

Unity[®]

S P O T L I G H T



Bluetooth[®] Clone

Enables communications between multiple versions and types of radio programming

- **Integrated Capability** – built into every unit
- **Fast** – clone programming in seconds
- **Easy** – a few button presses to complete

Usage scenario:

There is a multi-car pile-up on Route 40. A large number of police, volunteer firefighters and EMTs are on scene. The County Sheriff must communicate with all of them - fast! His radio is not programmed to do so. Through the use of the **Bluetooth Clone** technology built into the **Unity XG-100P**, he is able to quickly clone his radio with the programming of another radio to effectively communicate with other first responders on-scene.

Easy Instructions on Back!

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How to Receive:

1 Select Program

2 Select Clone Plans

3 Select Receive Clone

4 Here it comes!

How to Transmit:

1 Select Program

2 Select Mission Plan, press Menu and select Clone Plan

3 Find the radio the plan should be sent to

4 Accept the Passkey for the receiving radio and ship it!



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Command Tactical Zone

Dynamic and customizable interoperability created on the fly. This feature allows users to communicate with radios not part of preset zones – regardless of VHF, UHF or 700/800 MHz.

- **User-defined Custom Zone** providing up to 48 additional channel assignments
- **Keeps configured zones as long as they are needed** – including power cycles and battery changes
- **Eliminates the need for programming through computer interfaces**, such as RPM

Usage scenario:

Following the hurricane, numerous first responder units arrive from across the State. Members from the National Guard's Troop C are already present, as well as Fire House 3, and local and State Law Enforcement. With **Unity's Command Tactical Zone** feature, all necessary agencies can easily communicate by creating a command tactical zone on the scene.

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Command Tactical Zone

Portable



1
Select User-Defined zone on the front panel



2
Select View/Edit



3
Select the channels / talkgroups desired

Highlighted items are added to the list



4
Use the Options Menu to Customize Zones

Edit, Rename, Delete (Clear), and View Zones from Options

Mobile



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Multiple Mixed Systems Zones

An easy to use, interoperability feature that allows a radio user to communicate across multiple types of systems: analog conventional, P25 trunked and P25 conventional.

- A Zone comprised of multiple systems
- Knob positions can be assigned to:
 - » Analog Conventional Channels
 - » P25 Conventional Channels
 - » P25 Trunked Talkgroups
- 50 Mixed Systems Zones allowed in each Personality
 - » 50 Zones of 48 Assignments provides a maximum mapping of 2,400 channels

Usage scenario:

As State Police Field Operations coordinate the search and rescue for the missing child, it becomes apparent that they must communicate with multiple agencies and interoperate within several different radio systems. Several agencies are on P25 Trunked systems, others are on P25 Conventional tactical, and the local fire department is using analog channels. The Unity **XG-100P** comes pre-equipped with the solution – **Multiple Mixed Systems Zones**.

Easy Instructions on Back!

Multiple Mixed Systems Zones

Use RPM to create your mixed zone:

KnobNumber	SystemName	Channel Group Name
1	HOME	CR BASE
2	JECC	TEST A
3	HDME	ST FIRE
4	WEATHER	162-525
5	700 AID	7LAW62
6		
7		
8		
9		
10		

- 1 The zone is selectable like a standard zone and can be examined.
- 2 Select the zone
- 3 Each knob position assignment is shown
- 4 Each assignment's details are accessible



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P25 Conventional Situational Awareness

This feature provides awareness of other personnel in the area by displaying accurate GPS data for increased situational awareness; allowing one to safely focus on the task at hand.

- Displays position of other users with Unity radios in the area
- Each radio is uniquely identified on screen.
- Aids in personnel accountability

Usage scenario:

Officer Maroney was standing on the railroad tracks. His partner was somewhere off to his left and the suspect is invisible.

Despite the roaring wind and intense darkness he isn't worried. A quick glance at the Unity XG-100P with **P25 Conventional Situational Awareness** shows his partner a quarter mile directly south. The two of them are perfectly aware of each other and can focus on apprehending the suspect.

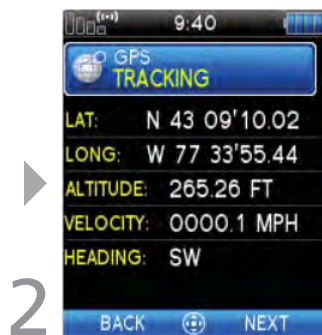
Easy Instructions on Back!

P25 Conventional Situational Awareness

- Select GPS.
- Verify GPS position and reception
- View finder shows each unit. Using the navigation pad, each unit can be selected and its position and status can be discerned. Red indicates emergency.



Select GPS



Verify GPS position and reception



View finder shows each unit. Using the navigation pad, each unit can be selected and its position and status can be discerned



Red indicates emergency



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