Hytera 30th 1993-2023

Stay True to Our Mission

1993

1995 Launched the first self-developed commercial radio — **C160**

2004 Launched the first radio with Chinese operating system — **TC3600**

2010 Officially renamed as Hytera

2010 Launched the world's first PDT radio all over the world — **PD78X**

2016 Launched the world's first ia intrinsically safe radio all over the world — **PT79X Ex**

2017 Launched the world's first dual-mode radio all over the world — **PDC760 (DMR&LTE)**

2022 Launched the world's first 5G XSecure Rugged Device all over the world — **PNC560**

2023

Hytera serves 20 million users for public safety, firefighting, railway, airports, factories, hotels, supermarkets, and more industries home and abroad.

Hytera

Hytera Communications Europe

939 Yeovil Road, Slough, Berkshire, SL1 4NH

marketing@hytera-europe.com | www.hytera.com/eu

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Hytera

Business Two-way Radio S1 Pro/S1 Pro LF

Function Meets Fashion



DESIGN AWARD 2024

www.hytera.com/eu

Introduction

Hytera S1 Pro/S1 Pro LF is an exquisite business-ready digital radio for luxury hotel, golf course, club, and more high-end businesses. Sleek and light, the radio strikes the perfect balance between elegance and performance, ready for you to instantly connect your team at the push of a button. Getting the best of two worlds—digital and analog, the S1 Pro/S1 Pro LF levels up your communication experience with a basket of innovative features, including noise cancellation, private call, whisper mode, and voice notification. It gives your business the competitive edge at all time.



Let color fit your style.

Experience the captivating elegance of S1 Pro/S1 Pro LF.

Pearl white Metallic grey



360° metal knob.

It helps you change channel, switch menu, edit number, and more.



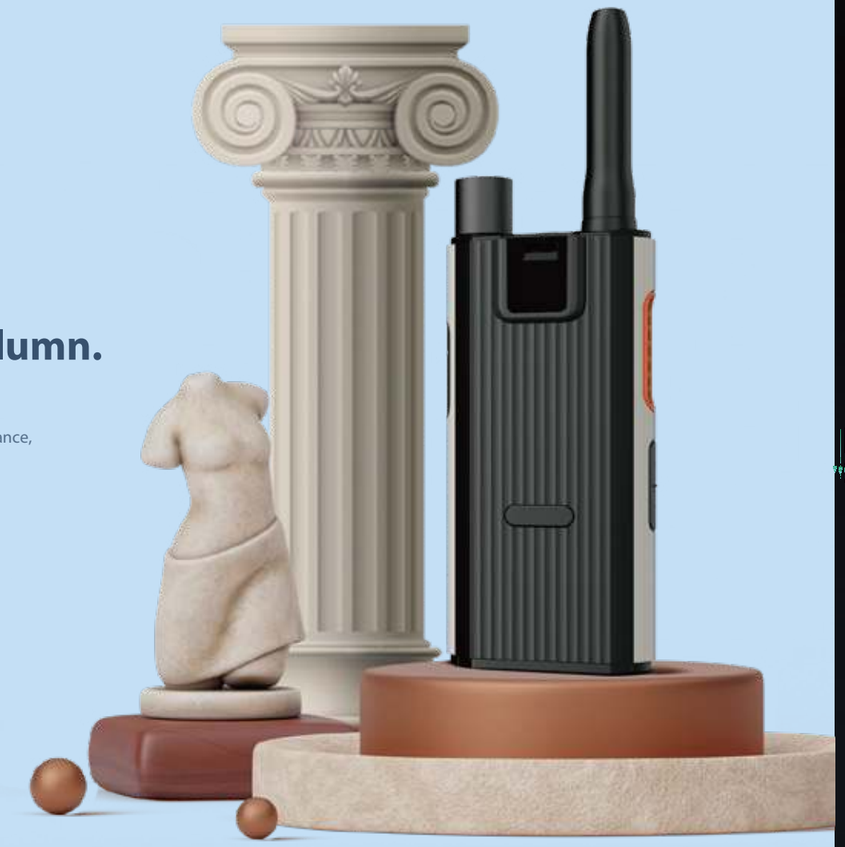
Key information at a glimpse.

The HD OLED display shows you battery level, frequency, status, channel, and more. Plus, you can create your own channel and radio names that are easy to remember and distinguish.



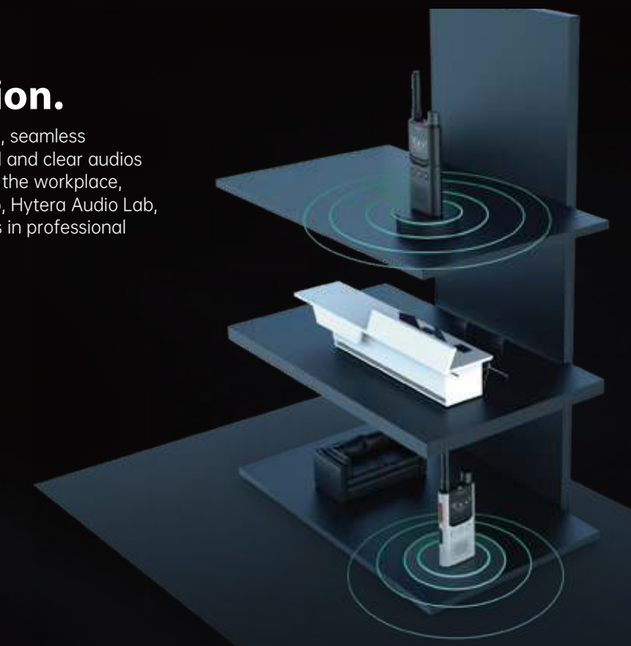
Inspired by the classic Doric column.

Hytera draws inspiration from the design of the ancient Greek Doric order, and combines the characteristics of elegance, symmetry and scale to inject a unique artistic style into the S1 Pro/S1 Pro LF.



Reliable Communication.

As a digital radio, S1 Pro/S1 Pro LF provides reliable, seamless communications in multi-storey buildings with loud and clear audios to improve team coordination and collaboration in the workplace, thanks to know-how from Hytera RF&Antenna Lab, Hytera Audio Lab, Hytera UX Lab, and 30-year extensive experiences in professional communications.





Tune in voice. Tune out noise.

Filter out up to 30 dB of noise thanks to the professional AI-based noise cancellation.
Your focus is protected.
Your productivity improved.

A quiet solution—whisper mode.

Whisper on a call and still be heard clearly on the other end.
Protect your privacy, without disturbing peace of customers around you.



Password is passport.

Only those with the same password can join the group call. Protect the conversation against interference from neighboring groups.



Hytera Radio app, high-efficient.

Manage your radio with a phone, at your fingertips. Perform programming, batch configuration, frequency information backup, and then some.

AirClone, simple and fast.

You can clone configuration data from one S1 Pro/S1 Pro LF to many. All done in a flash.



Download APP Now

Outlast your shift.

16 hrs
working time

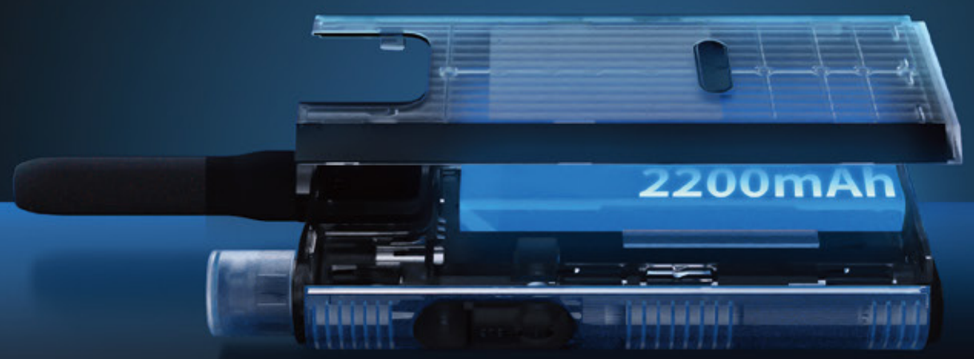
With a battery life of up to 16 hours (5/5/90 duty cycle), your focus remains on the job, not the clock.

Fast charging to refuel quickly.

8-pocket charger, charge your batteries alone or attached on the radios in batches, easily and quickly. Say goodbye to cable chaos.



Replaceable battery
Swap a spare battery for extra-long shifts





Uncompromised communication.

Use 9 cm antenna of S1 Pro for greater range. Communicate smoothly even when you are much far away from your team.

Hear it, get it.

Always give you voice notications about channel number, battery level, conguration data, and more.
Get key information without any glance.



Application Scenarios



Hotel



Golf Club



Mall

Specifications

General	
Model	HYT-S35/HYT-S35 LF
Frequency Range	400-470 MHz (Main Unit)/446 MHz
Channel Capacity	256
Zone Capacity	6 (Digital+Analog)
Channel Capacity per Zone	88 (400-470 MHz)/16 (446 MHz)
Channel Spacing	12.5kHz/20kHz/25kHz
Operating Voltage	3.8 V (Rated)
Battery	2200mAh Li-Polymer
Battery Life (5/5/90 Duty Cycle, TX Power)*	Digital: 16 hrs (3W), 17 hrs (2W), 18 hrs (1W), 19 hrs (0.5W)
Frequency Stability	±0.5ppm
Antenna Impedance	50Ω
Dimensions (HxWxD)	108*53*20mm (without antenna)
Weight (With battery and antenna)	145g (with belt clip) 135g (without belt clip)
Display	1.3 inch OLED

Receiver	
Sensitivity	Analog: 0.18μV (12dB SINAD) Digital: 0.18μV
Adjacent Channel Selectivity	ETSI: 60dB@12.5kHz / 70dB@20/25kHz
Intermodulation	ETSI: 65dB@12.5/20/25kHz
Spurious Response Rejection	ETSI: 70dB@12.5/20/25kHz
Blocking	ETSI: 84dB
Hum&Noise	40dB@12.5kHz; 43dB@20kHz; 45dB@25kHz
Rated Audio Power Output	0.5W
Rated Audio Distortion	≤5%
Audio Response	+1 to -3dB
Conducted Spurious Emission	<-57dBm

Transmitter	
Power Output	400-470 MHz: 1W/2W/3W(low/medium/high) 446 MHz: 0.5W
FM Modulation	11K0F3E@12.5kHz 14K0F3E@20kHz 16K0F3E@25kHz
4FSK Digital Modulation	12.5kHz (only data): 7K60FXD 12.5kHz (V+D): 7K60FXW
Conducted/Radiated Emission	-36dBm＜1GHz;-30dBm＞1GHz
Modulation Limiting	±2.5kHz@12.5kHz; ±4.0kHz@20kHz; ±5.0kHz@25kHz
FM Hum&Noise	40dB@12.5kHz; 43dB@20kHz; 45dB@25kHz
Adjacent Channel Power	60dB@12.5kHz; 70dB@20/25kHz
Audio Response	+1 to -3dB
Audio Distortion	≤3%

* Data comes from Hytera labs. Actual battery life will vary.

Environment	
Operating Temperature	-10°C~ +55°C
Storage Temperature	-30°C ~ +70°C
ESD	±8kV (Contact) ±15kV (Air)

Accessories

● Standard ● Optional



● Antenna (400-440/430-470 MHz)



● Battery



● Belt clip



● Strap



● Antenna (9cm, 400-470 MHz)



● USB Type-C cable



● Multi-unit charger



● Earpiece



● Adapter