TALK.
LIVE.
NOW.

Talkpod

S69

PUSH-TO-TALK
SMART RADIO

Talkpod Technology Co., Ltd.

RESPOND NOW

TALKPOD S69 IS A FUTURISTIC PUSH–TO–TALK SMART RADIO FOR FIRST RESPONDERS, SMART CONNECTED WITH DIFFERENT DEVICES, NETWORKS AND DATA APPLICATIONS ACROSS MANY ENVIRONMENTS.

Talkpod S Series brings together most PTT perform operator, an open API Push–to–talk over Cellular custom system on the Android 9.0 platform, and access to the PoC, McPTT and IoT technology ecosystem — including video security and analytics, and best–in–class network security.

With Talkpod Smart radio, teams stay connected across networks and devices. Interfaces are streamlined. Workflows are accelerated. Mission–critical reliability is ensured. And the focus that keeps critical personnel safe and effective, is protected. And the capabilities your workforce needs to be at their best are always connected.

FEATURE

- ANDROID 9.0 PLATFORM
- 3.0–INCH IPS TOUCH DISPLAY
- 13MP & 5MP DUAL–CAMERAS,
- OPEN API FOR POC ECOSYSTEM
- FULL MULTIMEDIA CAPABILITIES
- BUILT FOR ANY ENVIRONMENT
- INDUSTRY–LEADING AUDIO
- INTRINSICALLY SAFE
- NFC AVAILIABLE
- BROADBAND DATA (LTE, WI–FI, BLUETOOTH)

ALWAYS.
READY.
NOW.

ALWAYS DEPENDABILITY

Smart series designed for dependability and ease of use, in any environment. and ultra–strong PC+ABS materials is used inside and out for outstanding impact resilience. Pristine audio quality lets you hear and be heard when it matters most.

ALWAYS POWER ON

Smart power management system keeps you connected beyond radio coverage, and energy–dense batteries keep you powered up. The result is a radio that works when you need it, without pause, distraction or doubt.

ALWAYS CONNECTED

Built to keep your workforce connected anywhere you do business. You can seamlessly communicate through voice and data, over the broadband and Data Network. And You can switch between 4G LTE , 3G WCDMA and business Wi–Fi netwrok your smart radio system coverage, so your connectivity is always on when you need it.

ALWAYS SEEING

13MP Camera with LED Flash and 5MP Front Cameras running with an open API Android 9.0 system. An intuitive touchscreen lets you view high resolution images, and an integrated camera lets you send photos and videos.

ALWAYS SAFETY

Man Down and Lone Worker can be linked to indoor and outdoor location services for maximum effectiveness. Increase the safety and accountability of your staff by deploying these applications.

APPS OPEN POSSIBLILTY NOW.

TALKPOD SMART RADIO, THE APPS YOUR ENTERPRISE NEEDS (LIKE PUSH–TO–TALK, VIDEO PTT, VOLTE, TICKETING, SCANNING, SEARCHING, COLLABORATING, AND MORE) ARE READY FOR YOU.

THE TALKPOD CUSTOM RADIO OS IS YOUR ENTRY POINT TO OUR FULL TECHNOLOGY ECOSYSTEM, WHERE YOUR VOICE, VIDEO, DATA, AND ANALYTICS ARE UNIFIED ON ONE ENTERPRISE PLATFORM.

PUSH-TO-TALK APPS

Talkpod smart radio has been compaible with over 30 VoicePTT, VideoPTT & McPTT applications. Different apps meet the usage habits in different users, industries and countries. All apps are communicate and collaborate with individuals or teams at the touch of a button.

LOCATION APPS

Track your vehicles and your staff for improved safety, security and accountability. These applications allow you to make the most of GPS by different apps location tracking capabilities.

SCANNING APPS

13 MP camera and autofocus have collaborated with barcode scanning application for intuitive use on Talkpod smart radio, even adding the capability to use one of the two programmable buttons to trigger the scanning capability.

MESSAGING APPS

Enhance productivity by connecting your radio network with your text and email system. Allow your staff to use advanced work order ticketing solutions, or simply streamline the flow of information between office and shop floor.

PUSH-TO-TALK RIGHT NOW

PUSH–TO–TALK (PTT) IS INSTANT ONE–TO–MANY OR ONE–TO–ONE MOBILE VOICE COMMUNICATION WITHOUT PROTRACTED DIALING, RINGING, AND ANSWERING STEPS IN A REGULAR PHONE CALL. IN ADDITION, A PTT SYSTEM TYPICALLY ALLOWS ONLY ONE PERSON TO SPEAK AT A TIME (VIA HALF–DUPLEX COMMUNICATION) AND PROVIDES CALL FLOOR CONTROL MECHANISMS.

WHILE PTT SYSTEMS AND SERVICES HAVE EVOLVED TO PROVIDE MORE CAPABILITIES, THE KEY BENEFIT OF PTT HAS REMAINED THE SAME: HIGHEST EFFICIENCY OF MOBILE VOICE COMMUNICATION NOT AVAILABLE FROM ANY OTHER COMMUNICATION TOOLS.

PTT Communications — Fast, secure and reliable PTT voice communication at the touch of a button. Collaborate with an individual or predefined groups.
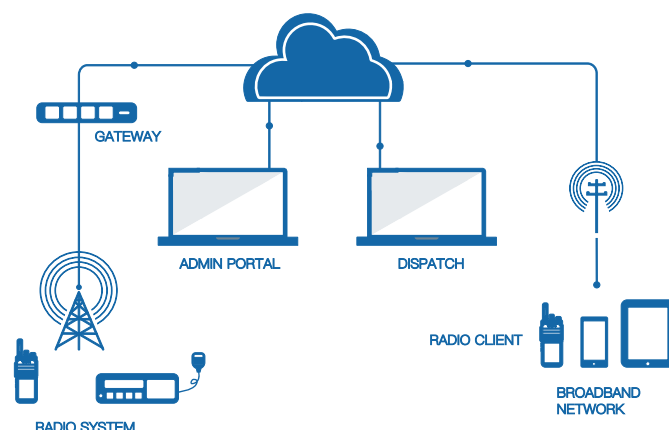
Integrated Messaging — Push text, video, audio, photos and files to individuals or groups. See threaded history for communication details. Store and forward is supported for offline users.

Mapping and Location — Find an address, coordinate a meeting place or share your location with others.

Photo and Video Sharing — Take a photo or record a video and share with your team for instant clarity of information.

Voice Messaging — Leave a message when a contact or group members are unavailable. PTT solution will automatically deliver the message when users become available.

Real–Time Presence — Set your status and see who is available with real–time presence information — Battery percentage and signal status.

GATEWAY

ADMIN PORTAL   DISPATCH

RADIO CLIENT

RADIO SYSTEM

BROADBAND NETWORK

DEDICATED DESIGN FOR NOW.

TALKPOD S69 IS A BASIC PUBLIC SAFETY – BUSINESS CLASS COMMUNICATION DEVICE WITH VOICE, VIDEO AND BROADBAND DATA CAPABILITIES. FOR PUBLIC SAFETY TECHNOLOGY TO BE USEFUL, IT HAS TO BE EFFORTLESS TO OPERATE IN EXTREME, HIGH–VELOCITY SITUATIONS. FROM HARDWARE ERGONOMICS TO USER INTERFACES TO VOICE INTERACTIONS. IT IS A CONVERGED DEVICE THAT WILL KEEP YOUR WORKFORCE CONNECTED ANYWHERE YOU DO BUSINESS, ALLOW YOU TO DEPLOY YOUR RADIOS FASTER AND KEEP THEM IN THE FIELD LONGER, AND HELP YOU STAY SAFE FROM CYBER THREATS.

DEDICATED PTT BUTTON

Talkpod smart radio matches powerful data capabilities with industry leading radio performance. S69 builds on reliable LMR expertise to give your team the business–critical PTT functionality they count on and trust.

QUICK VOLUME KNOB

When users use the radio, adjusting the appropriate volume is essential for communication. Talkpod smart radio retains the most standard knob design, allowing users to operate quickly and blindly without affecting work, and maintain clear communication.

REMOVEABLE BATTERY

The high capacity removeable battery designed for simple, reliable and easy care. Smart batteries and chargers charging management system helps lengthen battery life so you can be assured your radio battery is ready when you are.

HYPER LOUD SPEAKER

With the combined application of narrowband codec and digital error correction technologies, with Full–size front–facing 1W speakers, plus unique features such as Intelligent Audio and customized voice announcement to help you hear and speak clearly wherever your employees work.

ALWAYS CONNECTED, LINK NOW.

Built to keep your workforce connected anywhere you do business. You can seamlessly communicate through voice and data, over public and private networks. And our Seamless Voice Handover feature automatically switches you to broadband when you roam beyond your smart radio system coverage, so your connectivity is always on when you need it.

4G LTE
S69 enables broadband data capabilities and instant PTT voice over your LTE network of choice.

GPS
S69's GPS built–in gives you higher precision at lower cost, to enhance the safety and accountability of your team.

WI-FI
S69's Wi–Fi operability enables speedy data and voice capabilities. It also makes programming, provisioning, and updating your fleet faster than ever.
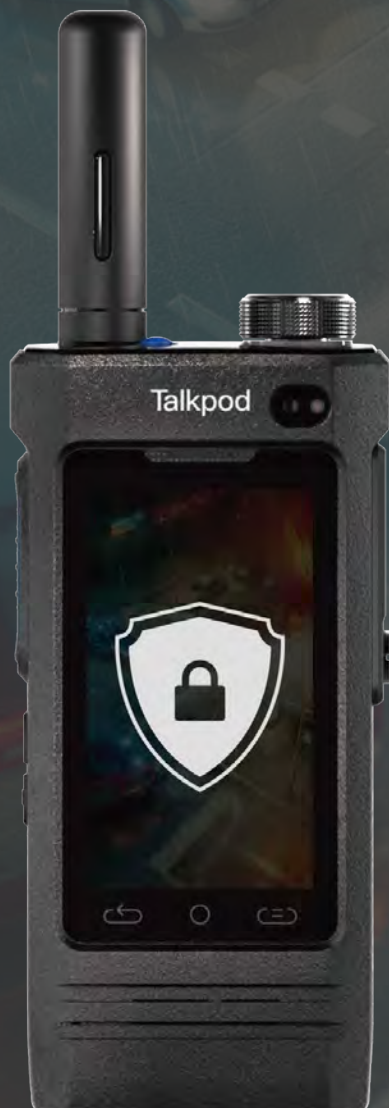
BLUETOOTH
S69's Wi–Fi operability enables speedy data and voice capabilities. It also makes programming, provisioning, and updating your fleet faster than ever.

NFC
QR–Patrol is a real–time online guard tour system based on NFC and QR–code tags use. The staff scans tags placed on locations and assets and the Monitoring Center gets informed in real–time about incidents and events.

SAFETY EVERY MOMENT, SECURITY NOW..

DEVICE SECURITY

TO PREVENT UNAUTHORIZED ACCESS

Talkpod work with MediaTek provides a trusted execution environment where critical functions and services are running uninterrupted, with only authenticated firmware, real–time integrity monitoring and threat protection against operating system and application attacks. Enforce security policies for your entire fleet using your selected Mobile Device Management security solution, and use multi–factor authentication to restrict access to the device and apps.

APPLICATION SECURITY

TO PREVENT MALICIOUS ACTIVITY

As a Google Mobile Services certified device, Google Play Protect continually scans every app on S69 for malware, including private applications, while Google Safe Browsing protects from malware and phishing. Control application access based on user profile through your selected security solution, with apps accessible through a managed version of the Google Play Store. And as an Android Enterprise Recommended device, timely security patches and major updates are guaranteed.

DATA SECURITY

TO SAFEGUARD CRITICAL DATA

Talkpod safeguards critical data at rest and in transit across all networks with industry–standard protocols and security requirements for connectivity interfaces. Keep business data separate within work profiles, to restrict data sharing between work and personal apps. S69 also meets accepted regulatory certifications and industry standards.

PUBLIC SAFETY

In an emergency, other first responders may be a few feet or several miles away. When every second counts, you need a radio you can rely on to get the job done. Since coordinating response and protecting lives is at the heart of every mission, every two–way radio transmission is crucial. Every radio has one job and one job only: to keep you safe.While broadband PTT has been originally driven by the needs of commercial business users, the evolving mission–critical push–to–talk (MCPTT) standard from 3GPP is aimed at allowing public safety agencies to leverage broadband PTT over LTE for mission– critical communications.

PUBLIC SAFETY USE CASES

EMERGENCY CALL

In an emergency, the police officer can activate the large emergency button on the top of the S69 to call for help with one touch. The dispatching station remotely activates the audio and video of the walkie–talkie, conducts two–way communication, remotely monitors the situation on the spot, provides necessary help and rescue, and can obtain evidence. .

IP68 AND MIL–STD–810G RATED

Wherever the mission takes you or whatever working conditions you face, you need a device that's as tough and durable as they come. The S69 is designed for constant use in tough, unforgiving environments. Protected by a ruggedized exoskeleton and Gorilla Glass, the S69 exceeds the MIL–STD–810G standard for drop and shock testing. Don't worry about rain, dust, extreme temperatures, or even the occasional drop. Rugged and durable yet streamlined and slim, you can count on the LEX L11 to perform when you need it most.

HIGH QUALITY AUDIO

In an emergency, communications need to be clear and immediately understood. That is why the S69 has been designed to let you hear and be heard clearly, reducing distortion, cancelling background noise, and suppressing unwanted feedback caused by other devices when in close proximity of each other. It's also tuned to minimize latency in PTT communications and further optimizes audio quality even when holstered.

FOR FIRSTNET

The FirstNet envisions real–time access, collection, and distribution of information concerning personnel, threats, hazards, and conditions in a manner tailored to public safety operations. Talkpod S69 is an upgraded version of the N5 series. It already can run most MCPTT apps including SECHAT, we try to provide in an open and safe operating environment for possiblity future.

TRANSPORTATION AND LOGISTICS

Transportation and logistics organisations are challenged by the ability to connect workers and teams across increasingly diverse devices — including two–way radios, smartphones, landline phones and internet/IP voice.The transportation industry is under an increasing amount of pressure to meet demand in shortened timeframes. Keeping up with these demands requires constant co–ordination and communication but transportation and logistics organisations face a number of unique challenges that impact their ability to communicate. Coverage must reach diverse facilities and widespread service areas. Devices must be durable and long–lasting across a variety of potentially challenging environments.

TRANSPORTATION AND LOGISTIC USE CASES

GPS TRACKING

The S69 Smart radio are built–in GPS, fleet supervisors and dispatchers can monitor their truck locations via a dashboard, track mileage and other metrics, or send instructions to the driver. The driver is able to communicate using both voice and data over LTE nationwide — and on a device designed to be tough enough for the road.

PACKAGES SCANNING

Courier using their S69 to scan packages, a courier receives a voice call to inform the transfer storage facility that a few more packages will be coming and need to be loaded into the cargo. Where this wareshouing process previously required several devices to complete, couriers can now simultaneously scan packages, communicate and radio with one device.

INTEGRATED VIDEO

Talkpod smart radio has built–in multiple 4G LTE network bands. Together with 4G LTE network operators with perfect coverage, it provides a full coverage communication network for buses shuttling between cities and villages. Bus dispatching companies can not only provide convenient GPS dispatching lines, but also voice and video push–to–talk function in case of emergency.

DISPATCHING SERVICE PERSONNEL

A gate service personnel tasked with assisting customers to and from the gate by wheelchair or motorised carts gets a notification on their Talkpod smart radio that they are assigned a new job. Unfortunately, they are currently assisting another customer. With S69, they are able to ask for re– assignment via the ticketing system, or place a voice call to the supervisor in order to request assistance.

TRAVEL & HOSPITALITY

Talkpod digital portable radio and POC communication system would allow us to not only double the capacity of User existing channels, but also cut them into the 100–plus talk groups that users needed. It would use the spectrum user were granted very efficiently and establish a stable communications environment for new residential community.

MANUFACTURING USE CASES

SHUTTLE SCHEDULING

A resort shuttle driver is able to use a single device to communicate with hotel staff from anywhere. In addition, the front desk is able to track the shuttle's location via a dashboard or other smart radio S69. This eliminates distractions for the driver and gives the team at the hotel more information at a glance.

ONLINE GUARD TOUR

The security personnel on duty of the hotel can conduct daily patrol inspection and record of the hotel through by the QR–Patrol NFC real–time online guard tour system. The staff scans tags placed on locations and assets and the Monitoring Center gets informed in real–time about incidents and events.

IoT SEAMLESS COLLABORATION

An error occurs on a connected thermostat in a guest's room, sending an alert to the facilities supervisor. The supervisor opens a work ticket and radios out to dispatch a maintenance team member. Within a few minutes, the supervisor receives an alert that the ticket has been resolved, all before the guest returns to their room.

WORK TICKETING

A waiter notices a water pipe leaking and radios out to maintenance. The waiter is also able to send an image of the issue directly to the maintenance supervisor. Armed with this critical information and a better understanding of the issue before getting on–site, the supervisor is able to dispatch someone from his team with the right parts and skills to quickly fix the issue.

MANUFACTURING

Talkpod S69 alleviates the challenges of device proliferation, keeping your team connected across networks and devices. Safety, efficiency and uptime all depend on fast, accurate decision–making and communications. In manufacturing facilities, workers face a number of unique challenges that impact the ability to communicate clearly and effectively. These include coverage throughout widespread and diverse facilities, audio quality in loud environments, long shifts, the need for device durability and reliability in multiple challenging environments.

MANUFACTURING USE CASES

CONNECTED WORK GROUPS

Every worker are in same work group, not only easy voice communications, it can also creates a work ticket from their S69. This action triggers a group chat with the correct subject matter experts, who can now triage the incident virtually in real time, with the ability to share images and steam video right from the production line.

INVENTORY BARCODE SCANNING

With the integrated scanning functionality, team members are able to use their S69 to scan the barcode of the paint and initiate a work order to secure the additional inventory required and using the voice communication to confirm the details.

WORK TICKETING

Using the S69 camera and custom apps, the worker is able to create a work ticket for the broken equipment, capture and attach a photo to the ticket, and radio out to the factory manager to make them aware and communicate of the issue.

VIDEO INTEGRATION

With security Apps and IoT end organs, the security supervisor receives a mobile alert on their S69 about suspicious activity in the loading dock located on the other side of the campus. Smart radio able to pull up a video security feed of that area directly from the factory floor, and instantly dispatch one of his team members by push–to–talk.

Acessories

Choose from a variety of Talkpod accessories designed, tested, and certified to optimize S69 performance.

However, in order to ensure the use effect, we recommend using the accessories recommended by Talkpod.

Standard Accessories

TBL18	TCA06	TPC08	TAT15
TCL06	TST01	TSC01	TPB01

Optional Accessories

TCA05	TCC01	TPB08	TEM09

Specification

CONNECTIVITY

LTE Bands	S69–A8E20 (EMEA) 4G LET : FDD B1/3/5/7/ 8/18/19/20/28A/28B/34 /38/39/40/41 UMTS/WCDMA: B1/B2/B5 /B8 GSM: 900 MHz, 2100HMz S69–A8E21 (APAC, NA & LA) 4G LTE: FDD: B1/2/3/4/5/7 /12/13/17/25/26/27 TDD: B41 UMTS/WCDMA: B1/B2/B4/B5 /B8 GSM: 850 MHz, 1900HMz
Bluetooth	Bluetooth 4.0 BLE(Low Energy)
GPS	GPS, GLONASS (option Beidou)
NFC	Reader/Writer mode Peer–to– Peer mode 13.5M ISO1443 15693
Wi-Fi – Operating Band	2.4 GHz
Wi-Fi – Standards	802.11 b/g/n
3GPP Rel	12+ compliant

BATTERY

Capacity	Standard Capacity – 4200 mAH 3.7V

RUGGEDNESS

Operating temperature	–20℃ to +55℃ (Battery charges between 0 – +45℃) Low Temperature Operational per MIL STD 810G, Method 502.5, Procedure II, High Temperature Operational per MIL STD 810G, Method 501.5, Procedure II
Storage temperature	–46℃ to +85℃ Low Temperature Storage per MIL STD 810G, Method 502.5, Procedure I / C3, High Temperature Storage per MIL STD 810G, Method 501.5, Procedure I, Cycle A1
Temperature Shock	MIL STD 810G, Method 503.5, Procedure I–C (–37℃ to +71℃)
Mechanical Shock	MIL STD 810G, Method 516.6, Procedure I (functional)
Drop	MIL–STD–810G 4ft on smooth concrete at 25℃
Salt fog	MIL STD 810G, Method 509.5
Solar Radiation	MIL STD 810G, Method 505.5, Procedure I
Random Vibration	MIL STD 810G, Method 514.6, Cat. 4 Random,Figure 514.6C–1. (HARD MOUNT)
Shock (Crash Hazard)	MIL STD 810G, Method 516.6, Procedure V
Humidity	MIL STD 810D Procedure I , Table 507.2–I MIL STD 810G, Method 507.5, Procedure II
Dust Resistance & Water Immersion	IP54
ESD	IEC 61000–4–2, Level 4. (+/–15kV air, +/–8kV contact)
Ball Impact	Chrome steel ball (130g, 1.25" diameter), 50 cm on the display

HARDWARE

Display	3.0"854 x 480 Pixel Capacitive, IPS Touch–Screen
Chipset	MT6739 Quad–core ARM® Cortex–A53 MPCoreTM operating at 1.28GHz
Memory	1 GB RAM 8 GB Internal Storage Storage is expandable with external 128 GB TF card
Camera	Rear 13 MP Auto Focus High–Output LED Flash Digital Zoom Front 5 MP
Sensor Platform	Ambient Light Sensor Gyroscope E–Compass
Ports	USB Type-C 13–Pin Audio & Data Earphone M6 Connector
Card Slot	1 Micro SIM Card Slot 1 Naro SIM Card Slot 1 TF Card Slot
Mission Critical Buttons	Dedicated PTT Button Dedicated Emergency Button 2 Programmable Buttons (Depend on platform) 3 Touch Key Volume /Power Knob

PHYSICAL

Dimensions(H x W x D).With Standard Battery	136mm x 56mm x 33mm
Weight. With Standard Battery	321g

AUDIO

Input	High–Sensitivity Microphones
Output	36CM 16Ω 1W Loud Speaker Built-in Stereo Headphones Speaker
Audio Formats	PCM, AAC/AAC+/eAAC+. WMA, WMA Lossless, WMAPro 10, AMR NB/WB, FLAC, ALAC, Vorbis, APE, AC3, eAC3,Non Native DSD

SOFTWARE

Operating System	Android 9.0 Pie
UI	Customized Talkpod OS
Google Apps	PTT Store、Google Store

VIDEO AND IMAGING

Supported Formats	H.263, H.264, MPEG–4 SP, VP8, JPEG (.jpg), GIF (.gif), PNG (.png), BMP (.bmp), WebP, (.webp) Formats Supported for Playback, Streaming, and Recording
Supported File Types	3GPP (.3gp), MPEG–4 (.mp4), WebM (.webm), (.mkv)
Video Recording Quality	4K (UHD) at 30 fps 1080p (FHD) at 60 fps

136mm

56mm

33mm

JUST ACTION NOW

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Talkpod is committed to developing products that help protect the environment.

Talkpod

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