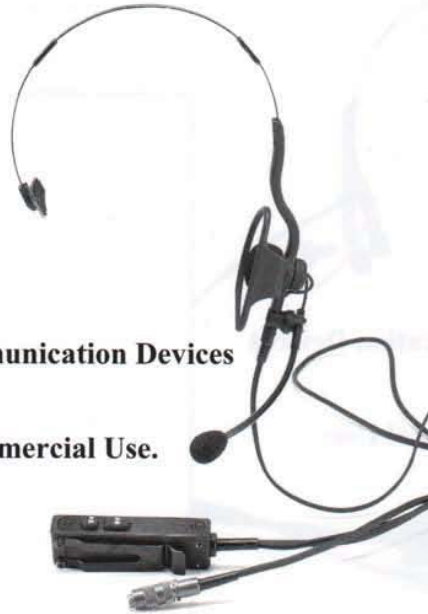
**Speak sensitiveness : up to -56dB**

**Listen impedance : 8k $\Omega$**

**Speak impedance : less than 2.2k $\Omega$**



## HEADSET (H-960K)



**Military and Commercial Communication Devices**

**Utility Model.**

**Supplying for Military and Commercial Use.**

### General purpose

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Easy portable and being accompany with  
Helmet, gas mask, etc.

We are trying to get orders from foreign co.



### Characteristics

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**Frequency rage : 200Hz ~ 3,500Hz**

**Listen sensitiveness : up to 94dB**

**Speak sensitiveness : up to -56dB**

**Listen impedance : 8k $\Omega$**

**Speak impedance : less than 2.2k $\Omega$**