Nitro™

SLN 1000
PORTABLE TWO-WAY RADIO

If you run a commercial operation — whether it's a hotel, theme park, factory or warehouse — you've always relied on instant voice communications as your workforce backbone. That's why, even on a CBRS broadband network, voice is critical: every element of your operation needs to work in service of outstanding collaboration.

LEADING WITH VOICE

Instant-voice communications will always be business-critical. Whether your teams are on the front lines with the customer, on busy factory floors or in densely-packed warehouses, a single break in voice communication can mean a broken workflow — or a serious accident. The SLN 1000 delivers highly reliable broadband push-to-talk, ensuring your voice conversations sound clearer and more natural. Nitro's interoperability lets you seamlessly push-to-talk and share talkgroups with MOTOTRBO land mobile radio (LMR) networks, WAVE radios and smartphones — across the street or around the world.

PORTABLE WI-FI HOTSPOT

Get the full benefit of your Nitro network with legacy data devices. Connect up to two devices to the SLN 1000 via Wi-Fi and enjoy the performance and mobility offered by CBRS.

FULL MANAGEMENT AND CONTROL

Get full control over your fleet via the Nitro portal — a cloud-based tool that lets you make changes from anywhere. Set up new talkgroups, add users and push device updates in just minutes.

Product Highlights

- First purpose-built OnGo CBRS radio (OnGo 3.5 GHz network compatible)
- Simple management through the Nitro Cloud Portal
- High fidelity wideband audio
- Interoperates with existing MOTOTRBO LMR networks, WAVE™ radios and smartphones running the WAVE app*
- Up to 15 hours of battery life
- Wi-Fi hotspot (2.4 GHz) with CBRS backhaul, for up to two clients
- Wi-Fi client (2.4 GHz and 5 GHz)
- Compatible with most TLK 100, SL300 and SL3500e accessories

*Interoperation requires a service plan and is exclusively available through a Nitro network

A service plan and SIM card is required for device operation.

MOTOROLA SOLUTIONS

GENERAL SPECIFICATIONS

Dimensions	131 mm H x 59 mm W x 22 mm D
Dimensions (with antenna)	169 mm H x 59 mm W x 22 mm D
Weight (with antenna)	< 180g with battery
Battery	2500 mAh Li-Ion
Battery Life	Up to 15 hrs
RF Banding	LTE Band 48 (3.5 GHz) CAT 4
Audio	Wideband (16K) SPL: 96 DBphon at 30 cm

CONNECTIVITY

Bluetooth	4.2 BR/EDR/LE
Bluetooth Profiles	HFP, SPP and BLE GATT
Wi-Fi Client Band	2.4 GHz, 5 GHz
Wi-Fi Hotspot Band	2.4 GHz
WiFi Standards	802.11 a/b/g/n
GNSS	GPS/GLONASS/Galileo/BeiDou

ENVIRONMENTAL

Operating Temperature	-20°C to +60°C
Storage Temperature	-40°C to +85°C
Ruggedness	IP54 protection against dust and water splashes
Durability	Continues to run after multiple drops to concrete at 4 ft (121cm)
	MIL-STD- 810G Method 516.7 Procedure IV

HARDWARE

Display	Active View Display
Ports	Micro USB
	Single Pin Audio Interface (OPAI)
Buttons	Volume Up/Down, Power, Channel Toggle, PTT, Side Button
Charging	Contacts on Side, Micro USB
SIM	Customer Removable
	3FF size

ACCESSORIES

PMNN4578	2500 mAh Li-Ion Battery
PMLN7189	Swivel earpiece, In-Line Mic & PTT
PMLN7157	2-Wire with Translucent Tube, Black
PMLN7158	One-Wire Surveillance Earpiece, In-Line Mic & PTT
PMLN7159	Adjustable D-Style Earpiece, In-Line Mic & PTT

SLN 1000
PORTABLE TWO-WAY RADIO

For more information, please visit www.motorolasolutions.com/SLN1000

MOTOROLA SOLUTIONS