

V5 Plus Series

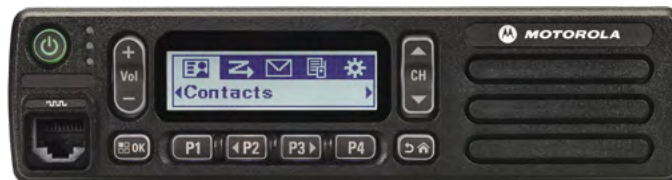
- Affordable Out of Vehicle Solution
- Works further than most will walk
- 10 years plus proven performance
 - No on-site contention issues
 - Powerfully simple



up to 500 meters

Wireless Microphone / Digital Mobile Repeater

Most mobile devices



Wireless Microphone / Digital Mobile Repeater

Works with all LMR/LTE Radio/ Sat systems



up to 500 meters



- LTE Systems**
- P25 Trunked/Conv.**
- MotoTrbo Trunked/Conv.**
- DMR Trunked/Conv.**
- EDACS and OpenSky**
- TETRA TDMA**
- NXDN Trunked/Conv.**
- Analog Conv.**
- Satellite terminals**
- Legacy Trunking**
- Marine Band**
- Airband**
- HF - SSB**
- Military applications**

TIME TO GET LIBERATED™

Wireless Microphone / Digital Mobile Repeater

Plus Series

Relay Mode
Enhanced
in-to-building
Coverage

Toggle PTT
assignment

Alternative
Gateway
Options

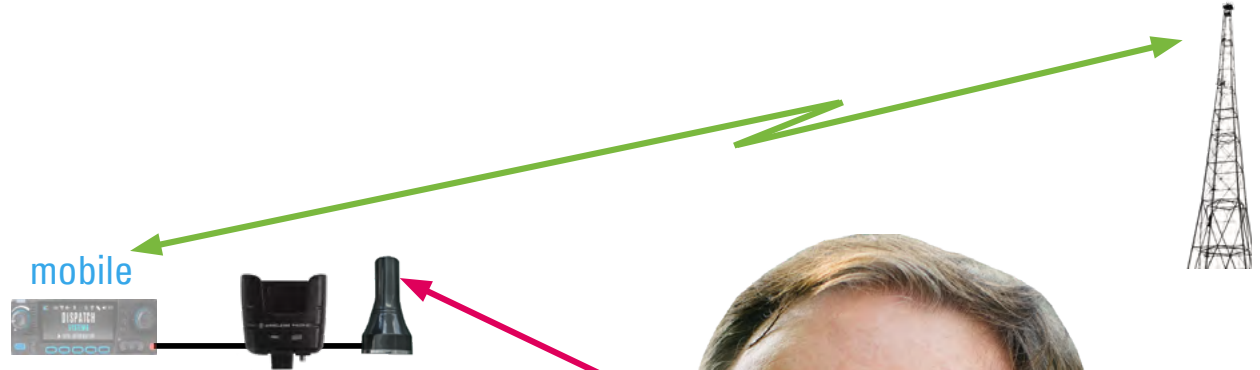


External
battery
connectivity



Wireless Microphone / Digital Mobile Repeater

PRO Plus "Lone worker"



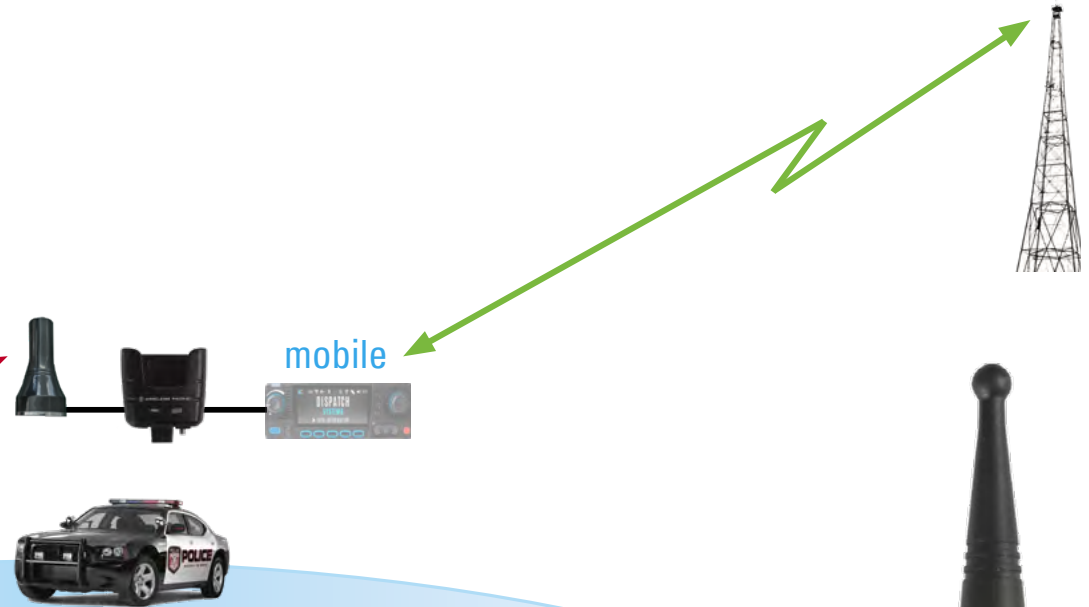
Passes all audio between radio and user
User can trigger radio's emergency
Headset and earpiece connectivity
Wireless PTT button option

up to 500 meters



Wireless Microphone / Digital Mobile Repeater

PRO Plus "Lone worker"



- Dual Radio Configurations
- Mandown monitor options
- Lone worker "live mic" options
- IP67 rated waterproof handset
- AES 128 dynamic encryption
- Public address capabilities

up to 500 meters

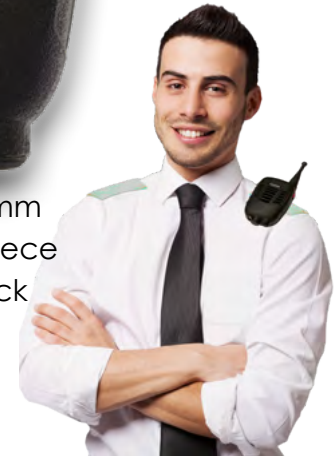


Pro Plus Handset

- Talk from shoulder Mic audio
- Extra loud-clear speaker audio
- Dynamic AES voice encryption
- Mandown Monitor option
- Gateway search & select
- Hirose audio accessory port
- Superb Tx noise reduction
- Rugged IP67 waterproof
- External battery charging
- Choice of mounting clips



SP: Volume Up
LP: Assignable
SP: Volume Down
LP: Assignable



Pro Plus Gateway



*Standard- Up to 500 m.
In cabin mount.
Includes charging cup.*

X10DRMD-PU2

Pro Plus systems provides 1 user an AES secure, exclusive communications channel.
Internal* or rooftop antenna = Simple installation.



Highly compact minimalist design. Can be directly mounted at the rear of mobile with a short 15cm interface cable. Suited to deployments with shorter range requirements using internal antenna. Allows for a very easy installation.

XIVG-PU2

*reduced range



PRO Plus “Lone worker”

two unique user applications

Elite Plus “Team worker”



Elite Plus Virtual Team channel

Exclusive - use anywhere

License Free - no assignment or annual fees

AES Secure - 128 bit with dynamic key changes

Local - up to 1800ft /600 meter radius around vehicle

Local - up to 3300ft/1000 meters between users

Standalone - up to a 800ft/250 meters between users (no gateway)

Constant host mobile radio access.

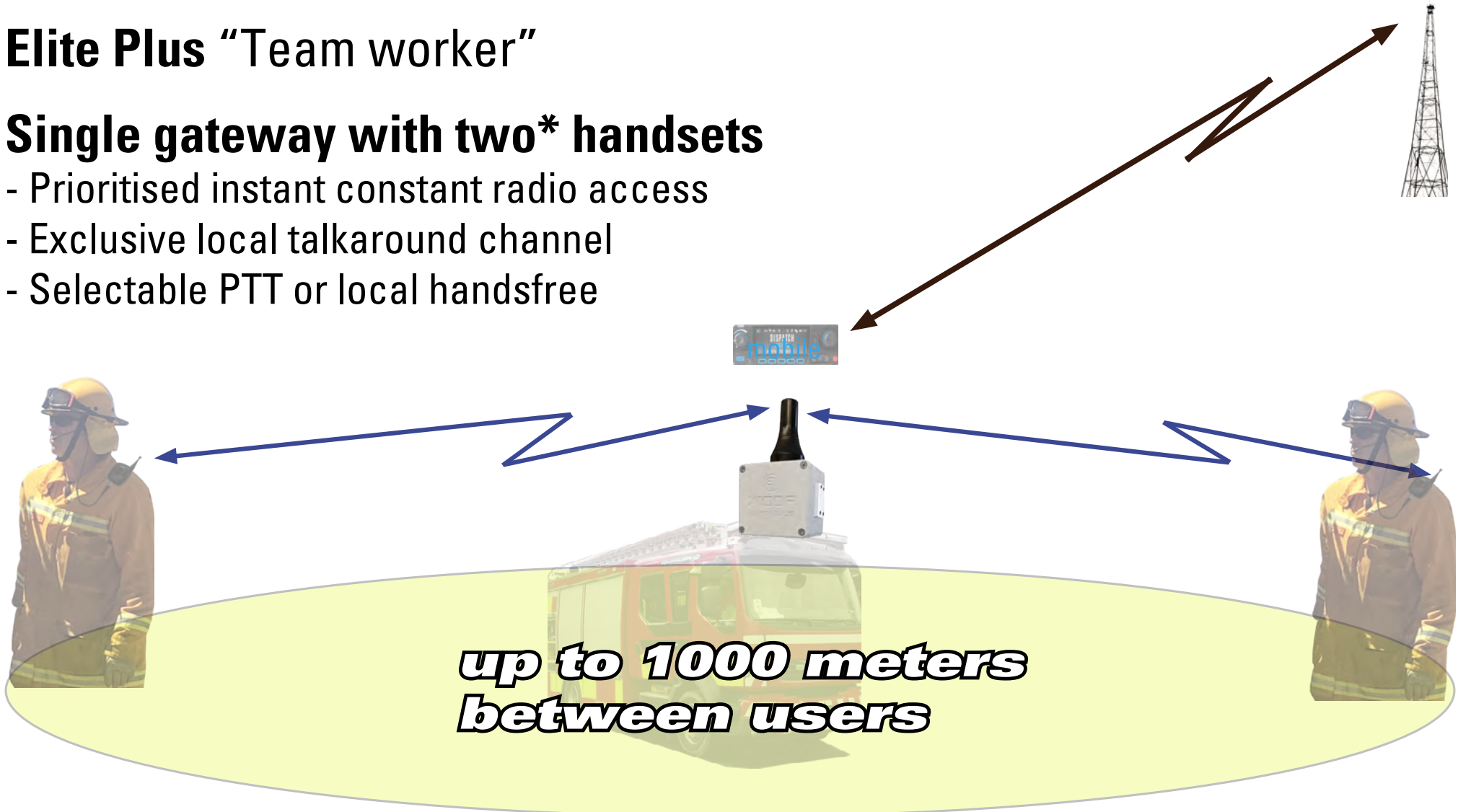
up to 600 meters radius



Elite Plus “Team worker”

Single gateway with two* handsets

- Prioritised instant constant radio access
- Exclusive local talkaround channel
- Selectable PTT or local handsfree



* three when NOT using Relay Mode or in applications not requiring multiple gateway deployments in the same locations/vehicle. We suggest you trial to make sure your operational requirements can be met before major 3HS1GW deployments.

Wireless Microphone / Digital Mobile Repeater

Elite Plus Handsfree

Double press Talkaround button to activate handsfree

LED glows magenta

PTT button

Press to talk over main radio system



Note: headset or earpiece operation required when more than one handset is in active handsfree mode.

Communication Modes

- Radio PTT
- Local Talkaround PTT
- Local Handsfree

Handsfree Tones

- Activation Tones
- Deactivation Tones
- Reminder Tone

Others respond by pressing Local PTT or enter Handsfree mode

Single press to deactivate

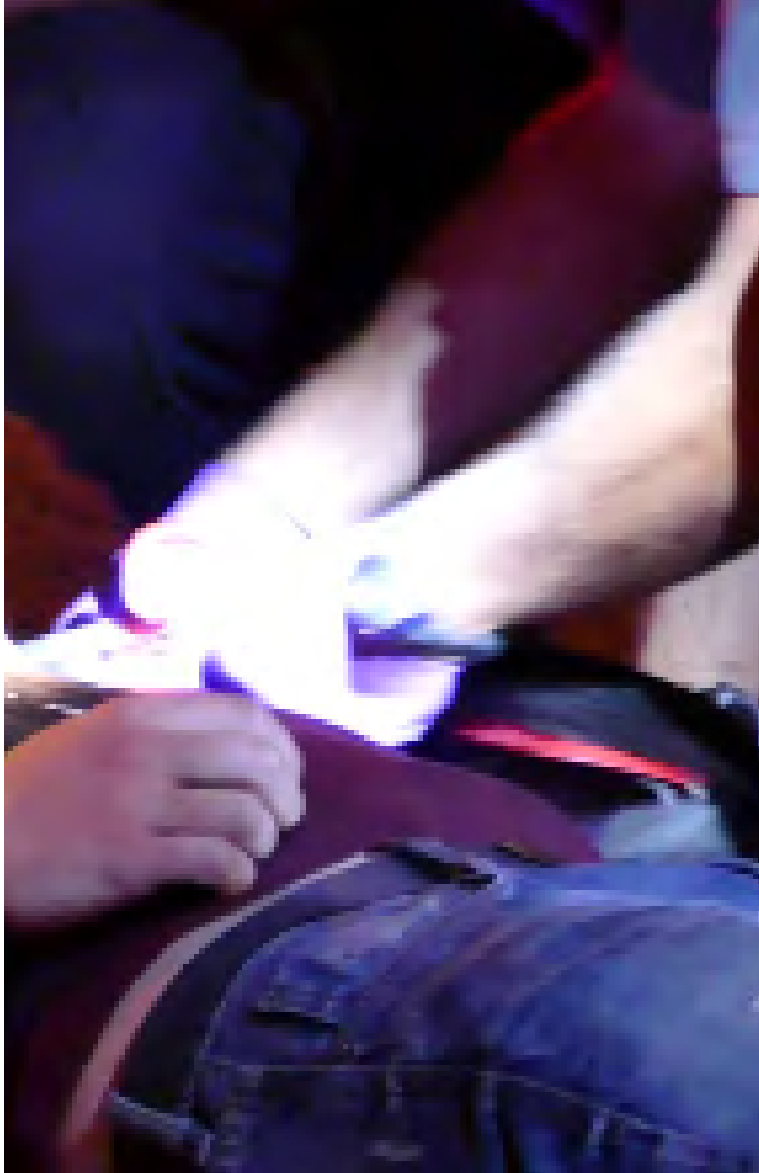




HANDSFREE ON-SITE TALKAROUND

... Police officers responding to a crime scene will be able in real time clearly communicate every nuance of their surroundings to their partner handsfree.

... either press to talk or totally hands free, whether jumping a fence, apprehending a suspect or securing a situation



HANDSFREE ON-SITE TALKAROUND

...Paramedics fighting to save a driver and passengers lives at a horror auto accident can now use both hands to do whatever needs to be done, while communicating constantly with their partners.

... When someone's life is in your hands, using them to push buttons shouldn't be how we have to communicate with your partners.



HANDSFREE ON-SITE TALKAROUND

... A fire crew arriving on-scene can immediately start securing the area, rolling out the hoses, connecting them, starting pumps ...

... Or have both your hands free to rescue an injured driver, to freely communicate with your fellow crew, totally hands free - even in the noisiest of environments.



HANDSFREE ON-SITE TALKAROUND

... An electrical utility worker up in a “bucket” will now be free to use both hands, not only enhancing their safety but increasing their effectiveness.

... Communicating critical information with their groundman... even in the stormiest of tempest. Every team equipped with Elite Plus, can now communicate on their own local on-site comms channel...either via PTT or handsfree.



Wireless Microphone / Digital Mobile Repeater

Elite Plus "Team worker"
XRTG Rooftop Gateway
up to 600 meters
to vehicle



Wireless Microphone / Digital Mobile Repeater

Elite Plus "Team worker"



mobile

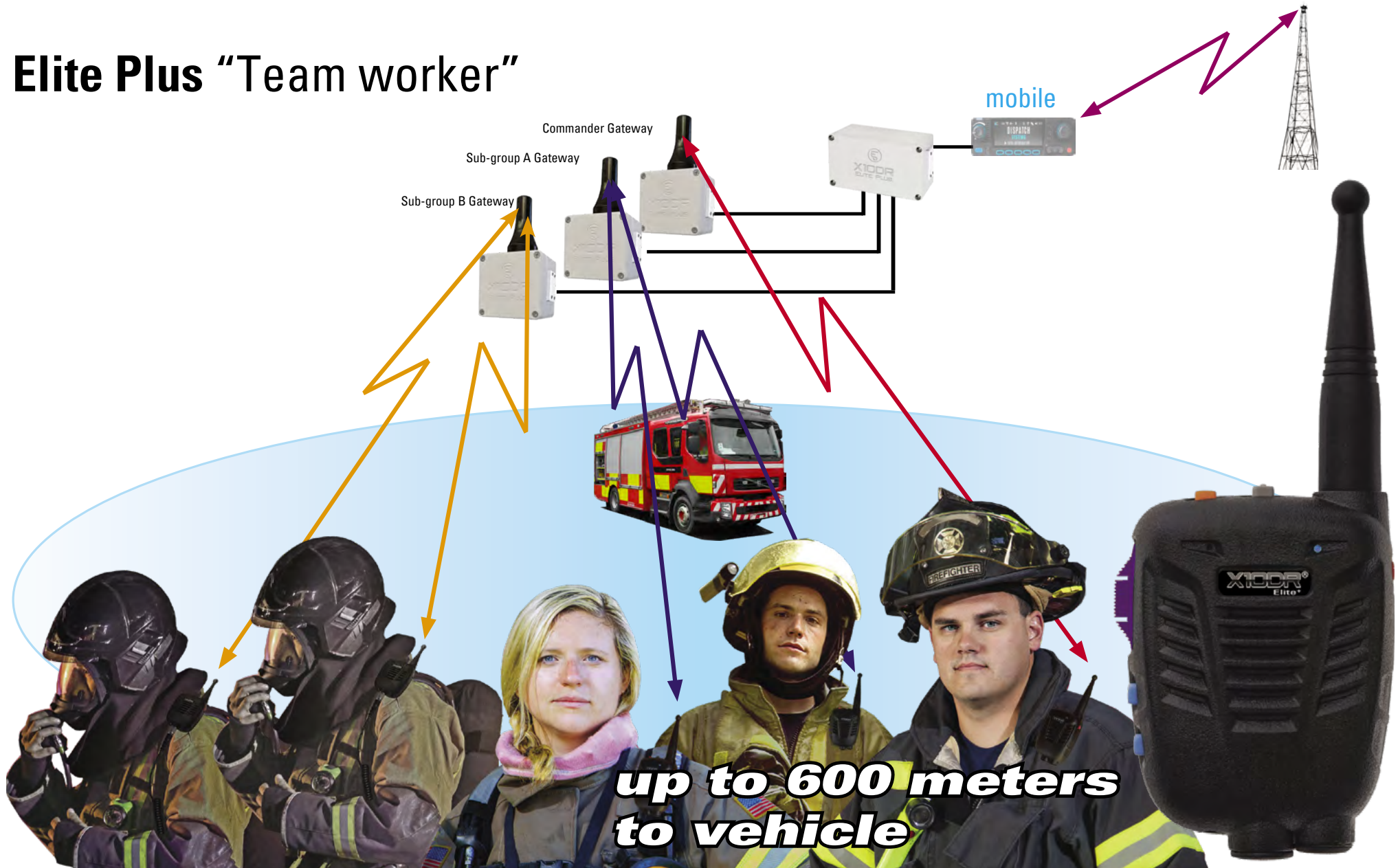


**up to 500 meters
to vehicle**

**up to 1000 meters
to each other**

Wireless Microphone / Digital Mobile Repeater

Elite Plus "Team worker"



**up to 600 meters
to vehicle**

Wireless Microphone / Digital Mobile Repeater

Elite Plus Handset

Control can be:

- Talkaround (default)
- Main radio PTT
- Secondary radio PTT
- Public Address PTT
- Toggle PTT assignment



- Talk from shoulder Mic audio
- Extra loud-clear speaker audio
- Dynamic AES voice encryption
- Toggle PTT button assignment
- On-site Handsfree talkaround
- Wireless PTT Button option
- Mandown Monitor option
- Command relay mode
- Automatic relay mode
- Standalone mode (no gateway)
- Gateway search & select
- Hirose audio accessory port
- Superb Tx noise reduction
- Rugged IP67 waterproof
- External battery charging
- Choice of mounting clips



Wireless Microphone / Digital Mobile Repeater

Elite Plus Gateways



Standard gateway
- Up to 500 meters.
In cabin mount with
charging cup.

X10DRMD-EX2

Highly compact, minimalist design. Can be directly mounted at the rear of mobile with a 15cm interface cable. For limited range deployments use an internal antenna.



XIVG-EX2



Longer Range - Up to 600 meters. Roof top mount. Ideal for Fire, Command vehicles and Electrical Utility vehicles

XRTG-EX2

- Each Elite Plus gateway provides 2/3 users with their own AES secure, exclusive on-site comms channel while maintaining instant mobile radio network access.
- Only one rooftop antenna required - Simple installation.



XEX2 Elite Plus Extra Handset

- On-site handsfree full duplex
- Wireless PTT button option
- Mandown monitor option
- IP67 waterproof handset



Includes:
Mobile vehicle charger
Dual adaptor
Two 50cm interface cables



X10DR Enhancements



XWPB Wireless PTT Button

Provides:

- Mimics side button assignment
- For finger use "Handsfree" PTT
- Velcro attachment strap
- Good tactile touch
- Simple handset pairing
- Low battery alert in handset
- 23 days constant use
- Low cost CR2032 Li-Ion cell
- Rugged & Watertight IP65+

(Also work with Elite and Pro models requires firmware update for XWPB)



XTBM Wired Talkback Microphone

Provides:

- Toggle Side PTT assignment
- Talk and listen to X10DR handsets
- Can talk over radio channel also
- Use as wired in - vehicle handset
- Rugged & Weatherproof IP55
- Standard mobile hangup clip
- Strong resilient curly cord
- includes XDIA adaptor, XIC0.5 cable and Mounting clip



Mounting Clip



XIC-0.5
50cm interface
cable



XDIA
Dual
Adaptor

Mandown Biometric Monitor

Buttons Monitored

- Radio PTT
- Talkaround PTT
- Emergency

Movement Monitored

movement in any plane is continually monitored for change. Allowance is made for user breathing, normal sitting, standing state, etc.



Alarm Protocol*

Personnel safety protocol is automatically enabled whenever XMD equipped handset is removed from charger (wireless, mobile or desktop chargers)

- 1/ >2 Mins no activity - Pre alert starts.
- 2/ Pre-alert tones sound from handset for 30 secs if still no user action.
- 3/ Emergency triggered, other related handsets will sound alert tone**.
- 4/ Pause with user reminder feature.
- 5/ Custom option "30 second Live Mic".

* Assumes fitted and enabled in XFPK programmer ** programamble

X10DR Find Me™



Search for lost handsets or when user fails to respond.
Loud audible alert tone sounds from handset until reset.
If handset is out of range the gateway continues to search.



TIME TO GET LIBERATED™

Wireless Microphone / Digital Mobile Repeater

X10DR Chargers & Mounts



X3MK

3 way charger mount. Use with XMVC chargers. includes XDCC-RJ and 3 x XIC-0.15.12VDC input.

X3MK-B

3 way charger mount with DC battery back up. Use with XMVC chargers. These mounting kits provides built-in back up Li-Ion battery power to recharge up to 3 handset batteries when isolated 'after hours' from vehicle battery. Connects to vehicle switched battery output. Includes 3 x XIC-0.15 & XDCC-RJ 12VDC input.



XMVC

Mobile Charger
- Recharge in 3-4 hours from flat.
- Disables Mandown monitor.



XMDM2

Multi directional mount for gateway/XMVC



XPB-C14B

In-line power bank provides built-in back up Li-Ion battery power to recharge 1/2 handset batteries when isolated 'after hours' from vehicle battery.

XEBC

external battery cable
90cm Hirose to USB-A
(use with powerbank).



XDTC

Desktop Charger
recharge in 3-4 hours
from flat 5V/110-240VAC.



X6WC

6 Way charger
- recharge in 3-4 hours from flat.
12V/110-240VAC.

X10DR Vehicle antennas



XMPA

Multi-polarity roof mount vehicle antenna kit with 5.2m LMR200 low loss coax and a fitted RP-SMA-M connector

Using alternate antennas or coax may cause significant range reduction

Wireless Microphone / Digital Mobile Repeater

X10DR Junction Boxes



XDIA
Dual Interface
Adaptor



XJB
6 way multi unit
junction box



XMG2
Hughes 2100
MSat interface



XDCI
15 Watt DC-DC
isolation junction box
Supplies up to 3 gateways
Includes XIC-0.15
Dimensions 50x50mm



XFSB
Firefront /Handsfree smart box
3 Gateway/ 2 Radio
Incl. 1 x XIC-0.4 interf. Cable



XSJB (V2)
Dual Radio junction box
3 Gateway/ 2 Radio
Incl. 1 x XIC-0.4 interf. Cable



XDCCF
DC Low Pass Filter
Includes XIC-0.15
Dimensions 50x50mm



XDCC
12V DC, 3A fused,
1m cable 2 pin



XDCC-RJ
12V DC, 3A fused,
1m cable RJ45

Elite Plus Firefront™

XCCP Firefront™ Command Control Panel

Allows:

- Individual radio receive access by gateway
- Individual radio transmit access by gateway
- Send "return to vehicle" Find Me alarm to all handsets



Enables Radio access

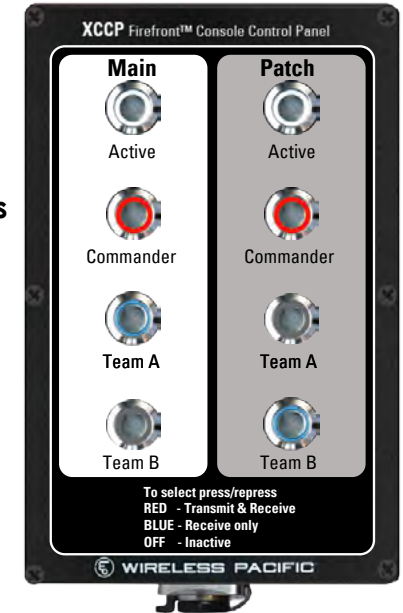
Commander Handset/s

Team A Handset/s

Team B Handset/s

Red = Tx&Rx access

Blue = Rx only access



XFSB-EXT Firefront™ roofmount Smart Box

Provides:

- Triple gateway connectivity
- Dual mobile radio connectivity
- Inter-gateway handsfree capability
- Control Panel remote control access



X10DR Headsets

WPHFH Industrial Grade Handsfree Headset

Provides:

- Noise cancelling microphone
- Across ear speaker design
- Directly plugs into handset
- "Keyed" Plug for easy plug-in
- Molded Hirose HR10 reliability
- 4mm OD high reliability cable



WPATH Industrial Grade Acoustic Tube Headset

Identical to WPHFH Headset but:

- Replaceable short acoustic tube
- Ear mold (3 sizes) - stays secure
- Allows sharing - OH&S friendly



WPULH-X10

Ultra light headset
Use with/ without XIPB
in line PTT



WPSHD

Industrial heavy duty
noise cancelling
headset
Use with/without XIPB
in line PTT



XMCH-C

Closed face
motorcycle headset
Use with/ without XIPB
in line PTT



XIPB

In-line PTT suits
all X10DR audio
X10 and XMCH
accessories

*For reference only
Purchase elsewhere*

WPWLP-X10D

Large In-Line PTT-for Draeger or
similar breathing apparatus

Wireless Microphone / Digital Mobile Repeater

Advanced Ear Mic with 2.5mm twist and lock ear receivers



WPITRQ-X10



WPTEP-TL



WPTEH-TL



WPEH-TL



WPBEH-TL



WPEB-TL



WPLEH-TL



XMS

10W Elite IP67 Speaker
Can be mounted externally for Public Address use, or internally for in-car monitor.



WP3WS-X10

Lightweight covert 3 wire acoustic tube audio accessory



WPTEP

Acoustic tube ear receiver with 3.5mm connector



WPEH

Across ear large receiver with 3.5mm connector

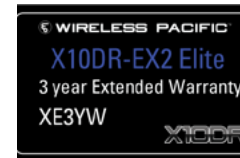


Wireless Microphone / Digital Mobile Repeater

X10DR Service Aids

EXTENDED WARRANTY

Extend your warranty up to five years from shipments



XBCT

X10DR Battery Charger Tester
- for checking chargers.



XATB2-US

X10DR Advanced Test Box
- includes XMS External Speaker and AC adaptor



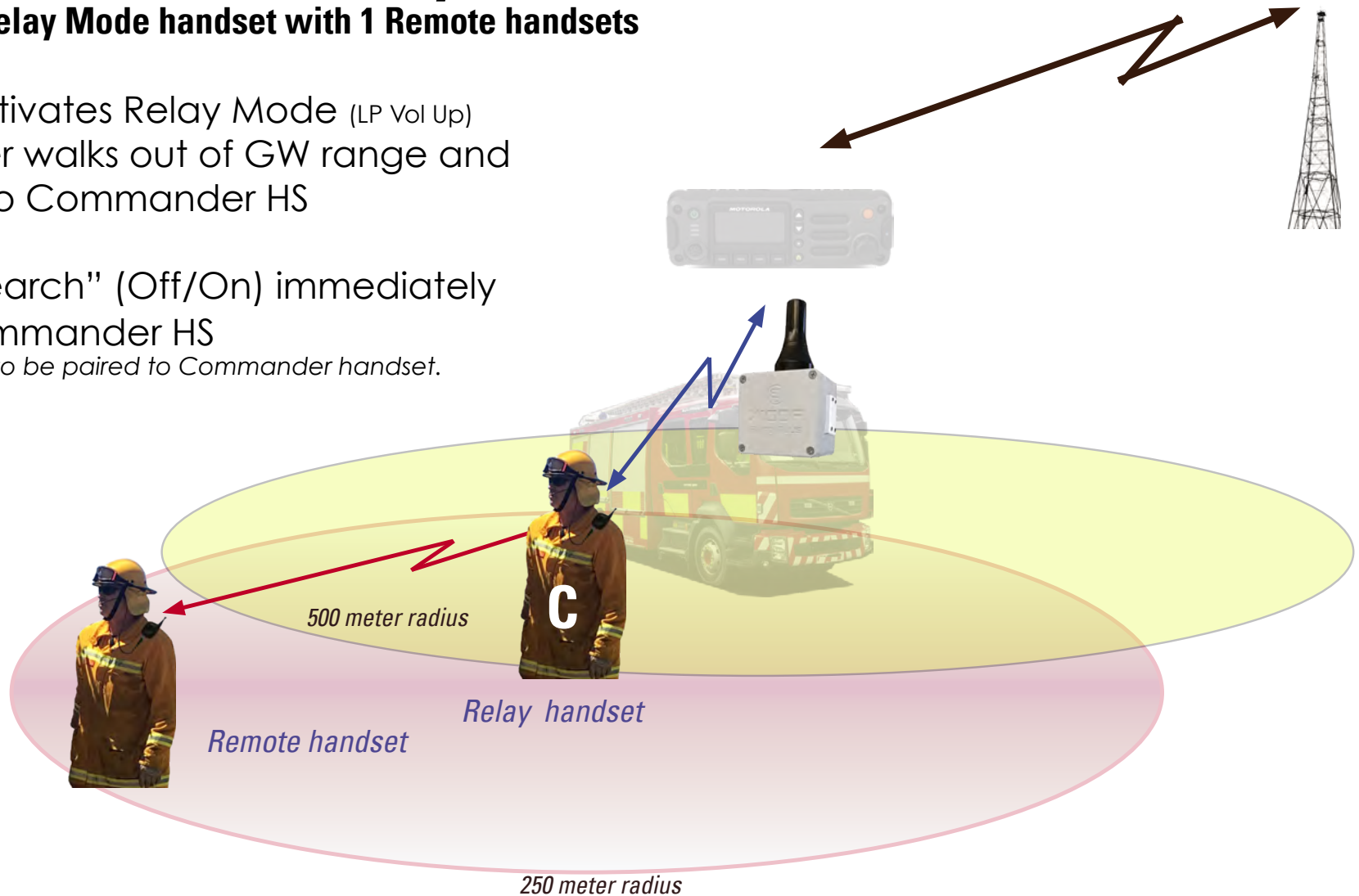
XFPK

Field Programming Kit
- Use with programmer and XGALA Tuning Tool.

Elite Plus with Command Relay Mode On

1 Gateway with 1 Relay Mode handset with 1 Remote handsets

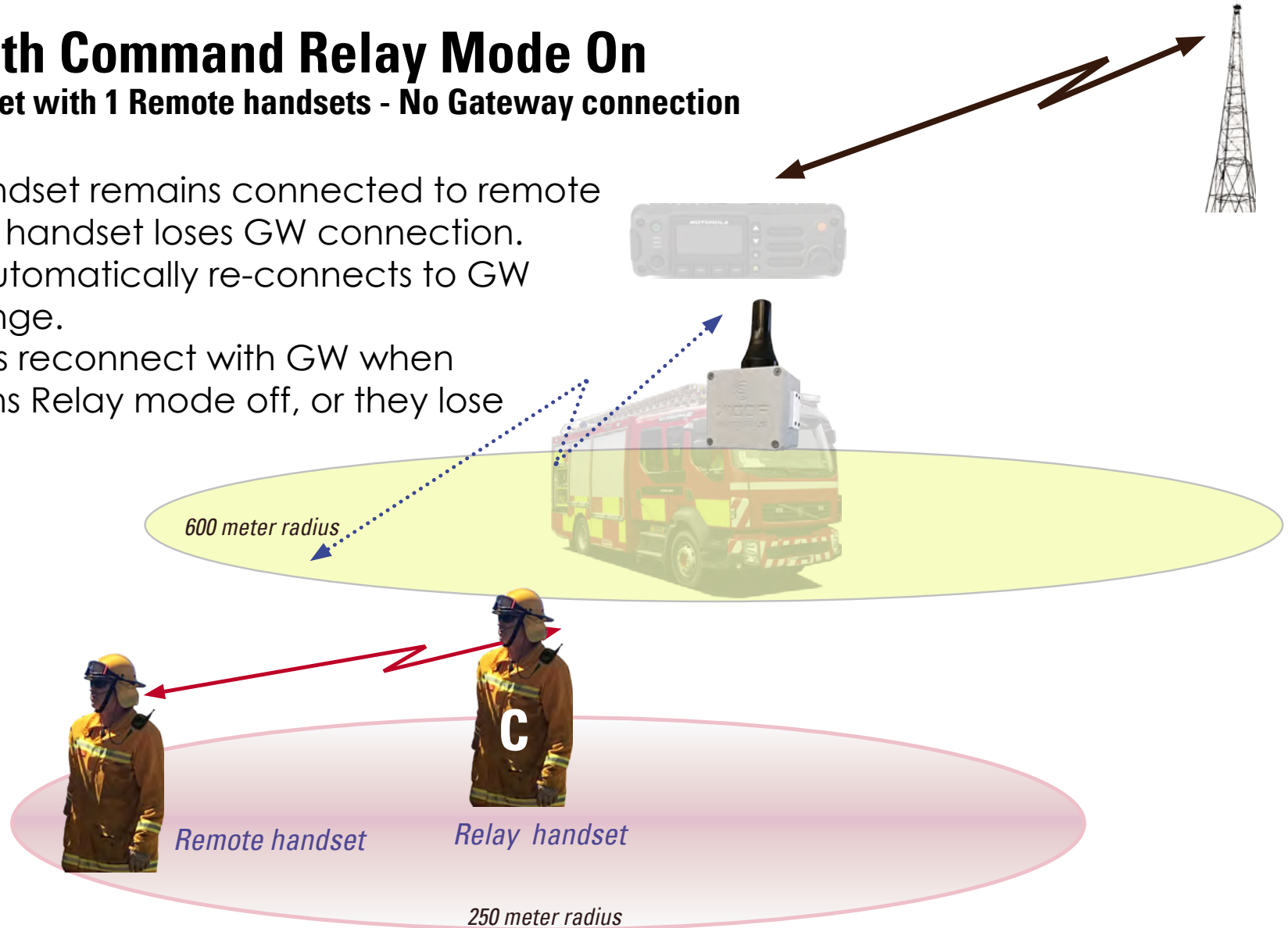
Commander activates Relay Mode (LP Vol Up)
Remote HS either walks out of GW range and auto connects to Commander HS
Or
Short presses "Search" (Off/On) immediately connects to Commander HS
Remote handsets need to be paired to Commander handset.



Elite Plus with Command Relay Mode On 1 Relay Mode handset with 1 Remote handsets - No Gateway connection

Commander handset remains connected to remote handsets if Relay handset loses GW connection. Relay handset automatically re-connects to GW when back in range.

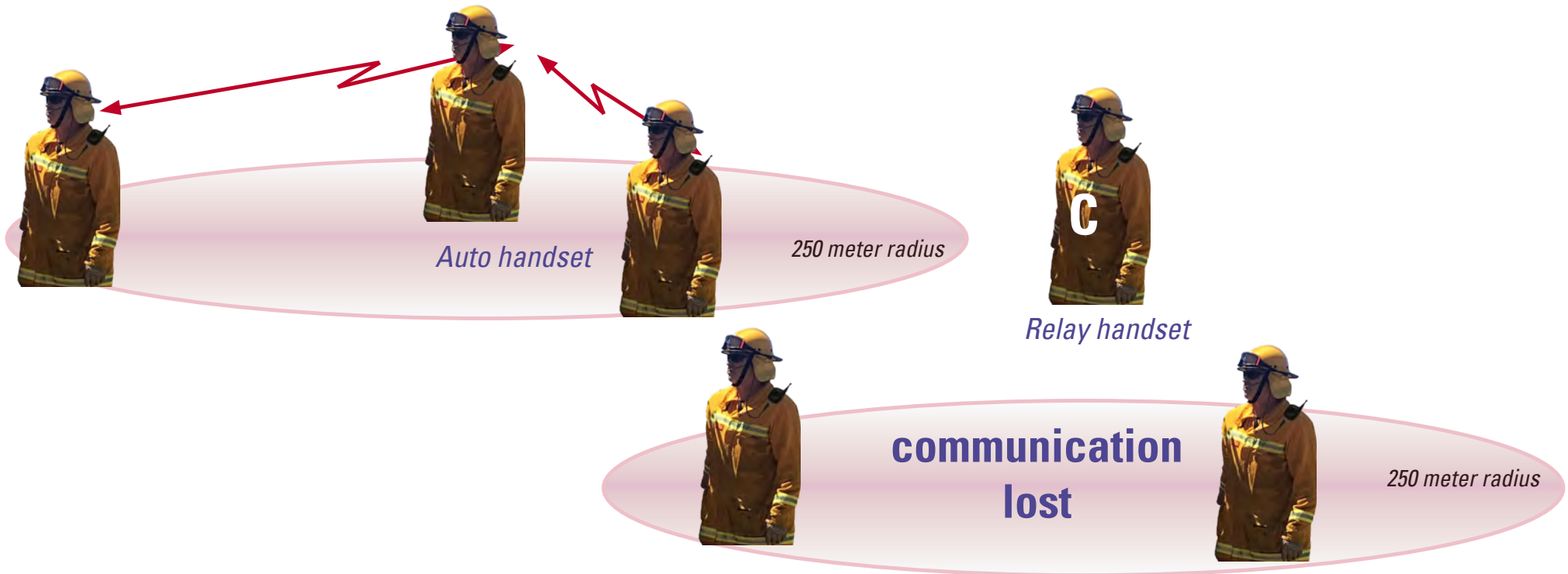
Remote handsets reconnect with GW when Commander turns Relay mode off, or they lose connection.



Elite Plus with Command Relay Mode On

1 Relay Mode handset with 2 Remote handsets - No Gateway connection

Command Relay handset connects to other handsets. Handsets can reconnect with GW by short pressing “search” or wait until they lose connection. If connection with “Command Relay” handset is lost all handsets will search for GW or nearby Command relay handset and reconnect if possible.



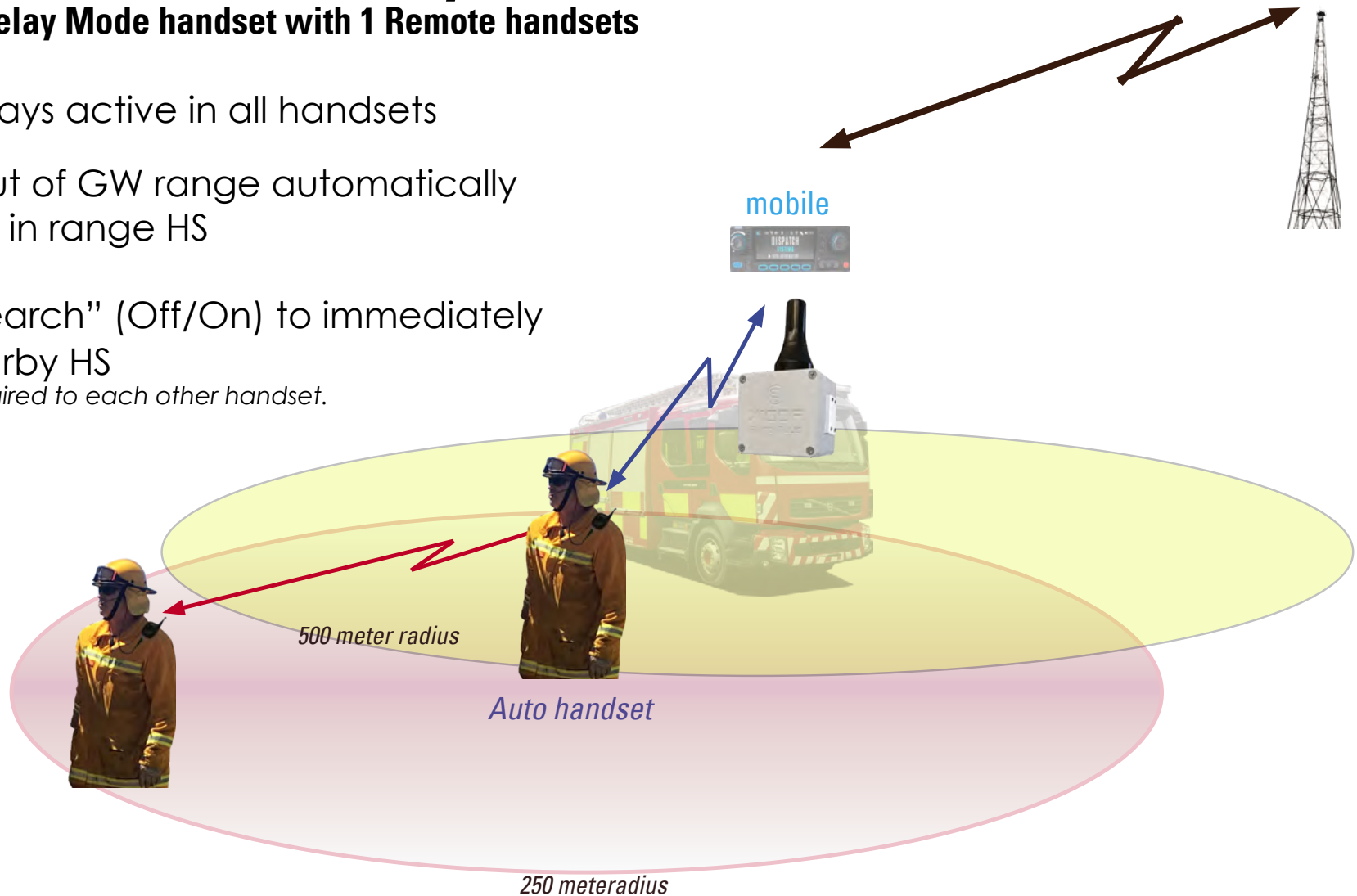
Elite Plus with Automatic Relay Mode On 1 Gateway with 1 Relay Mode handset with 1 Remote handsets

Relay Mode always active in all handsets
(LP Vol Up to OFF)

Any* HS walks out of GW range automatically
connects to any in range HS

Or
Short presses "Search" (Off/On) to immediately
connects to nearby HS

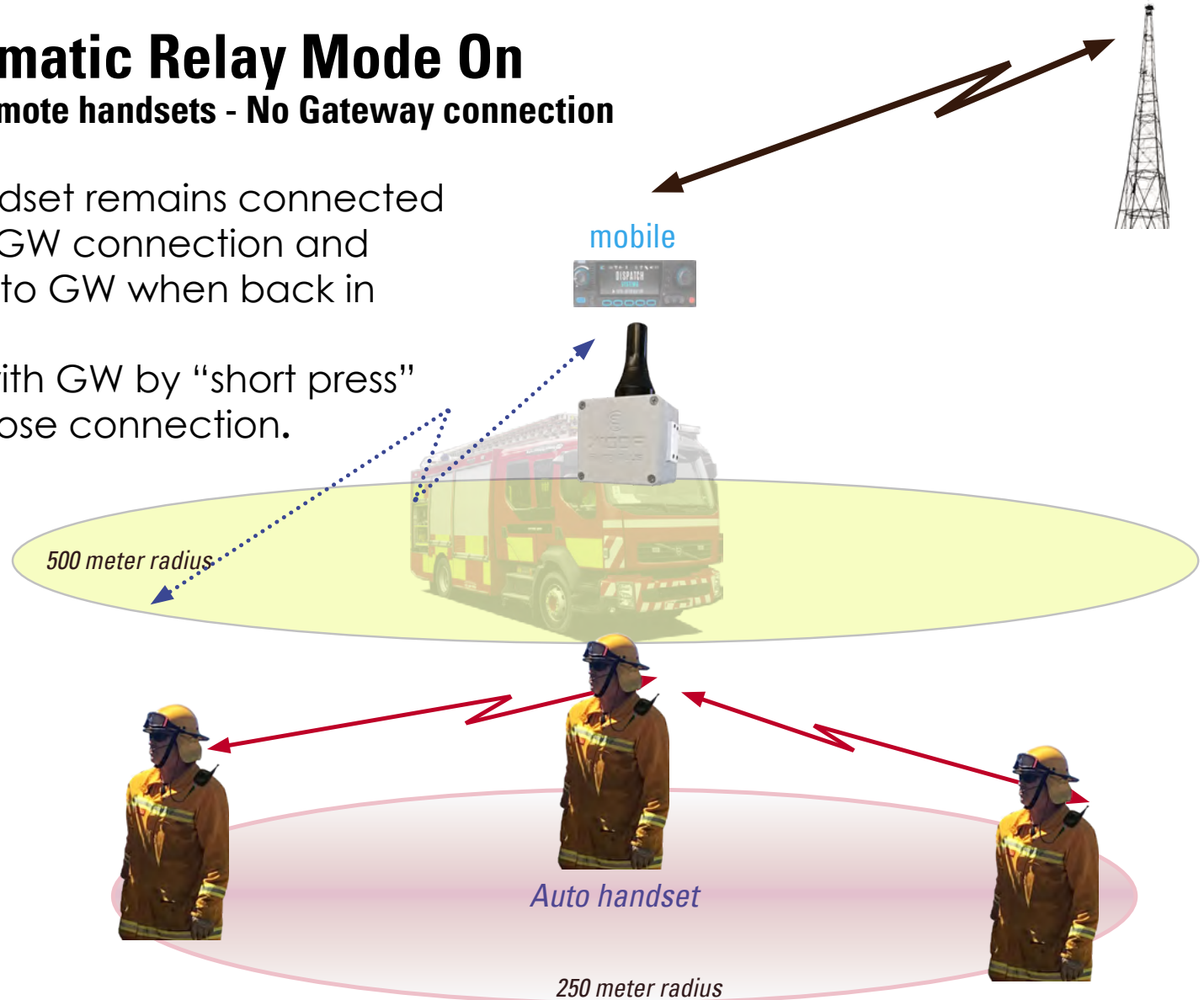
** handset need to be paired to each other handset.*



Elite Plus with Automatic Relay Mode On 1 Relay Mode handset with 2 Remote handsets - No Gateway connection

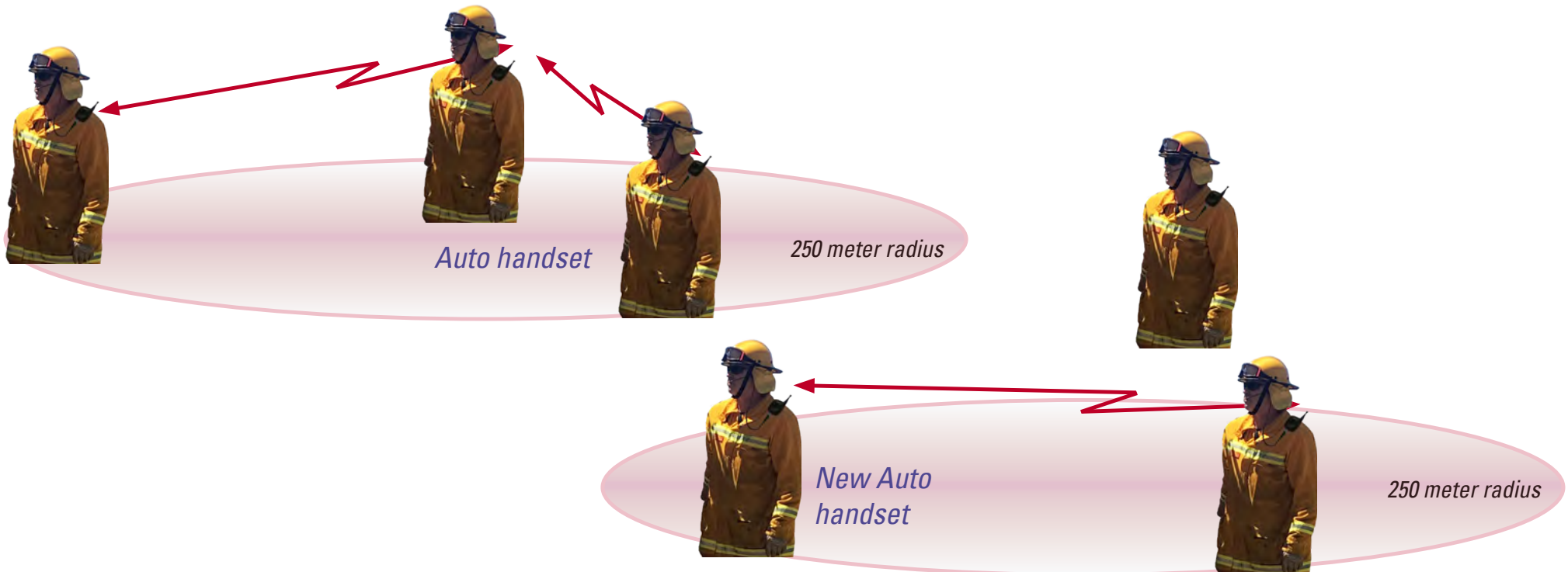
“Auto assigned Relay” handset remains connected to other handsets if it loses GW connection and automatically re-connects to GW when back in range.

Handsets can reconnect with GW by “short press” “search” or wait until they lose connection.



Elite Plus with Automatic Relay Mode On 1 Relay Mode handset with 2 Remote handsets - No Gateway connection

“Auto assigned Relay” handset remains connected to other handsets and will automatically re-connect to GW when back in range. Handsets can reconnect with GW by short pressing “search” or wait until they lose connection. If connection with the “Auto assigned Relay” handset is lost, then other handset will try to link with other in range handsets.



XGALA Gateway Audio Level Adjuster

- Optimize YOUR AUDIO QUALITY AND LOUDNESS

“Fast tune” audio adjustment

Adjust Gateway Transmit audio output to radio
Adjust Gateway Receive audio input from radio
Adjust Gateway handset to handset audio level

Simply to use:

Run X10DR Gateway Audio Level PC App.
Plug USB cable into the gateway’s USB port
Set your levels while listening to transmissions
Unplug- you’re finished - it’s that quick and easy



Download App for free: www.x10dr.com



**TIME TO GET
LIBERATED™**

Thankyou