



S1 mini  
S1 mini LF

# Business Two-way Radio

Tiny. Mighty.



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



Audio Jack (3.5 mm)



Belt Clip



Label Position



0.88-inch Screen  
(4-digit ID/channel)



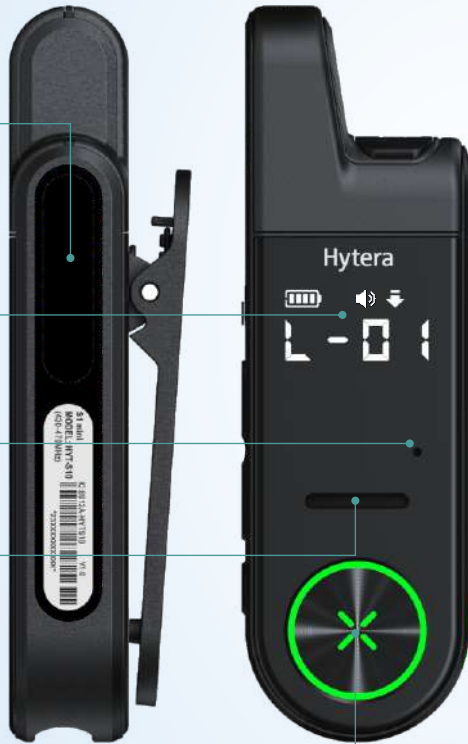
Microphone



Speaker



PTT Button  
(with color ring LED)



Antenna



On-Off Key  
(programmable)



Volume+  
Channel Up Key  
(programmable)



Volume-  
Channel Down Key  
(programmable)



Mode Key  
(volume/channel)



USB Type-C Port

# 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.



# 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.

Battery low

Succeeded

Pairing request received



# 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
BT	BLE (only data) 5.0

### Receiver

Sensitivity	0.14μV
Adjacent Channel Selectivity	ETS: 60dB@12.5kHz/70dB@20/25kHz
Intermodulation	ETS: 65dB@12.5/20/25kHz
Spurious Response Rejection	ETS: 70dB@12.5/20/25kHz
Blocking	ETS: 84dB
	40dB@12.5kHz
Hum&Noise	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	400-440 MHz, 430-470 MHz: 1W 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°C ~ +55°C
Storage Temperature	-30°C ~ +70°C
ESD	±4kV (Contact) ±8kV (Air)

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

## Accessories

● Standard ● Optional



Earpiece



Strap



Type-C Charging Cable



Adapter

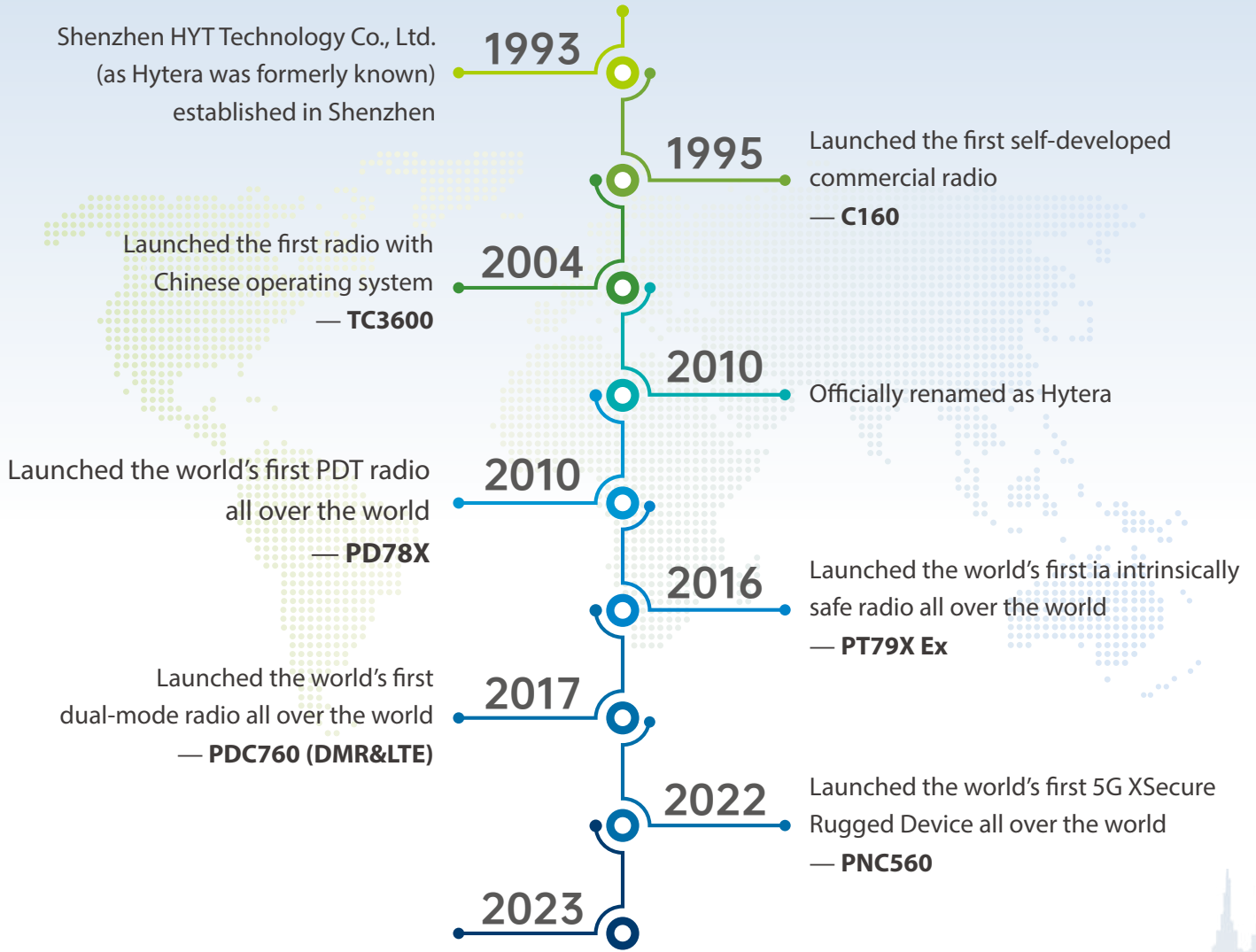


Multi-unit Charger



Stay True to Our Mission

## 30 years of radio communications, beyond.



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



**Hytera Communications Corporation Limited**

Stock Code: 002583.SZ

Address: Hytera Tower, Hi-Tech Industrial Park North, 9108# Beihuan Road, Nanshan District, Shenzhen, P.R.C

Tel: +86-755-2697 2999 Fax: +86-755-8613 7139 Post: 518057

Https://www.hytera.com marketing@hytera.com



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