



The MNC580 and other Hytera PoC devices are part of the Hytera HALO Nationwide PoC solution that uses cellular 3G/4G/LTE infrastructure, the Hytera HALO Connect unified PoC and LMR platform, and third-party Push-to-Talk over Cellular plans. The MNC580 is supported on Hytera HALO Dispatch, a powerful web-based GPS dispatch and fleet communications application.

Hytera MNC580

Push-to-Talk over Cellular Mobile Radio

The Hytera MNC580 Push-to-Talk over Cellular (PoC) mobile radios are professional-grade communications devices that provide safe in-vehicle communications.

Deploy a reliable and easy-to-use fleet communications solution that requires zero investment in network infrastructure or spectrum licensing. Simply install a SIM card for instant nationwide group and individual calling. The MNC580 features built-in GPS for vehicle location tracking with the Hytera HALO web-based dispatching application.

The MNC580 provides clear push-to-talk communication, simple talk group management, and location tracking for efficient field service dispatching.



MNC580 Key Features



NATIONWIDE COVERAGE

- National wide-area communication with cellular 3G/4G/LTE connectivity
- Cellular SIM card enables carrier access



INSTANT GROUP AND INDIVIDUAL CALLING

- Push-to-Talk button initiates instant voice calls to groups or individuals
- Supports instant group calling from the HALO Dispatch web-based communications and location tracking application



HIGH-QUALITY AUDIO

- Digital noise suppression and high-volume speaker for excellent voice quality in loud vehicles



GPS POSITIONING

- GPS enables real-time location tracking and geo fencing with the Hytera HALO Dispatch application



DESIGNED FOR SAFETY

- Eyes stay on the road with raised tactile buttons and lightweight handheld microphone for safe and simple push-to-call operation
- Emergency call buttons (on radio body and handheld mic) enable one-touch emergency calls to dispatcher and other PoC devices



LARGE DISPLAY

- Clear and bright 3.5-inch LCD touchscreen display for accessing and navigating the Android operating system
- Not for use while driving



ANDROID OPERATING SYSTEM

- The MNC580 is powered by the Android mobile platform
- Supports Android apps including Google Maps



BUILT-IN WI-FI

- Built-in Wi-Fi for flexible network access and using the MNC580 as a dispatch console

Target Markets

- Transportation, Shipping, and Logistics
- Taxi and Shuttle Services
- Construction, Plumbing, and Electrical
- Towing and Roadside Services
- Agriculture
- Landscaping Services
- Ambulances and EMTs
- School Buses
- Delivery Services
- Security Patrol Services

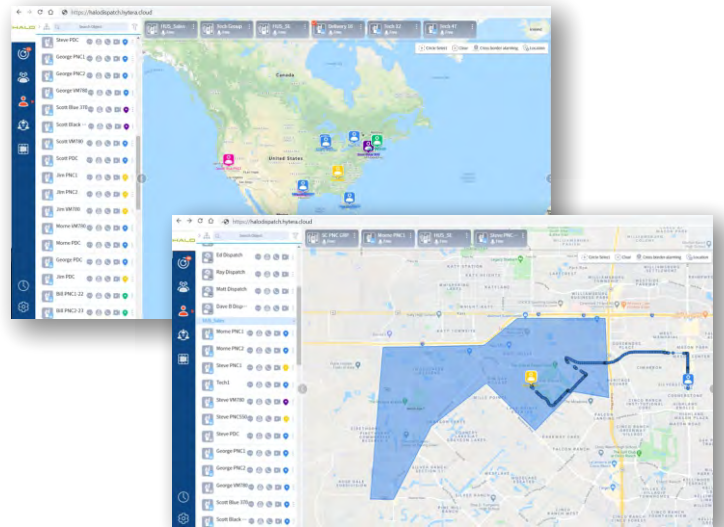


Hytera HALO

The MNC580 and other Hytera PoC devices are part of the Hytera HALO Nationwide Push-to-Talk over Cellular solution that includes a powerful web-based dispatch application.

Hytera HALO Dispatch supports instant group and individual calling to handheld and mobile devices. 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 MNC580 for tracking of driver locations with travel route breadcrumbs and geo fencing.



Weighing only 13.8 ounces, the MNC580 is a compact and lightweight PoC mobile radio. The slim device is 3 5/8" deep and can be mounted on horizontal or vertical surfaces.



Standard Accessories



Optional Accessories



Specifications

General	
Weight	13.4oz (380g)
Dimensions (H x W x D)	6 5/8" x 3 3/16" x 3 5/8"(170 x 80 x 85mm)
Display	3.5" LCD touchscreen
Operating System	Android 7.0
RAM Capacity	1GB
ROM Capacity	8GB
Operating Voltage	12-36V DC
Speaker	4W (6W Max)
Operating Temperature	-22°F to +167°F (-30°C to +75°C)
Installed App	Hytera HALO
Port Interfaces	SMA Antenna Port, SMA GPS Antenna Port, MicroUSB 2.0, 3.5mm External Audio Port, Handheld Microphone Jack, Power Connector
Card Slots	1x Standard SIM, 1x MicroSD TF card

Standards and Frequencies	
LTE Frequency Bands	TDD-LTE: Band 38/40/41 FDD-LTE: Band 1 /3/5/7/8/20/28 WCDMA: Band 1/2/5/8 GSM/GPRS/EDGE: Band 2/3/5/8
Wi-Fi	2.4GHz 802.11b/g/n
Bluetooth	BT 4.0/V3.0/V2.1
Positioning System	GPS (AGPS)/GLONASS/BDS

Ordering Information

Part Number	Description
MNC580	Push-to-Talk PoC Mobile Radio



Hytera North America

Hytera US Inc

8 Whatney, Irvine, CA 92618
(949) 326-5942

1363 Shotgun Road, Sunrise, FL 33326
(954) 846-1011

www.hytera.us
info@hytera.us

Hytera Canada

100 Leek Crescent, Unit 11
Richmond Hill, ON L4B 3E6
(905) 305-7545

www.hytera.ca
info@hytera.ca



Hytera HALO and Hytera are registered trademarks of Hytera Communications Co., Ltd.

©2021 Hytera Communications Co., Ltd. All Rights Reserved.

Hytera retains right to change the product design and specification.

MNC580-DS-A 8/21