



# MOTOTRBO™ SL500

ENRIQUE ROJAS  
PCR ENTERPRISE PRODUCT  
MANAGER

**PORTABILITY AND  
SIMPLICITY REDEFINED**



# MOTOTRBO PORTFOLIO



## COMMERCIAL



DP450

SL500

## ENTRY PROFESSIONAL



DEP500

DEP550

## PROFESSIONAL



DGP4150

DGP6150

## PROFESSIONAL ENHANCED



XPR 7350  
XPR 7380

XPR 7550  
XPR 7580

SL 7550  
SL 7580  
SL 7590

## SPECIALIZED



XPR 6580 I.S.

XPR 7550 I.S.



DM400



DEM500



DDM300



DGM6100



DGM4100



DGM8500  
DGM5500



DGM8000  
DGM5000

VOICE

VOICE,  
BASIC SYSTEMS

VOICE, DATA,  
SYSTEMS, APPS

VOICE, ENHANCED DATA,  
SYSTEMS, APPS, FEATURES

CERTIFIED FOR  
HAZARDOUS AREAS

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# SL500 OVERVIEW



## Commercial tier MOTOTRBO portable

- Slim, attractive form factor.
- Simple and intuitive operation.
- Rugged, reliable, long battery life.
- Advanced technology for high performance.





# VALUE PROPOSITION



## SIMPLE OPERATION

Intuitive design with innovative display supports easy radio operation.

## ULTRA-SLIM PROFILE

Slim form factor and full accessories portfolio provide ultra-portability.

## RUGGED AND RELIABLE

Lightweight and robust for durability. High efficiency for long battery life.

## ADVANCED TECHNOLOGY

Sophisticated design gives louder audio, longer range, lower maintenance.



# USE CASES



## Education



A **Teacher** needs an easy-to-use, light weight and versatile communications tool to help her adapt to the many challenging environments they face everyday.

## Hospitality



An **Event Manager** needs a slim and light communications tool that looks as professional as he does.

## Private Security



A **Private Security** needs an easy and reliable communications tool to serve as a “lifeline” in times of emergency.



# USE CASES



## Manufacturing



A **Worker** not only will not need to worry about scratching the display of the device (shatterproof Active View) but this also shuts off when not in use to conserving battery life.

## Retail



A **Store clerk** can use the patented Range Max Technology to better communicate with the stock room personnel.

## Mining



A **Miner** can take advantage of a device rated IP54 for dust and water resistance and it can be used even in harsh environments..



# FEATURES



**Analog and Digital Operation**



**Ultra-slim Form Factor**



**Active View Display**



**Ergonomic Controls**



**Range Max for Enhanced Coverage**



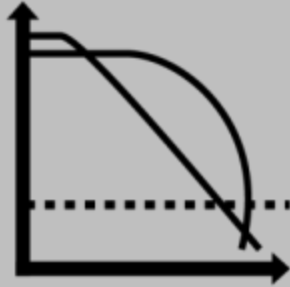
**MicroUSB Connectivity**



# DIGITAL ADVANTAGES



## COVERAGE



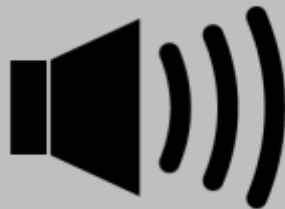
Clear audio in fringe coverage areas

## CAPACITY



Double the calls in the same channel

## AUDIO QUALITY



Clear and crisp, with less background noise

## TALK TIME



40% lower battery consumption

(Compared to analog radios of similar power and frequency)





# ACTIVE VIEW DISPLAY



Channel  
Alias



Channel  
Alias  
Scrolling



Channel  
Number



Volume  
level



Battery  
Charged



Tones On



Tones Off



Display  
Brightness



Voice  
Announcement



Power  
level

## Crisp and Clear

- LED matrix: No glare or reflections
- Displays radio channel, battery status, caller ID, volume

## Durable

- LEDs are hidden under radio front.
- No more cracked or scratched LCD screens

## Energy Efficient

- Display shuts off when not in use to conserve energy

An innovative display that efficiently communicates important radio information.



# ERGONOMIC CONTROLS



## Channel Rocker Switch

- Select channels easily
- Fast-scroll 10 channels at once (display model)
- One hand operation

## Prominent Push-To-Talk

- Easy to locate
- Large surface area
- Positive action

## Side Volume Controls

- Intuitive positioning
- One hand operation

## Programmable Button

- Fast access



Ergonomic and intuitive design allows easy access to all controls.



# HIGH PERFORMANCE



## High Speaker Volume

- Loud, clear audio

## Cleaner for longer

- Better magnetic shielding
- Less dust attraction

## Excellent coverage

- Enhanced range

## Long Battery Life

- Up to 15 hours

Quality engineered to perform better.

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# RANGE MAX TECHNOLOGY



## Optimized Performance

- Delivers long range and long battery life in a slim profile.

## Advanced Design

- High performance professional radio technology.
- Patented antenna design.
- Delivers enhanced range.

## High Performance

- Long range.
- Long battery life.

Advanced technology for long range and long battery life.

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# HIGH LOUDNESS



Competitive  
Commercial Radio  
92.6 phon



SL500  
97.6 phon

## Louder, Clearer Audio

- SL500 has a high power amplifier and loud speaker.
- Received audio is heard more than twice as loud as competitive radios.
- Your workforce can communicate safely and clearly.

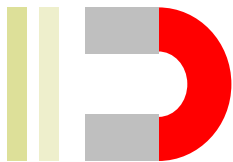
Professional-grade audio for loud, clear conversations.



# CLEANER FOR LONGER



Competitive  
Commercial Radio  
300-530 Gauss



SL500  
105 Gauss

## Longer Lasting Radios

- The magnetic field from an audio speaker tends to attract dust and particles into the radio.
- SL500 has been engineered to have excellent shielding.
- Your radio will stay cleaner and clearer for longer.

High quality design for longer lasting radios.

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# GALLERY



**Display (99 channels)**

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# ACCESSORIES



## BATTERIES, CHARGERS AND ANTENNAS



- Keep your radios functioning at all times with these essentials.
- Charge your batteries in single or multi-unit chargers, or with portable MicroUSB chargers.
- Outfit your SL500 with the appropriate antenna, and customize radios with colored antenna ID bands.





# ACCESSORIES



## AUDIO ACCESSORIES



- MOTOTRBO audio accessories for SL500 are designed for lasting comfort and improved device performance.
- In-line microphones and prominent push-to-talk buttons provide easy hands-free communication.



# ACCESSORIES



## CARRY ACCESSORIES



- Customize your SL500 with our versatile portfolio of carry accessories.
- As well as a belt clip and rigid holster, a flexible hand strap and wrist strap are available.



# SPECIFICATIONS



## FREQUENCY BANDS

VHF, UHF Band 1

## DIMENSIONS

4.95 X 2.17 x 0.87 in, 6 oz

## POWER

1 or 3W (Digital)

1 or 2W (Analog)

## CHANNEL CAPACITY

99 (Display)

## BATTERY

Up to 15.0/12.5 hrs (Digital/Analog)

## AUDIO

0.5 W (Internal)

## DURABILITY

IP54-rated

-10 °C to +60 °C Operating

-40 °C to +85 °C Storage





# POSITIONING FEATURES



## Robustness

- IP54 Rating
- No more cracked or scratched LCD screens

## Ergonomics and Design

- Award winning design/innovation
- Slim .86 inches thick wide
- Ultra light (6 oz)
- Several carrying options included

## Increase Coverage

- IPSC
  - Roaming
- Smart Range Design
  - Range with slim profile antenna

## Interact with existing analog fleet

- 3W in Digital/2W analog
- UHF Band 1 (403-470 MHz) and VHF (136-174 MHz)
- Quik-Call II and MDC 1200
- compatible



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# PRICING AND AVAILABILITY



<b>NOLA</b>	
<b>Honduras</b>	Ready
<b>Nicaragua</b>	Ready
<b>Guatemala</b>	Ready
<b>El Salvador</b>	Ready
<b>Costa Rica</b>	Ready
<b>Panama</b>	Ready
<b>Bahamas</b>	Ready
<b>Cayman Isld</b>	Ready
<b>Puerto Rico</b>	Ready
<b>USVI</b>	Ready
<b>Netherlands Antilles</b>	Ready
<b>Guadalupe</b>	Ready
<b>martinica</b>	Ready
<b>Aguilla</b>	Ready
<b>Colombia</b>	Ready

<b>Territories</b>	
<b>Mexico</b>	Ready

<b>SOLA</b>	
<b>Chile</b>	Ready
<b>Peru</b>	Ready

<b>Pending</b>	
Venezuela	30-Apr
Ecuador	15-Apr
Argentina	16-Apr



**THANK  
YOU**