



icom[®]

Icom America

Connect with Icom



AIR. LAND. SEA.

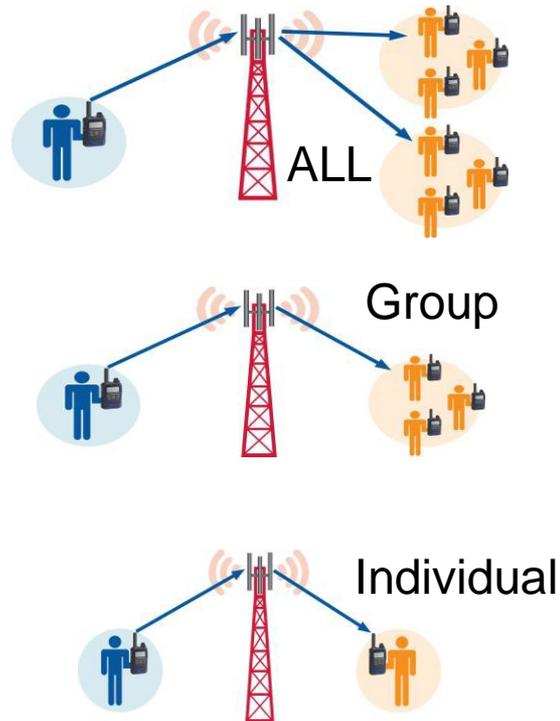
- **What is the IP501H?**
- Its is not a Cell phone (“Smart” or “Dumb”)
- Its not a PoC (PTT over Cellular device)
- Its not a PTT Application
- **It's a Radio** (LTE/3G Network Radio)



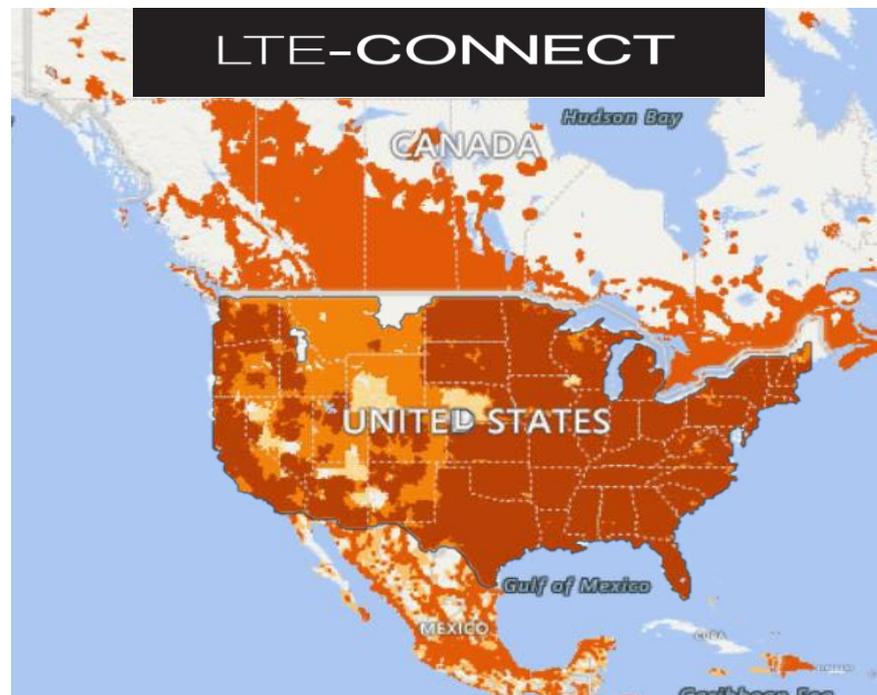
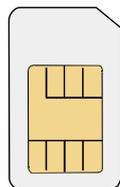
• What is the IP501H?

Radio features

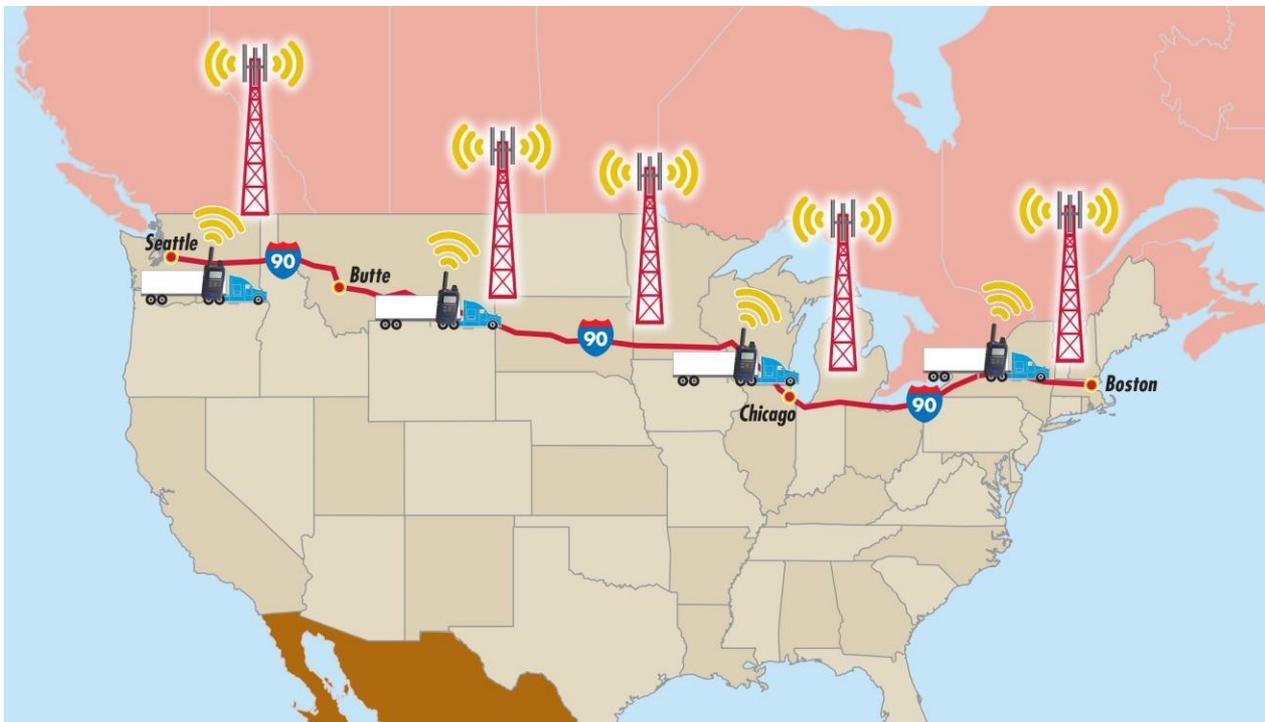
- All Call
- Group call (2000) / Multiplex Group call (100)
- Individual call (with call ID) (2000)
- 500 memory address book
- Priority calling
- Message call (10 pre-canned messages) 32char
- Status (10 status messages)
- Bluetooth (7 profiles/devices)
- Voice storage/Vibrate (4 messages, 60sec ea)
- Lone worker/Emergency
- Built in GPS
- IP67
- Full duplex communications (One touch PTT)
- “over the air” programming/firmware updates

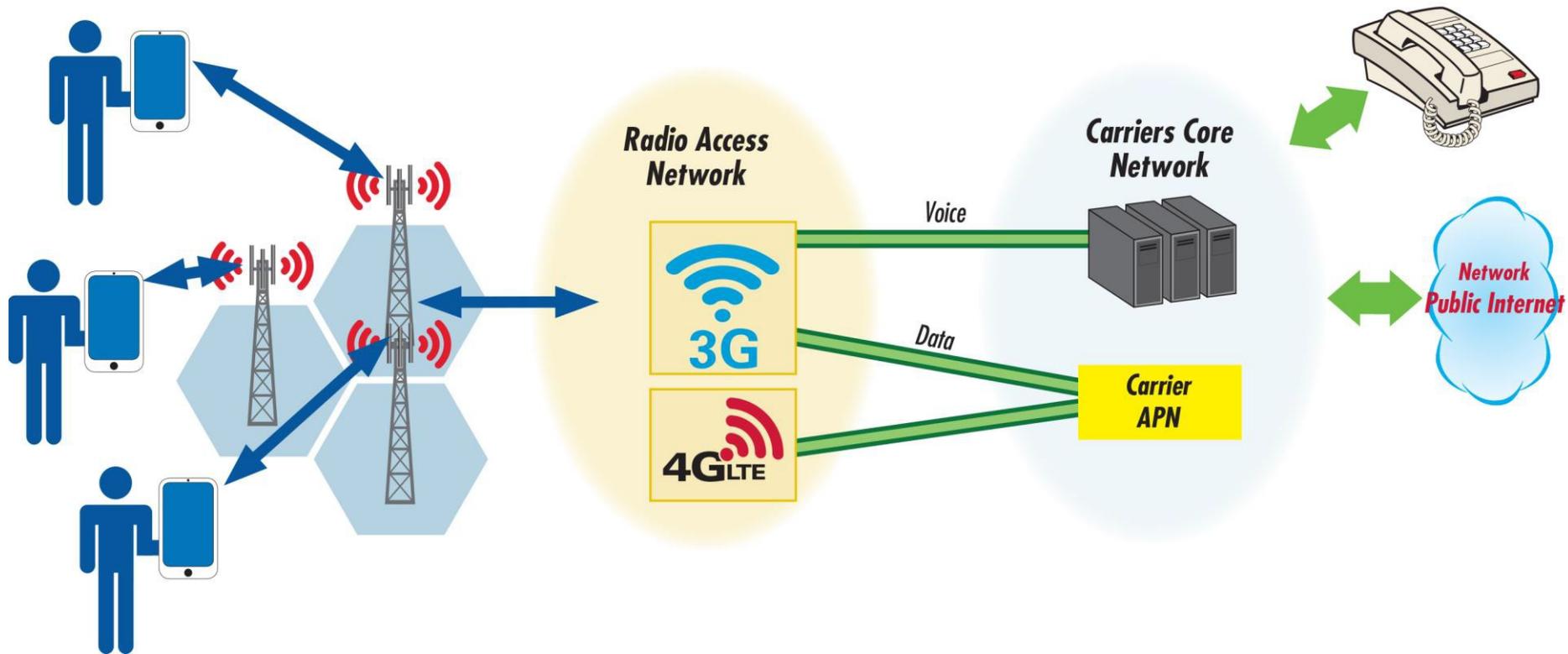


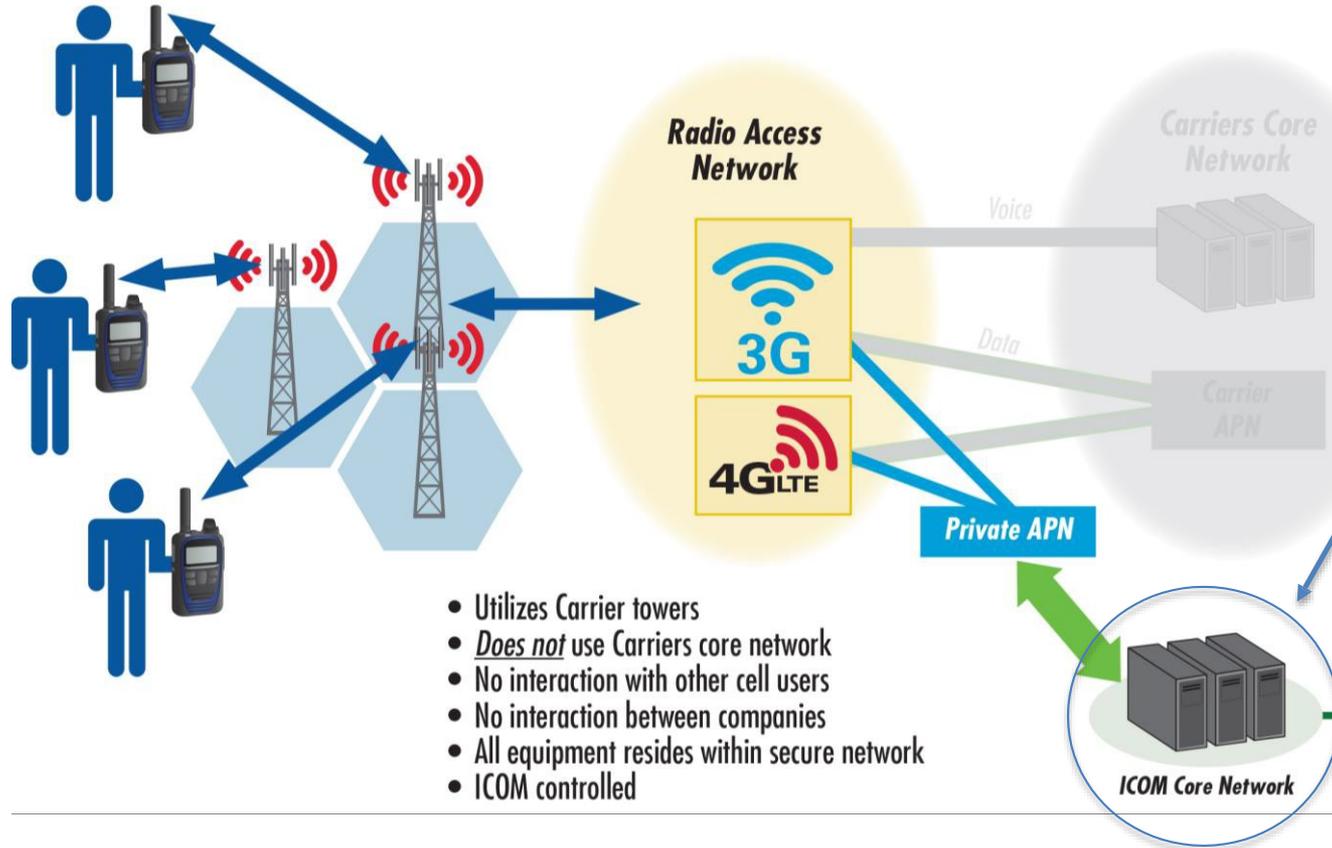
- We are creating a North America wide LTE Radio Network
- Canada/USA/Mexico
- ICOM Controlled
- Private secure Network
- ICOM supplied SIM
- Custom APN (Access point Name)



- Stay in touch wherever you go

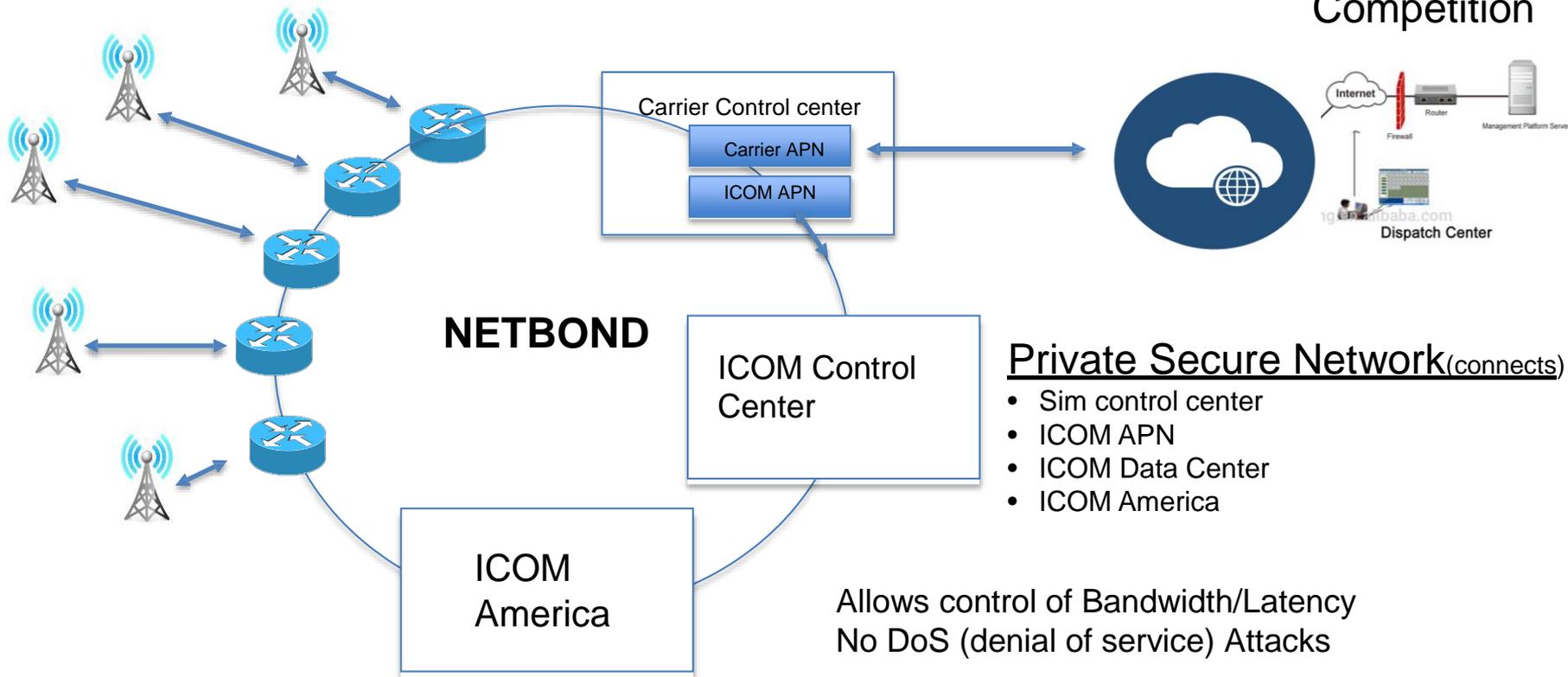






Cloud Server
Managed 24/7
Within Carriers
Network

- Utilizes Carrier towers
- *Does not* use Carriers core network
- No interaction with other cell users
- No interaction between companies
- All equipment resides within secure network
- ICOM controlled





AIR. LAND. SEA.

Carriers

IP501H	Canadian Carriers			US Carriers					
	Operating frequencies	Rogers	Telus	Bell	AT&T	Verison	T-Mobile	Sprint	US Cellular
LTE									
B2 1900		X			X	X	X		X
B4 1700/2100	X	X	X		X	X	X		X
B5 850		X			X	X			X
B17 700	X	X			X				
3G UMTS									
B2 1900	X	X	X		X				
B5 850	X	X	X		X				



AIR. LAND. SEA.

Carriers

IP501H	Canadian Carriers			US Carriers				
	Rogers	Telus	Bell	AT&T	Verison	T-Mobile	Sprint	US Cellular
LTE								
B2 1900		X		X	X	X		X
B4 1700/2100	X	X	X	X	X	X		X
B5 850		X		X	X			X
B17 700	X	X		X				
3G UMTS								
B2 1900	X	X	X	X				
B5 850	X	X	X	X				

- North America Wide Coverage
- Over the air Programming/Firmware updates
- No Licensing /Can deploy immediately
- Unlimited “Channels”
- Leverages existing Infrastructure
- Superior Audio Quality
- Simple to use (PUSH TO TALK)



Security



Events Management



Road Maintenance



Hospitality



Transportation

- BP-272 Li-Ion Battery
- 7.4V/1880mAh (min.)
- 2000mAh (typ.)
- 17 hour battery life 5:5:90 (heavy use will reduce)
- Can leave in charger full time
- Takes 3.5 hours to charge with BC-202IP2



BP-272



BC-202IP2



BC-211

- A wide variety of headset accessories are available also

SPEAKER-MICROPHONES



HM-183LS
IPX7 waterproof

HM-186LS

EARPHONE-MICROPHONES



HM-153LS

HM-166LS

HEADSETS



HS-102*2
Earphone type



HS-94*3
Earhook type



HS-95*3
Behind-the-head type



HS-97*3
Throat-microphone type



VS-3
Bluetooth[®] headset



BC-218

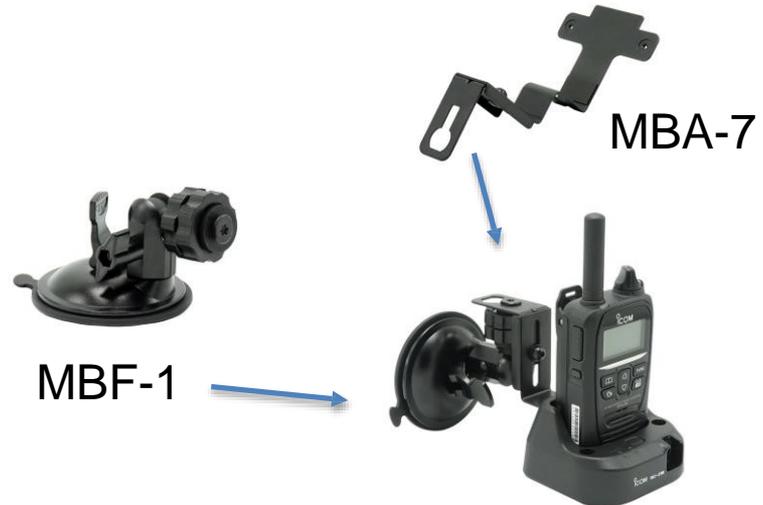


HM-215

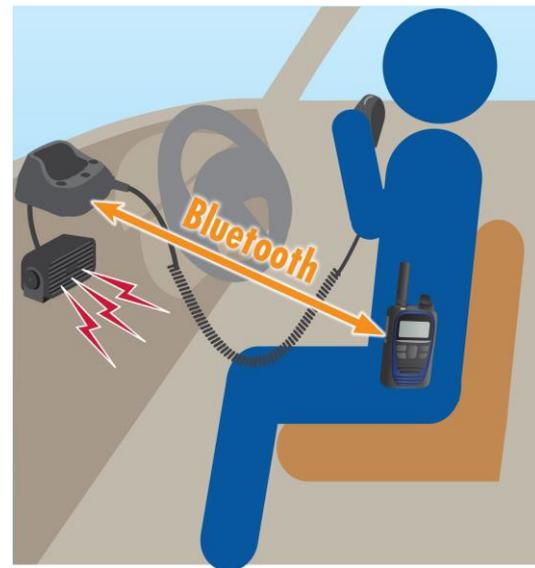


SP-35

- Turn your IP501 into a mobile radio



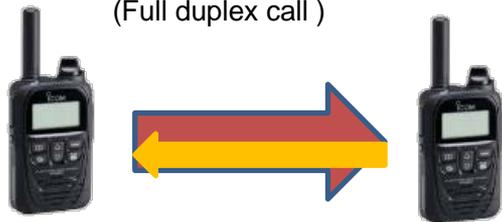
- The IP501H has integrated Bluetooth.
- This can work with a wide variety of traditional Bluetooth headsets on the market
- Unique “Portable” becomes a “Mobile” option
- Can leave in charger full time



- Duplex/Simplex setting can be made individually.

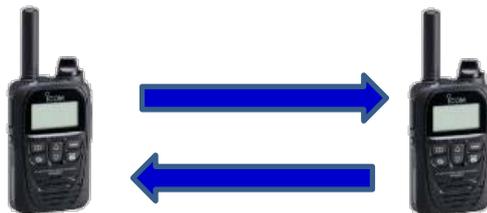
Duplex (default)

TX is possible while receiving by pressing PTT.
(Full duplex call)



Simplex

Making communication by switching TX and RX in turn.

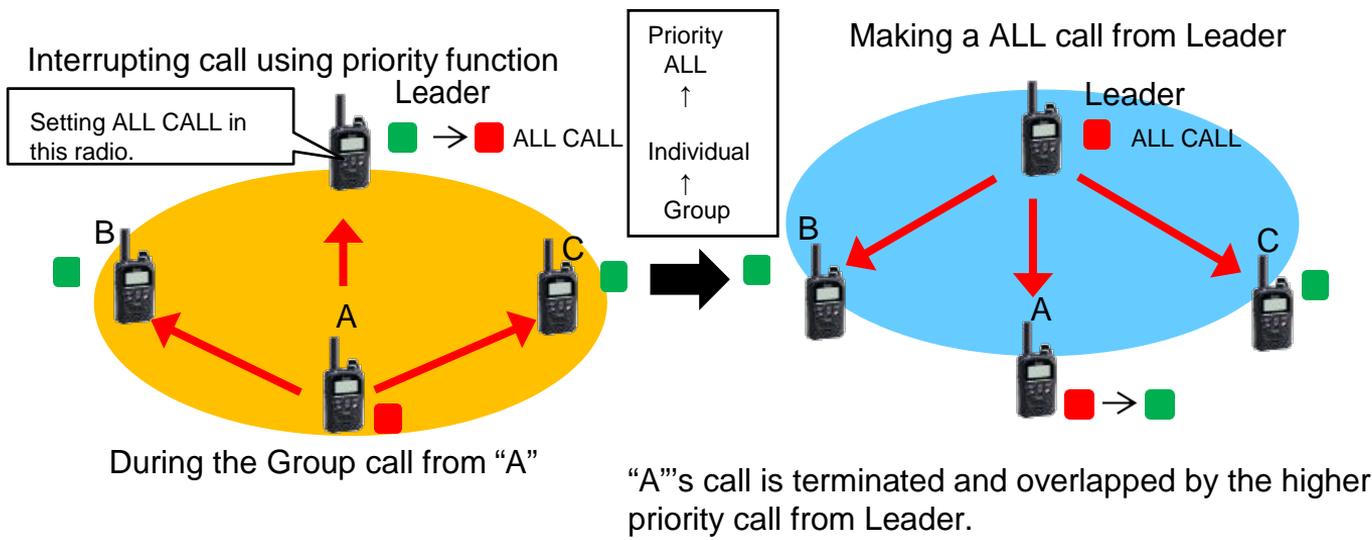


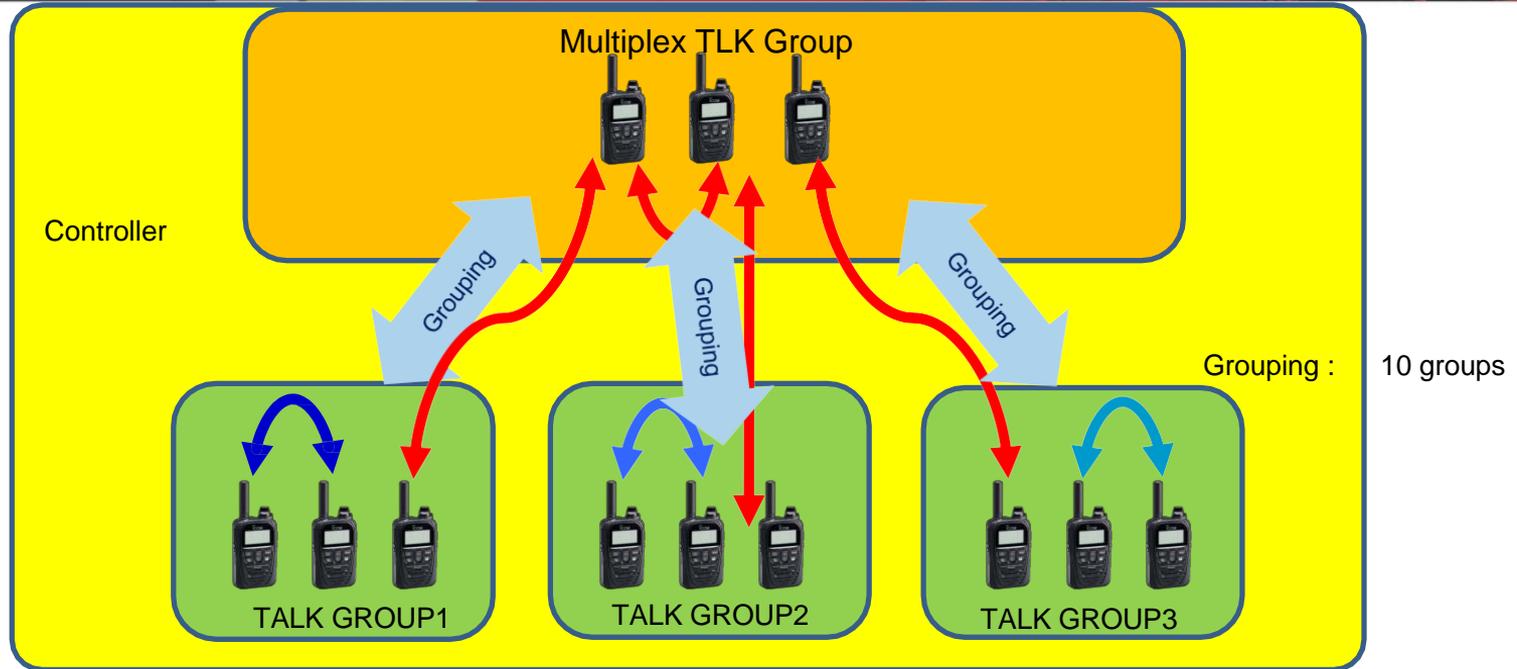
One-Touch PTT
Duplex operation

Hands-free
operation

Priority Calling

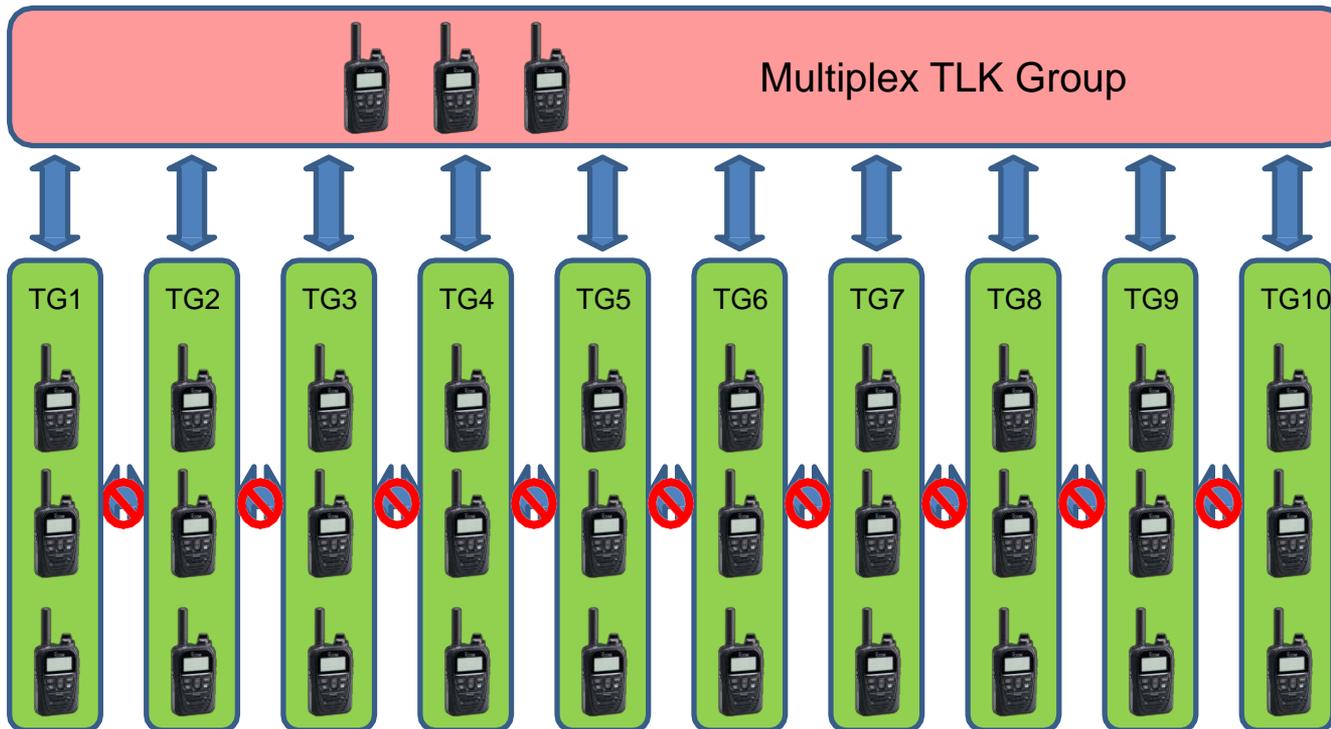
Priority level	Priority setting	Call type
High	fixed	Phone
↑	Fixed	Emergency
↑	variable	ALL
↑	variable	Individual
low	variable	Group



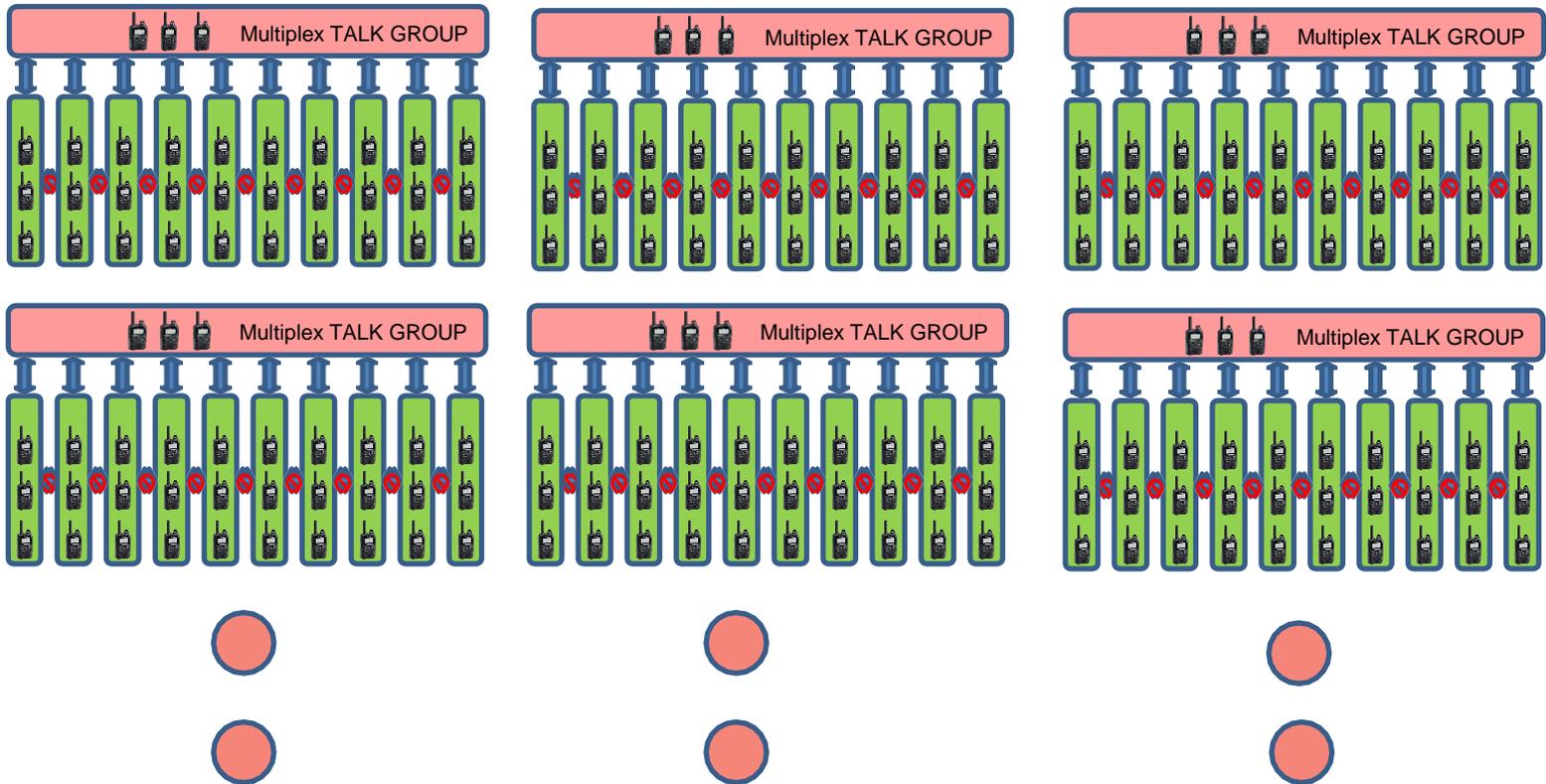


- Multiplex TALK Group enables communication between several TALK Groups in the specified multiple groups.
- Multiplex TALK Group enables communication with the same Multiplex TALK Group

- Communication between Multiplex TLK Group and TLK Group (10 Groups) are possible.
- Communication between TLK Groups are not possible.



Max 100 Multiplex TLK Groups can be possible.





ICOM[®]



AIR. LAND. SEA.



Ongoing development



J&K

Communications, Inc.

260.244.7975

Columbia City · Indianapolis

Fort Wayne · Kokomo

www.jkcomm.com