

BN100 HyTalk PMR Gateway

Bridge networks. Get connected.



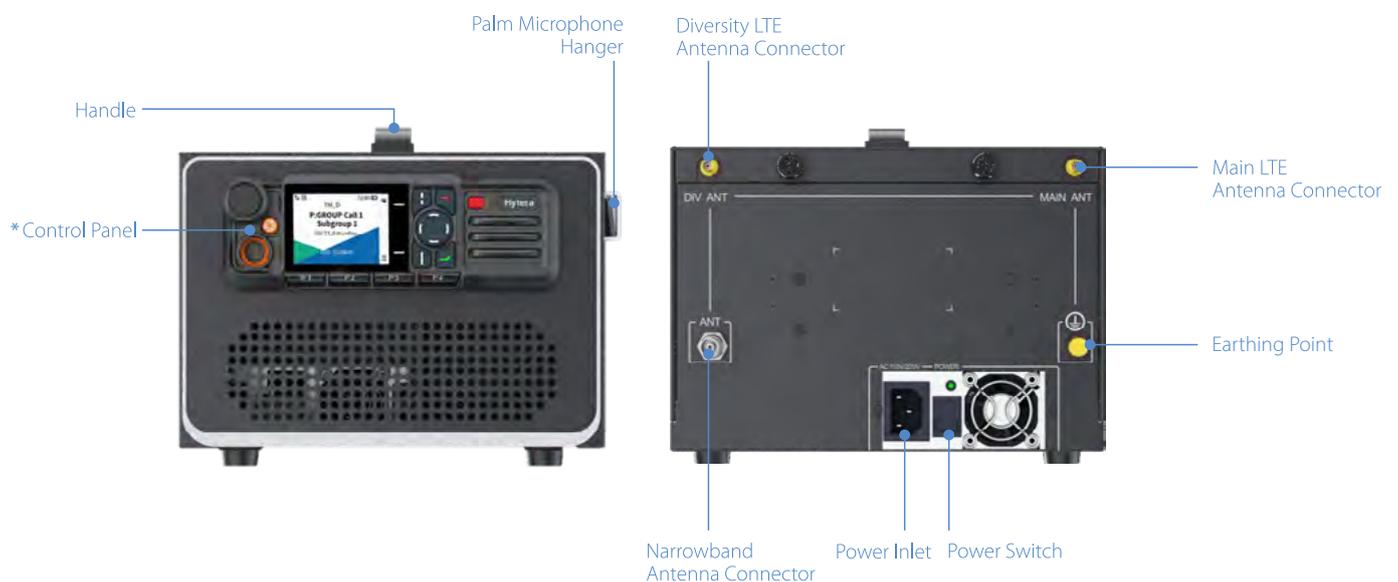
- Enhanced collaboration
- Extended reach
- Ease of use
- Low latency



Overview

As broadband services increasingly flourish, some industries tend to buy broadband radios as a new communications way. However, PoC radios cannot be connected to the narrowband DMR. We cannot replace all the narrowband radios as it will be a large investment. This is where our HyTalk PMR Gateway will solve this problem for business, public safety, transportation, utilities, and more.

HyTalk PMR Gateway is a cost-effective narrowband-broadband interconnection solution, including BN100 voice gateway box, MNC360 PoC mobile radio, and HM78X digital mobile radio. It has the capability to seamlessly connect the narrowband radios and broadband radios. Moreover, interworking with public network, it allows narrowband radios to communicate with each other anywhere.



*Disclaimer - Required HM785 VHF & MNC360 (Not Included in BN100)

Key Benefits



Enhanced collaboration

BN100 has enhanced collaboration between narrow-band radios and broadband radios. This enables different user groups to communicate between each other in a unified way and enhance work efficiency.



Extended reach

Utilizing our public network, BN100 can effectively interconnect PMR network in different regions, without investing in building more infrastructure. so any old narrow-band radios can be reused for voice communication.

Ease of use

BN100 is a simple but highly intelligent solution which is also easy to deploy. With the two mobile radios it is very compact and weighs less than 8kg. It is also very easy to transport from one site to another. A large handle on the top of the gateway ensures easy movement.

Low latency Gateway

This solution supports end-to-end connection between the PMR Mobile radio and the POC mobile. This helps to accelerate transmission and reduce audio latency, providing users with smart & fast connectivity.

Application Scenarios



Specifications

General	
Dimensions (L x W x H)	288 mm x 244 mm x 158 mm
Weight	No mobile radio: 2.8 kg With two mobile radios: 8Kg
Connector and Switch	
Narrowband Antenna Connector	1
LTE Antenna Connector	2
Power Inlet	1
Power Switch	1
Palm Microphone Connector	1
Input Voltage	100 - 240 V AC
Environmental	
Operating Temperature	-20°C to +60°C
Storage Temperature	-40°C to +85°C

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