Hytera HyTalk

Hytera PNC360S

Push-to-Talk Over Cellular (PoC) Radio

The PNC360S is an ultra-compact, rugged, and easy-to-operate handheld radio that enables connectivity over cellular 4G/LTE and Wi-Fi for wide-area radio communications.

It is cost-effective, and surprisingly feature rich for the price. PNC360S PoC radios and Hytera HyTalk Dispatch can be deployed very quickly to deliver these features at a lower cost than traditional radio systems.

- Nationwide Coverage with Wi-Fi and 4G/LTE Networks
- Industry Leading Voice Quality with Digital Noise Suppression
- Supports Dispatching, Group Calling, and Location Tracking
- Ultra Compact and Rugged Radios that are Easy to Use

Nationwide Group Communications Solution

The PNC360S is supported on the Hytera HyTalk Nationwide PoC subscription service, on the Hytera HyTalk OnSite customer owned PoC system, the Hytera HyTalk Connect unified PoC and LMR platform, and the Hytera HyTalk Bridge PoC to DMR gateway. The PNC360S is also supported on Hytera HyTalk Dispatch, a powerful web-based group communications and location tracking application.

PNC360S KEY FEATURES

NATIONWIDE COVERAGE

- Nationwide workforce communication with mobile 4G/LTE connectivity supported by the Nano-SIM

BUILT-IN WLAN

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

GPS POSITIONING

- GPS enables real-time tracking and positioning for the Hytera HyTalk 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
- Adjustable microphone gain sensitivity feature allows users to adjust the radio settings so that they don't have to speak directly into the microphone, for example, when the radio is being worn like a remote speaker microphone

TFT LCD DISPLAY

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

RELIABLE AND DURABLE

- Compliant with MIL-STD-810-H for shock and vibration
- IP67 rated for water submersion and dust resistance

LONG-LIFE BATTERY

- Powerful 4000mAh Lithium Polymer battery delivers several days of operation on a single charge.
- Over 48 hours 10/10/80 operation (10% transmitting, 10% receiving, 80% idle)
- Fast charging within minutes

TEXT MESSAGING

- Receive and view text messages sent from dispatcher and other Hytera PoC devices

PRE-INSTALLED APPS

- Android apps provide convenient PoC services

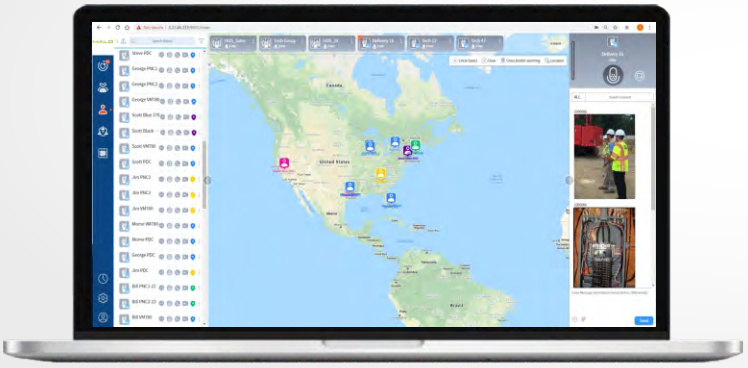
STUN AND REVIVE

- Dispatcher can remotely stun (disable) or revive (return to service) if the radio is lost or stolen

EMERGENCY AND SAFETY FEATURES

- Emergency Alarms can be sent to other radios via the one touch programmable button
- Safety Alert function provides alerts to the user using a pre-recorded voice message sent at predefined time intervals to remind remote users to check in or that a regular task is due
- Improves worker safety and emergency response time

Hytera Dispatch HyTalk



The PNC360S and other Hytera PoC devices are part of Hytera HyTalk Nationwide PoC subscription service and HyTalk OnSite customer owned PoC system that include a powerful web-based dispatch application.

Hytera HyTalk 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 HyTalk Dispatch leverages the GPS built into the PNC360S 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.

Standard Accessories

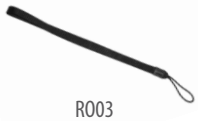
INCLUDED WITH THE PNC360S

PC143
Charging Cable USB Type C

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

BP4008
4000mAh Lithium Polymer Battery

BC51
Belt Clip



R003
Nylon Hand Strap

Optional Accessories

POA121
PTT Ring

SM27W2
Speaker Microphone (IP67)

EAS07
Transparent Tube Earpiece with Push-to-Talk Mic

EHS24
C-Style Earpiece with Push-to-Talk Mic

Target Applications

The PNC360S is designed for any organization that requires reliable wide area group communications.

- Education
- Security Companies
- Hotels and Resorts
- General Business
- Warehouses and Logistics
- Contractors and Subcontractors
- Property Management
- Event Production and Catering
- Houses of Worship
- Non-Profits
- Healthcare
- Senior Living

Actual Size

- Ultra-compact for easy carrying in a pocket or with the belt clip
- Palm sized for discrete operation
- Can be worn on a lanyard
- Can also be worn on the chest clipped to a safety vest or uniform like a remote speaker mic attached to a belt-clipped radio. This eliminates the need for additional hardware and dangling mic cables.

Specifications

Standards and Frequencies	
LTE	FDD-LTE：B2/B3/B4/B5/B7/B12/B13/B17/B26/B28 TDD-LTE：B38/B41 WCDMA：B2/B4/B5 GSM：850/900/1800/1900
WLAN	2.4GHz 802.11b/g/n
Positioning System	GPS/Galileo/AGPS
Environmental	
Operating Temperature	-4°F to +140°F (-20°C to +60°C)
Storage Temperature	-22°F to +158°F (-30°C to +70°C)
ESD	IEC 61000-4-2 (Level 4) ±8kV Contact, ±12kV Air
Dust and Water Ingress	IP67 Standard
Humidity	MIL-STD-810 H Certified
Shock and Vibration	Per MIL-STD-810 H Certified Drop Proof to 1.2 meters

General	
Battery	4000mAh Lithium Polymer
Battery Life (10/10/80)	Up to 48 Hours
Weight	6.7oz (190g) Including Belt Clip
Dimensions (H x W x D)	5″x 2 3/16″x 1 1/16″(127 x 55 x 27mm)
Operating System	Android 7.0
Memory	1GB RAM + 8GB ROM
Card Slot	Nano-SIM
Display	1 3/4″ TFT LCD Non-touch screen display, 160x128
Speaker Power	2W (rated), 3W (max)
External Interface Ports	USB Type C Charging Port, 3.5mm Audio Interface
Positioning	GPS/Galileo/AGPS

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