



# CJ-H-250 Series Tactical Handsets

- ⇒ **Customer Specific**
- ⇒ **Proven Cost Effective**
- ⇒ **Proven Rugged Design**
- ⇒ **Proven Reliability**



624 Tower Mews, Oakdale New York 11769

Phone: 631-567-3733 Email: [info@cjcomponents.com](mailto:info@cjcomponents.com)

## CJ-H-250 Handset

Standard Handset designed and used on most military radio systems worldwide.

### Special PTT and Cover Plate Design

Specially designed PTT switch bezel assembly and wiring cover plate are made so that there are no exterior metal parts to prevent RF burn.

### Microphone

Type: Dynamic, Noise Canceling  
Impedance: 150 Ohms  
Frequency Range: 300 to 3500 Hz  
Sensitivity: -56dB  
Specification: MIL-PRF-49078A

### Speaker:

Type: Dynamic  
Impedance: 1000 Ohms @1kHz  
Frequency Response: 100 to 3500Hz  
Specification: MIL-PRF-49078A



**Material:** Polycarbonate Glass  
Weight: 317.5 Grams

**Interface:** 30.48 cm retractile cable, which extends to 182.88cm terminated with a CJ U-229/U audio connector (5pin).

### Environmental:

Operating Temperature: -40 to +65C  
Storage Temperature: -55 to +70C  
Immersion: 1 Meter/2Hours MIL-STD-810



## CJ-H-250DPTT Handset

Dual button push-to-talk feature option.

### Dual Button PTT

For radios with dual frequency capability, a dual button push-to-talk switch is incorporated into the handset. Each button is color coded for certain clarity.

### Microphone

Type: Dynamic, Noise Canceling  
Impedance: 150 Ohms  
Frequency Range: 300 to 3500Hz  
Sensitivity: -56dB  
Specification: MIL-PRF-49078A

### Speaker:

Type: Dynamic  
Impedance: 1000 Ohms @1kHz  
Frequency Response: 100 to 3500 Hz  
Specification: MIL-PRF-49078A

**Material:** Polycarbonate Glass  
Weight: 317.5 Grams

**Interface:** 30.48 cm retractile cable, which extends to 182.88 cm terminated with a 6 pin U-329/U audio connector.

### Environmental:

Operating Temperature: -40 to +65C  
Storage Temperature: -55 to +70C  
Immersion: 1 Meter/2Hours MIL-STD-810



## CJ-H-250VCEB Handset

Control—Freedom—Security  
Quiet Listening Capability

### Control

Control all audio functions on the handset, without having to reach for the radio.

### Freedom

Built-in volume control adjusts incoming voice communication.

### Security

Secure quiet listening is achieved simply by plugging in the external ear-phone.

### Microphone

Type: Dynamic, Noise Canceling  
Impedance:150 Ohms  
Frequency Range:300 to 3500 Hz  
Sensitivity:-56dB  
Specification:MIL-PRF-49078A

### Speaker:

Type: Dynamic  
Impedance:1000 Ohms @1kHz  
Frequency Response:100 to 3500Hz  
Specification:MIL-PRF-49078A



**Material:** Polycarbonate Glass  
**Weight:** 317.5 Grams

**Interface:** 30.48 cm retractile cable, which extends to 182.88cm terminated with a CJ U-229/U audio connector (5pin).

### Environmental:

Operating Temperature:-40 to +65C  
Storage Temperature:-55 to +70C  
Immersion:1 Meter/2Hours MIL-STD-810



## CJ-H-250-125 Handset

5965-01-463-7915

### Microphone

Type: Dynamic, Noise Canceling  
Impedance: 150 Ohms  
Frequency Range: 300 to 3500Hz  
Sensitivity: -56dB  
Specification: MIL-PRF-49078A

### Speaker:

Type: Dynamic  
Impedance: 1000 Ohms @1kHz  
Frequency Response: 100 to 3500Hz  
Specification: MIL-PRF-49078A

**Material:** Polycarbonate Glass  
Weight: 317.5 Grams

**Interface:** 30.48 cm retractile cable, which extends to 182.88cm terminated with a CJ AP-125(M55116/1) thumbail audio connector (5pin).

### Environmental:

Operating Temperature: -40 to +65C  
Storage Temperature: -55 to +70C  
Immersion: 1Meter/2Hours MIL-STD-810



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## CJ-H-350 Handset

Standard Handset designed for use for tactical field telephone communication.

### Full Duplex Operation

Designed wiring offers open microphone capabilities for operation over field telephone circuits.

### Microphone

Type: Dynamic, Noise Canceling  
Impedance: 150 Ohms  
Frequency Range: 70 to 4000 Hz  
Sensitivity: -56 dB  
Performance Specification: MIL-PRF-49078A

### Speaker:

Type: Dynamic  
Impedance: 1000 Ohms +/- 100 Ohms @ 1 kHz  
Frequency Response: 300 to 3500 Hz  
Performance Specification: MIL-PRF-49078A



**Material:** Polycarbonate Glass  
**Weight:** 317.5 Grams

**Interface:** 30.48 cm retractile cable, which extends to 182.88 cm terminated with a 6 pin U-329/U audio connector.

### Environmental:

Operating Temperature: -40 to +65°C  
Storage Temperature: -55 to +70°C  
Immersion: 1 Meter/2 Hours MIL-STD-810



## CJ-H-250-I7800 Handset

Designed for use with the RF-7800I Vehicle Intercom System

### Microphone

Type: Dynamic, Noise Canceling  
Impedance: 150 Ohms  
Frequency Range: 300 to 3500Hz  
Sensitivity: -56dB  
Specification: MIL-PRF-49078A

### Speaker:

Type: Dynamic  
Impedance: 1000 Ohms @1kHz  
Frequency Response: 100 to 3500Hz  
Specification: MIL-PRF-49078A

### Function's:

PTT Intercom (Red Pushbutton)  
PTT Radio (Black Pushbutton)

**Material:** Polycarbonate Glass  
Weight: 317.5 Grams

**Interface:** 30.48 cm retractile cable, which extends to 182.88cm terminated with an AP-107BR-7Pin connector.

**External Earphone:** 3.5 mm Jack for quiet listening

### Environmental:

Operating Temperature: -40 to +65C  
Storage Temperature: -55 to +70C  
Immersion: 1 Meter/2Hours MIL-STD-810



## CJ-H-250-VIS01 Handset

Designed for use with Harris RF-7800I Vehicle Intercom System

### Microphone

Type: Dynamic, Noise Canceling  
Impedance: 150 Ohms  
Frequency Range: 300 to 3500 Hz  
Sensitivity: -56 dB  
Specification: MIL-PRF-49078A

### Speaker:

Type: Dynamic  
Impedance: 1000 Ohms +/- 100 Ohms @ 1 kHz  
Frequency Response: 100 to 3500 Hz  
Specification: MIL-PRF-49078A

### Function's:

PTT Intercom (Red Pushbutton)  
PTT Radio (Black Pushbutton)

### Built-in Volume Control

Adjusts the volume of incoming voice communication.

### Built-in Earphone Jack:

Quiet listening option available

### Material: Polycarbonate Glass

Weight: 317.5 Grams

### Special PTT and Cover Plate:

Proprietary bezel with no exposed metal parts

**Interface:** 30.48 cm retractile cable, which extends to 182.88 cm terminated with a AP-107BR 7 pin waterproof plug.



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## CJ-H-250MVC Handset

Designed for use with Special Operations loudspeaker systems.  
Utilizes a volume controlled microphone to control an external loudspeaker

### Microphone

Type: Dynamic, Noise Canceling  
Impedance: 150 Ohms  
Frequency Range: 300 to 3500Hz  
Sensitivity: 10Mv RMS  
Specification: MIL-PRF-49078A

### Speaker:

Type: Dynamic  
Impedance: 1000 Ohms @1kHz  
Frequency Response: 100 to 3500Hz  
Specification: MIL-PRF-49078A

### Function's:

Rotary Switch Speaker Volume Control

**Material:** Polycarbonate Glass  
Weight: 317.5 Grams

**Interface:** 30.48 cm retractile cable, which extends to 182.88cm terminated with a CJ U-229 6-pin audio connector.

### Environmental:

Operating Temperature: -40 to +65C  
Storage Temperature: -55 to +70C  
Immersion: 1Meter/2Hours MIL-STD-810



## CJ-H-250-126 Handset

### Designed for Tactical Radios

This handset is specially designed for use with various tactical radio and telephone communication systems.

#### Microphone

Type: Dynamic, Noise Canceling  
Impedance: 150 Ohms  
Frequency Range: 300 to 3500Hz  
Sensitivity: -56dB  
Specification: MIL-PRF-49078A

#### Speaker:

Type: Dynamic  
Impedance: 1000 Ohms @1kHz  
Frequency Response: 100 to 3500Hz  
Specification: MIL-PRF-49078A

#### Material:

Polycarbonate Glass  
Weight: 317.5 Grams

#### Cable Cord:

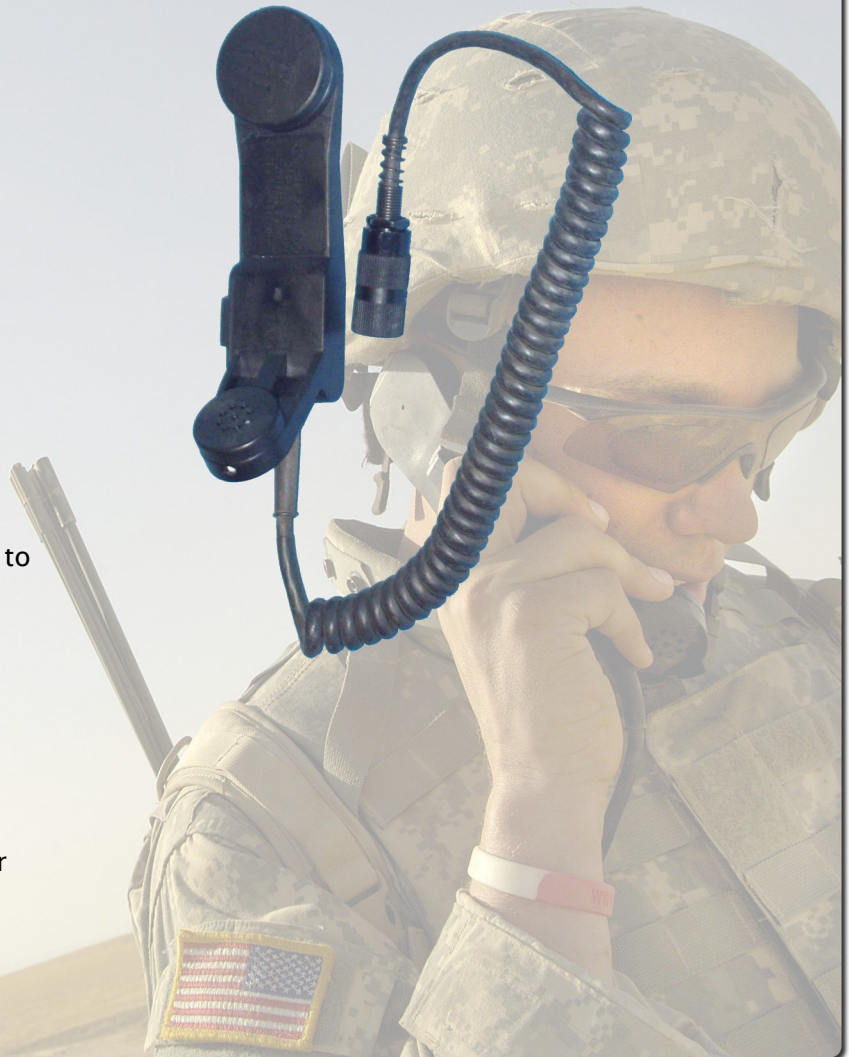
30.48 cm retractile cable, which extends to 182.88cm

#### Environmental:

Operating Temperature: -40 to +65C  
Storage Temperature: -55 to +70C  
Immersion: 1 Meter/2 Hours MIL-STD-810

#### Termination:

M55116/2 AP-126 6 Pin Audio Connector





# CJ-H-250 Series Handsets

## Optional PTT versions and connectors for all CJ-H-250 Models

The single button, dual push-to-talk switch feature is available as an option for any of the CJ-H-250 Series Handsets.

### Single Button PTT:

New design by CJ. The single button PTT is ergonomic allowing any part of the button to be pressed for quiet actuation. This PTT has fewer moving parts than the standard. CJ highly recommends this PTT.



### Dual PTT:

For radios with dual frequency capability a dual push-to-talk switch is incorporated into the handset. Each switch button is color-coded for certain clarity.



### Standard PTT:

Standard PTT designed and made by CJ this PTT offer quiet activation. It meets the 1,000,000 cycle reliability standards.



### Protective Switch Bezel:

All models have a specially designed PTT switch bezel assembly with no exterior metal parts to prevent RF burn.

### Connector Options:



U-229/U



M55116/1-3



TP-120



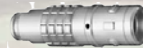
CJ HF500



Fischer 9 Pin



5N148M



Lemo 8 Pin

### Customized Terminations:

CJ will customize the termination with a connector of your choosing. If needed, CJ will also design and have made a connector to meet your needs.

## CJ-H-250 Series Handset PTT and Connector Options

