

Talkpod

N50



PTT Network Android Radio

The Talkpod N50 PTT Network Android 9.0 Radio is equipped with open source smart system which gives the workers who need to stay connected by Push-to-Talk technology, It's a entry level PoC rugged portable and rated up to IP67 (optional) , its splash-proof and virtually dust proof are good for daily use in harsh environments.



Talkpod Technology Co., Ltd.

Features

- Classic Non-Screen
- IP 67 Highest
- Independent SOS Button
- Android 9.0
- B12/13/25/26/28
- GPS/Gloness/Beidou
- WIFI 802.11 B/G/N
- API Opened
- Personalization
- Bluetooth 4.0/BLE
- Man Down/Gyro
- Perfect Platform Matching
- Vibration Feedback
- Google Voice

Special Function

- **Open API for Push-To-Talk**

Offer to develop any PTT (Push-to-Talk) platform with Android application programming interface (API) extensions on this N50.

- **Loud and Clear Audio**

With the combined application of narrowband codec and digital error-correction technologies, N50 is capable of ensuring you superior voice in noisy environments or at the edge of the coverage area. In addition, it built-in a 1W speaker, N50 to ensure clear and crisp voice communication.

- **Small, Sleek, Light**

The N50 Slim Styling design Anti-skidding design, and have Dual-color injection molding, functionality and style.

- **IP67 Protection (Optional)**

The Ingress Protection reaches IP67 (6: Totally protected against dust; 7: Protected against the effects of immersion up to 1m for 30 minutes). It's the highest IP level for land-based wireless radio application.

- **Longer Battery Life**

The N50 work with a high capacity removable battery can operate for approximately 12 hours under a duty cycle of 5-90.

- **Fast and simple deploy radio system**

The PTT (push-to-talk) network radio use a variety of wireless access technology network cluster system, compared with traditional two-way radio's very limited distance calls, it can realize immediate calls in the public mobile communication network coverage, it is an extension and complement to traditional trunking communication products.

- **Working principle**

The Online PTT platform radio should use SIM card, it works with mobile data or wifi instead of VHF/UHF Frequency. It works with GSM/WCDMA/850/1900/900/1800.LTE Our PTT network radios are like your mobile, it can talk anywhere at any time if network is covered.

- **Management Platform**

For our agent platform, which can help dealers or agents to manage radios company, manage radio trading record, add radios, sub-agents, doing OEM with dealer's logo. For Company platform, which manage final user accounts, radios groups, radios audios, GPS tracking.

User Scenario

The N50 is fully functional and can be used in a single call. Large user capacity within the group, group calls; cross-domain linkage; not subject to geographical and distance restrictions; remote real-time scheduling can be achieved to help customers calmly face complex and changing application environments.



Taxi



Transport



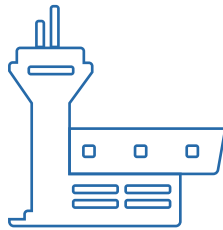
Truck



Hospital



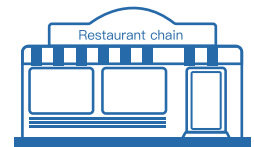
Venue



Airport



Community



Restaurant



Product Description

The fuselage is fashionable and conforms to ergonomics; it can meet various environmental and working requirements through a number of international-level protection standards.



Product Accessories

Choose from a variety of Talkpod accessories designed, tested, and certified to optimize N50 performance. However, in order to ensure the use effect, we recommend using the accessories recommended by Talkpod.

Standard Accessories



TBL01



TBC02



TCA01



TAT12



TCL04



TST01



TSC01



TPB01

Optional Accessories



TBL02



TBL03



TCA03



TCA06



TPC03



TPC06



TMC01



TCC01



TBL02E



TQC01



TCL02



TEM09

Product Specification

General Specifications	
Ports	Kenwood Standard Type
Knob	Channel and Volume/On/Off
Dedicated Keys	PTT, SOS, Programmable Keys
SIM Card Slot	1 x Standard SIM+1 Naro SIM
Speaker	36mm loud speaker
Microphone	High sensitivity
Dimensions (H x W x D)	115x56x30(mm)/4.52x2.2x1.18(in)
Weight	253g/8.92oz
Battery Capacity	7.4,1650/3000mAh Li-Ion Battery
Battery Life	1650mAh Battery: Talk (5-5-90): 8hrs 3000mAh Battery: Talk (5-5-90): 14hrs

General Specifications	
WiFi	802.11 b/g/n
Memory	8GB storage/1G RAM
Applications	Google Play,Push-to-talk APP
Bluetooth	4.0/BLE(Low Energy)
GPS	Default
Chipset	MTK6739
Operating System	Android 9.0
TF Card Slot	Support up to 128G
warranty	2 Years

Version Information	
Model Number	N50
A-A4-E18 For Europe	4G:B1/3/5/7/8/18/19/20/ 28A/28B TDD:B34/38/39/40/41
	3G:B1/2/5/8 TDD:B34/35 CDMA2000: BC0
	GSM: B2/3/5/8
A-A4-E19 For US	4G:B1/2/3/4/5/7/12/13/ 17/25/26/27
	3G:B1/2/4/5/8
	GSM: B2/3/5/8

Certification	
CE FCC & IC ID	FCC 2ADQZTP4GNX
Dustproof and waterproof	IP54(Standard)/IP67(Optional)

The above specifications are tested according to applicable standards. Due to the continuous development of technology, the above index data is subject to change without notice.

Environmental Index					
MIL-STD	810C	810D	810E	810F	810G
Low Pressure	500.1/ I	500.2/ I, II	500.3/ I, II	500.4/ I, II	500.5/ I, II
High Temperature	501.1/ I, II	501.2/ I, II	501.3/ I, II	501.4/ I, II	501.5/ I, II
Low Temperature	502.1/ I	502.2/ I, II	502.3/ I, II	502.4/ I, II	502.5/ I, II
Temperature Shock	503.1/ I	503.2/ I	503.3/ I	503.4/ I, II	503.5/ I, II
Solar Radiation	505.1/ I	505.2/ I	505.3/ I	505.4/ I	505.5/ I
Rain	506.1/ I, II	506.2/ I, II	506.3/ I, II	506.4/ I, III	506.5/ I, III
Humidity	507.1/ I, II	507.2/ II, III	507.3/ II, III	507.4	507.5/ II
Salt Fog	509.1/ I	509.2/ I	509.3/ I	509.4	509.5
Dust	510.1/ I	510.2/ I	510.3/ I	510.4/ I, III	510.5/ I
Vibration	514.2/ VIII, X	514.3/ I	514.4/ I	514.5/ I	514.6/ I
Shock	516.2/ I, II, V	516.3/ I, IV	516.4/ I, IV	516.5/ I, IV	516.6/ I, IV

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