Hytera

W60

Wearable MCS Radio

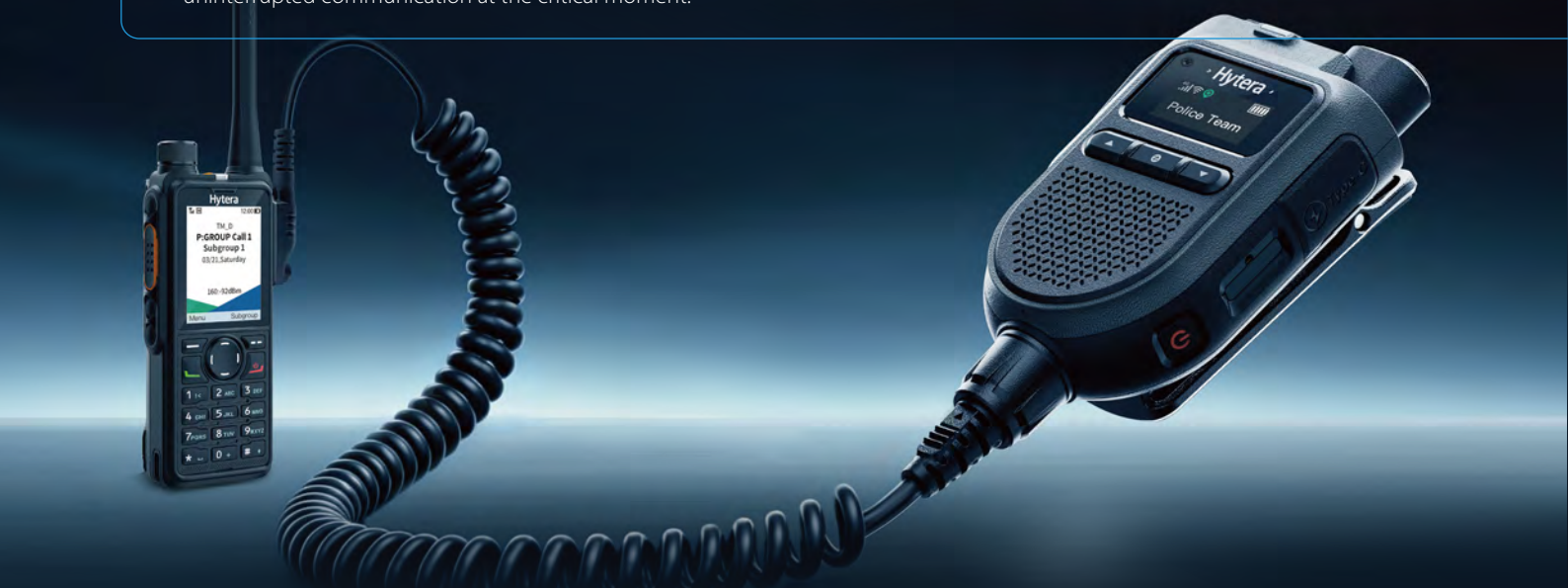
◆ Expand the Excellence



www.hytera-europe.com

OVERVIEW

The Hytera W60 is a wearable MCS radio that delivers mission-critical voice, video and data services. It works seamlessly as an RSM (remote speaker microphone) for your existing PMR radios, with switching to broadband when out of coverage, and also serves as a lightweight standalone MCS radio. Designed for sectors such as public safety, mining, airport, transportation, and security, it ensures uninterrupted communication at the critical moment.



HIGH EXPANDABILITY, BEST OF BOTH WORLDS

Switch Between RSM and MCS Radio

- W60 can be a wired[1] RSM（remote speaker microphone) for your existing PMR radio[2], no matter portable or mobile.
- If your PMR radio loses its signal in dead spots, W60 transforms from a RSM to a MCS radio.
- When out of battery, PMR radios can provide reverse charging for W60, offering a flexible emergency battery.

Be a Standalone MCS Radio

- W60 is built for convenience in daily operations.

1. Customize the connection cable according to the model of your existing PMR radios.
2. At present, available only for part of Hytera PMR radios.

MCX ACCESS

- Hardware-supported mission-critical voice, data, and video.
- QCI: 65/67/69/70
- eMBMS (Enhanced Multimedia Broadcast Multicast Service)



UNINTERRUPTED, EVERYWHERE

- Deliver clear, coherent communication through network congestion and weak signal zones — minimizing lag and dropouts.
  - Penetrates thick walls
  - Covers deep basements
- TIS -95dBm*

*Tested in LTE B8



AUDIO, ON ANOTHER LEVEL

Loud

- 3 W speaker (Max)
- Loudness up to 99 dB@30 cm. *
- Cut through highly noisy environments.

*Tested in Hytera lab

Clear

AI-based noise cancellation :

- 40 dB deep scenario-specific reduction.
- Deliver every command clearly.





8MP HD CAMERA. DUAL PURPOSES

Video Livestreaming

- Allow the dispatcher to pull real-time video of W60, improving situational awareness for command center.
- End-to-end encryption | AES 256

Quick recording

- Record videos or take photos quickly by Smart Key, and store the recorded on W60.
- Supports storage expansion up to 512GB.

DESIGNED WITH YOU IN MIND

Compact and Light

RSM-like form factor. Down to 156 g weight.
Perfect for you on the go.

Ergonomic Design

Natural, comfortable grip for everyday use.

Curved PTT Key

Easy to recognize and locate.

Rotatable Clip

Easily mounts on shoulder straps.

Secure Lock, No Drops

A secure snap-in design keeps your earpiece firmly in place.



Application Scenarios



Specifications

Frequency	
Broadband network	GSM: 850/900/1800/1900 WCDMA: B1/B2/B3/B4/B5/B8 TDD-LTE: B34/B38/B39/B40/B41 (Full Band) FDD-LTE: B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18 /B19/B20/B26/B28 (Full Band)/B66
Basic	
Operating system	Android 12
RAM+ROM	2 GB + 16 GB
Display	Screen: 0.96 inch Resolution: 160 x 80 pixels
Camera	Front 8MP
Video and Imaging	1080P@30fps
Dimensions	89.5 mm x 58 mm x 27.5 mm (excluding local protrusions)
Weight	156g (without cable and belt clip)
Speaker	2 W (rated), 3 W (max)
Battery	2,800 mAh non-removable, 24 hours (10-10-80)
Interface	3.5 mm audio jack USB Type-C port（side）-charging & data transfer USB Type-C port（bottom）-to 13-pin
Card slot	SIM x 1 TF x 1
WLAN	2.4 GHz & 5 GHz, 802.11 b/g/n/ac
Location	GPS/GLONASS/BDS/Galileo
Environmental	
Operating temperature	-20°C to +60°C
Storage temperature	-30°C to +70°C
Environment protection	RoHS/REACH
ESD	IEC 61000-4-2: (ESD) ± 12 kV (Air); ±8 kV (Contact)
IP rating	IP68
Drop resistance	1.5 m
Certificate	
Certificate	CE, IP68

Accessories

● Standard ● Optional



● Non-removable Belt Clip



● Data Cable



● Adaptor



● 13-Pin Communication Cable



● Wireless Earpiece (With PTT)



● Wired Earpiece

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