Hytera

30th 1993-2023

Stay True to Our Mission

## 30 years of radio communications, beyond.

**1993**
Shenzhen HYT Technology Co., Ltd. (as Hytera was formerly known) established in Shenzhen

**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.

FUNK FUCHS
wireless solutions

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Hytera

# S1 mini
# S1 mini LF

## Business Two-way Radio

Tiny. Mighty.

www.hytera.com

Hytera S1 mini/S1 mini LF is a tiny business-ready analog radio for restaurant, book store, or beauty salon, and more. It blends fashion and communication like never before—first-of-its-kind design, minimalist style, reliable PTT service, superb audio, long-lasting battery, and more. This radio helps you better stay connected with your team while staying focused on your customers.

# S1 mini/S1 mini LF

# TINY

## Mini. Elegant.

48 g. Go light as air.
Frosted finish.

## Anywear.

Chest, pocket, belt, or lapel.
Chic style for any outfits.

## PTT button, large and standout.

Anti-abrasion. Stand up to over 150,000 presses.

## HD Screen, durable and intuitive.

Anti-dirt. Anti-abrasion. Anti-oil.
Let you clearly see channel number, ID, battery level, or other key information.

# MIGHTY

## Stay connected in the workplace.

10,000 square meters of indoor communication range*.
The S1 mini/S1 mini LF delivers reliable, seamless communications to improve team coordination and collaboration in the workplace, thanks to Hytera RF&Antenna Lab's expertise and 30-year extensive experience in professional communications.

* The communications distance is subject to the actual environments.

## Chat publicly.

Built-in speaker for loud audios*.

* Recommended for use in quiet environments.

## Chat privately.

10 g standard earpiece* — ergonomically engineered with ultra-soft silicone for perfect fit and long-time comfort, adjustable for either ear, and delivering clear and pristine audio.

Your privacy is ensured, and your customers' experience is elevated. It is a win-win.

* The earpiece is connected to the radio only after you hear a click.

## 16-pocket charger, a great time-saver.

Charge your radios in batches, easily and quickly.
Say goodbye to cable chaos.

## One charge, double shifts.

**100 hrs**
standby time

**16 hrs**
working time
(5/5/90 duty cycle)

750 mAh Li-polymer battery*.
Universal USB Type-C charging port.

* Turn off S1 mini if you do not use it for a long time(more than 1 week).
For long-term storage, recharge S1 mini once every three months.
The charging time is half to one hour until two or three bars appear on the battery indicator.

# EFFICIENT

## Simple management.

Hytera Radio app on your phone,
a high-efficient radio manager.

Download APP Now

## New meets old in harmony.

Quickly communicate with your existing radios,
regardless of brands and models.
S1 mini protects your assets in its way.

## AirClone, simple and fast.

Clone configuration data from one to many.
All done in a flash.

## Your label, your way.

Easy to spot your radio from the crowd.

## Hear it. Get it.

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

## Application Scenarios

Restaurant | Cafe | Bookstore | Beauty Salon

## Specifications

| General | |
|---|---|
| Model | HYT-S10/HYT-S10 LF |
| Frequency Range | 400-440 MHz, 430-470 MHz/446 MHz |
| Channel Capacity | 16 |
| Zone Capacity | 1 |
| Channel Capacity per Zone | 16 |
| Channel Spacing | 12.5 kHz/20 kHz/25 kHz |
| Operating Voltage | 3.8 V (Rated) |
| Battery | 750 mAh Li-Polymer |
| Battery Life (5/5/90 Duty Cycle, TX Power)* | With earpiece: 16 hrs (1W)/18 hrs (0.5W) |
| Frequency Stability | ±2 ppm |
| Antenna Impedance | 50 Ω |
| Dimensions (H×W×D) | 99×30×16 mm (Without belt clip) |
| Weight (with battery and antenna) | 48 g |
| Display | 0.88 inch |

| Receiver | |
|---|---|
| Sensitivity | 0.14μV |
| 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<br>43dB@20kHz<br>45dB@25kHz |
| Rated Audio Power Output | 0.5W |
| Rated Audio Distortion | ≤5% |
| Audio Response | +1 to -3dB |
| Conducted Spurious Emission | <-57dBm |

| Transmitter | |
|---|---|
| Power Output | 400-440 MHz, 430-470 MHz: 1W<br>446 MHz: 0.5W |
| FM Modulation | 11K0F3E@12.5kHz; 14K0F3E@20kHz; 16K0F3E@25kHz |
| 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% |

| Environment | |
|---|---|
| Operating Temperature | 0℃ ~ +55℃ |
| Storage Temperature | -30℃ ~ +70℃ |
| ESD | ±4kV (Contact)<br>±8kV (Air) |

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

## Accessories

● Standard ● Optional

● Earpiece

● Strap

● Type-C Charging Cable

● Adapter

● Multi-unit Charger