



Hytera PNC380S

Push-to-Talk Over Cellular (PoC) Device

- Nationwide coverage with 3G/4G/LTE and Wi-Fi networks
- Supports dispatching, group calling, and location tracking
- Instant group voice, video, and text communications
- Easy-to-use, compact and rugged device
- Car Kit option for mounting in vehicles



Nationwide Group Communications Solution

The PNC380S is part of the Hytera HALO Nationwide Group Communications Solution that enables Push-to-Talk over Cellular over existing 3G/4G/LTE Mobile Network Operator infrastructure, and Wi-Fi networks. Hytera HALO Dispatch is a powerful web-based application for efficient group communications and location tracking.

The Hytera PNC380S PoC device is a compact, rugged, and easy-to-operate handheld device that utilizes existing nationwide 3G/4G/LTE cellular networks and Wi-Fi for unlimited coverage and capacity. The PNC380S is designed for reliable business communications with instant group calling in the vehicle and on the job site, and can be quickly deployed without the significant infrastructure costs of traditional radio systems.



PNC380S Key Features



NATIONWIDE COVERAGE

- National workforce communication with cellular 3G/4G/LTE connectivity
- Fully approved and tested by Canada's leading carrier for reliability and nationwide connectivity



INSTANT GROUP AND INDIVIDUAL CALLING

- The PNC380s Push-to-Talk button initiates instant half-duplex group calling or full duplex individual calling
- Supports instant group calling from the HALO Dispatch web-based communications and location tracking application



HIGH-DEFINITION LIVE VIDEO

- Equipped with an 8 megapixel rear camera, the PNC380S enables real-time video streaming
- Video communications improves situational awareness, and facilitates problem solving and decision making



BUILT-IN WI-FI

- Built-in Wi-Fi supports in-building communications with seamless switching to LTE networks when outside Wi-Fi range



GPS POSITIONING

- Built-in GPS enables real-time tracking and positioning for the Hytera HALO Dispatch application



HIGH-QUALITY AUDIO

- Digital noise suppression and high-volume speakers for excellent voice quality in loud environments
- Provides high-quality digital audio performance for individual calls, group calls, and emergency calls



ERGONOMIC DESIGN

- Compact and ergonomic design with easy-access buttons enables comfortable one-hand operation
- Reversible belt clip for carrying with screen facing in or out



BUILT-IN BLUETOOTH

- Built-in Bluetooth enables connectivity to earpieces, Push-to-Talk devices, and other wireless accessories



TFT LCD DISPLAY

- TFT LCD display provides high-resolution visibility even in bright daylight
- Supports an easy-to-use GUI menu system with clean and simple navigation



RELIABLE AND DURABLE

- IP67 rated for protection from dust and water ingress up to 1 meter for 30 minutes.
- Compliant with MIL-STD-810-G for shock and vibration



LONG-LIFE BATTERY

- Powerful 4,000mAh Lithium-Ion Polymer battery delivers up to 24 hours of operation



CAR KIT

- Dash-mount car kit available for safe in-vehicle calling
- Features optional external speaker, palm microphone, visor microphone and remote Bluetooth Push-to-Talk



LED FLASHLIGHT

- Bright LED illumination at the touch of a button



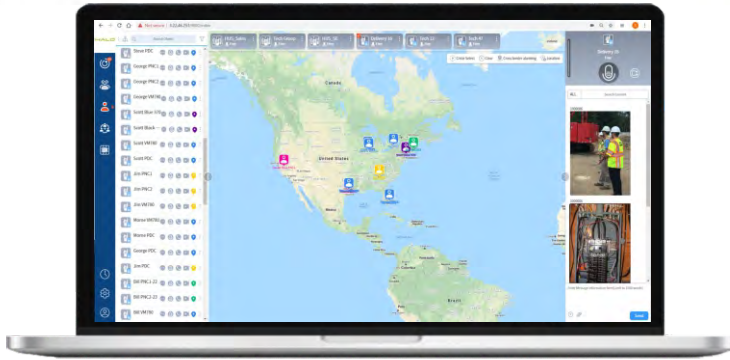
TEXT MESSAGING

- Send, receive, and view text messages between dispatcher and other Hytera PoC devices



SAFETY FEATURES

- One-touch Emergency button enables emergency calls to dispatcher and sending alarms to other radios
- Dispatcher can remotely stun (disable) or revive (return to service) if the radio is lost or stolen



The PNC380S and other Hytera PoC devices and bodycams are part of the Hytera HALO Nationwide PoC Communications Solution and Hytera HALO OnSite Push-to-Talk over Wi-Fi Solution that include a powerful web-based dispatch application.

Hytera HALO Dispatch supports instant group calling as well as individual calling. Dynamic groups can be quickly created with a simple list selection or geographically by selecting an area on the dispatch map. Hytera HALO Dispatch leverages the GPS built into the PNC380S for tracking of driver locations and travel routes with time stamps. The dispatcher may stun (turn off) and reactivate a radio, perform Lone Worker monitoring, receive emergency calls, and access full call recording, logging, and playback.

Target Applications

The PNC380S is designed for any industry that requires reliable group communications in the vehicle and on the job site. The fastest growing sector is service companies with small and medium-sized fleets:

- Security Companies
- Property Management
- Plumbers and Electricians
- Construction and Building Materials
- Landscaping and Tree Trimming
- Exterminators
- Cleaning and Maintenance
- Auto Parts and Tools
- Event Production and Catering
- TV and Film Production
- Tow Truck Companies
- Industrial Supply and Uniform
- Food Services and Delivery
- Waste Collection
- Technology Services



Standard Accessories

INCLUDED WITH THE PNC380S



R003
Nylon Hand Strap



PS2023
Power Adapter with MicroUSB Cable
Input: 100-240VAC, Output: 5VDC/2A



BC50
Belt Clip



BP4006
4000mAh Li-Ion Polymer Battery

Optional Accessories



C-Style 3.5mm Wired Earpiece



BT Earpiece



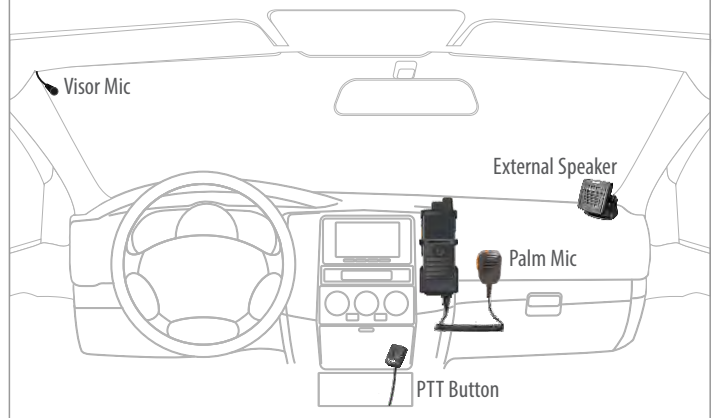
BT Ring PTT



CK10 CAR KIT

The CK10 Car Kit is a rugged vehicle mounting assembly that enables the PNC380S to be installed on a vehicle dashboard and comply with DOT requirements. The Car Kit allows the PNC380S to be easily removed for handheld job-site communications. The Car Kit includes a locking bracket, an on/off power button, and ports for external speakers, microphones, and push-to-talk buttons. The CARKIT also functions as a docking charger for the PNC380S.

WIRED ACCESSORIES FOR THE CK10 CARKIT



Specifications

Network Standards	
LTE	FDD:B2/B4/B5/B7/B12/B13/B25/B26
WCDMA	B1/B2/B4/B5/B8
GSM	850/1900 MHz
WLAN	2.4GHz and 5GHz, 802.11 b/g/n
Bluetooth	BT 4.2
Positioning System	GPS/A-GPS

General Specifications	
Dimensions (H x W x D)	5 27/32" x 2 3/8" x 1 1/8" (148 x 60 x 28mm)
Weight (with battery)	208g (with battery)
Memory	RAM: 1GB ROM: 8GB
	Extended: Micro SD/TF card, up to 32GB
SIM Card	Nano SIM 12.3mm x 8.8mm
Display	2.0" 320x240
	TFT/Non-touch
Ports	Micro USB 2.0
	3.5mm Audio Jack
	Dock Charger Interface
	Car Kit Connection Interface
Video and Images	Video: 480p @ 30fps for streaming, 720p @ 30fps for recording
	Images: 8MP
Operating Voltage	3.85V (Rated)
Battery	4000mAh (Li-ion)
Battery Life	≥24h (5-5-90 working cycle)

All specifications are subject to change without notice due to continuous development.

Transceiver	
Audio Power Output	1W (Rated) (Max: 2W)
Mic	Mic with Digital noise suppression

Environmental	
Dust and Water Proof	IP67 Standard
Shock & Vibration	MIL-STD-810 G Standard
Drop Resistance	1.2m
ESD	IEC 61000-4-2 ±8 kV (Contact) ±12 kV (Air)
Operation Temperature	-4°F to +140°F (-20°C to +60°C)
Storage Temperature	-22°F to +158°F (-30°C to +70°C)

Ordering Information

Part Number	Description
PNC380S	Push-to-Talk over Cellular Device



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