

UNIFON

2 YEARS
WARRANTY

**ENGINEERED
FOR
TOUGH
CONDITIONS**

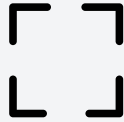
**LF
46**



Robust & Sleek



Protection
on against
VSWR



**Priority
Scan**



Busy
Channel
Lockout



**CTCSS
DCS
function**



Low
Battery
Alert



**PC
Configurable**



VOX



**Channel
Annunciation**

POWER THAT LASTS ALL DAY

Say goodbye to mid-shift power interruptions. The **UNIFON LF-46** features a cutting-edge, **high-capacity** battery that delivers unmatched endurance, ensuring it stays by your side through the toughest workdays. Stay connected, from start to finish.

LIGHTWEIGHT AND BUILT FOR COMFORT

Engineered with ease in mind, the **UNIFON LF-46** weighs under **10 ounces**, making it one of the most lightweight radios in its league. Its sleek, ergonomic build fits perfectly in your hand, so you can stay focused and productive without unnecessary bulk.

EXCEPTIONAL AUDIO IN EVERY ENVIRONMENT

Whether you're on a bustling factory floor or a noisy job site, the **UNIFON LF-46** delivers **sharp and clear audio**. Never miss a critical message, no matter how loud the environment gets.





TESTERS
DATA

SPECIFICATIONS

General

Frequency	446-446.2MHz
Channel Capacity	16 channels
Power Supply	7.4v DC
Dimensions	120 mm(H) X 55 mm(W) X 35 mm(D)
Weight	280g
Operating Temperature	-20°C to +55°C
Battery Capacity	3000mAh; Li-ion Battery

Transmitter

RF Power	0.5W
Channel spacing	12.5 kHz
Frequency Stability	±1.5ppm
Modulation Deviation	≤2.5kHz / ≤5kHz
Spurious & Harmonics	-36dBm<1Ghz, -30dBm>1Ghz
FM Hum & Noise	≤-40dB / ≤+40dB
Adjacent Channel Power	≥60dB / 70dB
Audio Frequency Response (Premphasis, 300 to 3000Hz)	+3dB ~ -3dB
Audio Distortion (Premphasis, 300 to 3000Hz)	≤5%

Receiver

Sensitivity (12dB SINAD)	≤0.25μV / ≤0.35μV
Adjacent Channel Selectivity	-60dB / -70dB
Audio Distortion	≤5%
Radiated Spurious Emissions	-54dBm
Intermodulation Rejection	-70dB
Audio Output @ <5% Distortion	1W
Spurious Response	65dB

UNIFON

ACCESSORIES



Advanced Lithium Battery

Power that outlast your shift
keep your communication robust
throughout the day



Easy Release Belt Clip

Effortless attachment, Secure hold



Long range Antenna

Clear signal, Clear communication



Turbo charger

Quick charge for Maximum
Uptime



Anti Slip Grip

Firm Hold, Minimum Fatigue



Why UNIFON ?

Unifon is a leading provider of advanced communication and safety solutions, specializing in walkie-talkies, body-worn cameras, alcohol analyzers, antennas, and a wide range of essential accessories. Unifon is dedicated to quality, reliability, and innovation in every product, aiming to set new standards in safety and communication technologies.

Our mission is to deliver high-performance tools for professionals across various industries, with a vision to be the go-to brand for dependable, innovative communication solutions. Unifon's commitment to quality ensures our products meet global standards, making us a trusted name in safety and communication.

Mission

To provide reliable and innovative communication and safety solutions that empower industries and individuals with high-performance tools, enhancing safety, efficiency, and connectivity.

Vision

To become the global leader in communication and safety technology, delivering cutting-edge solutions and setting industry standards for quality, durability, and trust.



Integrity

Upholding honesty and transparency in all our dealings.



Innovation

Continuously advancing technology to meet evolving industry needs.



Quality

Ensuring every product meets the highest standards of performance and durability.



Customer-Centricity

Focusing on client needs and satisfaction, providing exceptional after-sales service.



Reliability

Providing dependable products that withstand rigorous conditions.



Industry Expertise

Specialized in walkie-talkies, body-worn cameras, alcohol analyzers, and communication accessories.



High-Quality Products

Crafted for durability and performance in diverse professional environments.



Comprehensive Range

From communication devices to essential safety gear, we offer a complete solution.



Customer Commitment

Dedicated to exceptional support and after-sales service.



Trusted by Professionals

A reliable partner for security, logistics, law enforcement, and various other sectors.



UNIFON



www.unifon.in