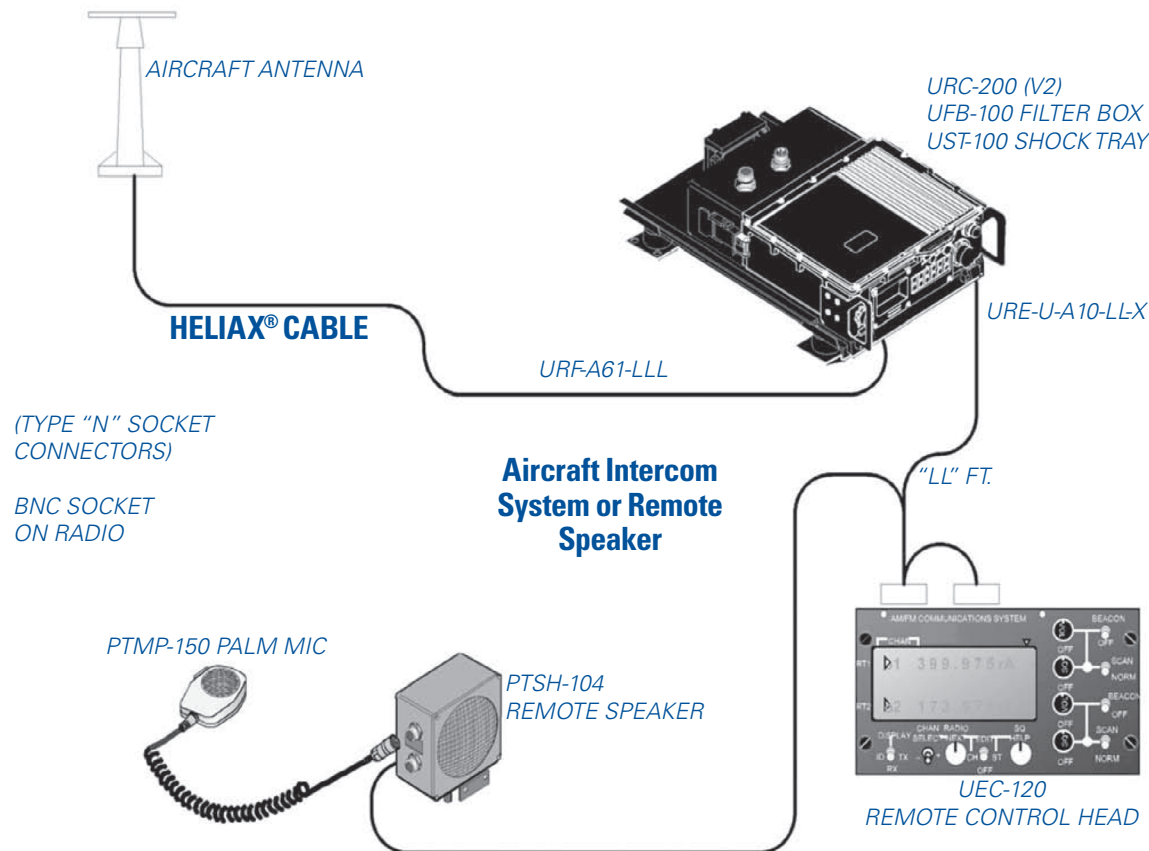


# Typical 10 Watt Aircraft/Shipboard System



## Parts List

10 Watt Aircraft/Shipboard System

### BASIC EQUIPMENT NEEDED:

Qty. Description

- 1 URC-200 (V2) UHF/VHF Transceiver
- 1 UFB-100 Filtered Power Interface Box
- 1 UST-100 Shock Tray for single radio
- 1 UEC-120 Remote Control Head
- 1 URE-U-A10-LLL-XX Remote Control Cable (LLL = Length of cable; XX = Length of audio pigtail)
- 1 PTSH-104 Remote Speaker/Amplifier Microphone
- 1 Aircraft Antenna (user to provide)
- 1 URF-A61-LLL Antenna Cable (optional)

### OPTIONAL EQUIPMENT:

Could use aircraft intercom system rather than PTSH-104 Speaker and PTMP-150 Microphone

### URC-200 (V2) OPTIONS:

- EBN-30 30 MHz to 90 MHz Functionality
- EBN-400 400 MHz to 420 MHz Functionality
- ECS-8 8.33 kHz Channel Spacing

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# Typical 10 Watt Backpack System

## ADDITIONAL OPTIONS:

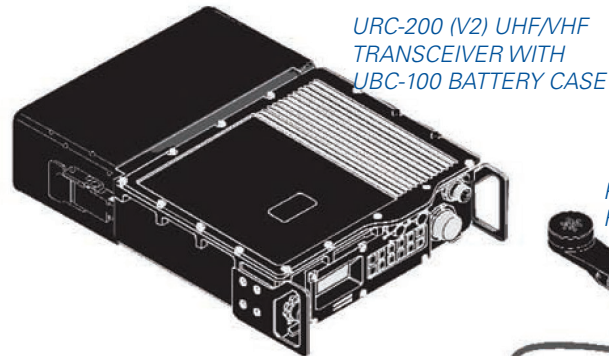
- UVL-100 ANTENNA  
(LVHF WHIP FOR USE WITH 30 TO 90 MHZ OPTION)
- LSBC-102(V1) BATTERY CHARGER



UVU-100  
ANTENNA



(2) BB590/U  
NiCad BATTERIES



URC-200 (V2) UHF/VHF  
TRANSCEIVER WITH  
UBC-100 BATTERY CASE



PTHS-110  
HANDSET



UCB-200, UCB-300, OR UCB-500 BACKPACK

## Parts List

Back Pack System

## BASIC EQUIPMENT NEEDED:

Qty. Description

- 1 PBP-200 (V2), PBP-300 (V2) or PBP-500 (V2) This consists of:
  - URC-200 (V2) UHF/VHF Transceiver
  - UBC-100 Battery Case
  - 2 BB-590/U or Similar Type Batteries
  - PTHS-110 Handset
  - UVU-100 Antenna
  - UCB-200, 300 or 500 Backpack
  - UBS-110 Commercial Battery Charger

## OPTIONAL EQUIPMENT:

- LSBC-102(V1) Battery Charger
- UVL-100 LVHF Antenna for use in the 30 MHz to 90 MHz
- band (only needed if EBN-30 option is purchased with radio)

## URC-200 (V2) OPTIONS:

- EBN-30 30 MHz to 90 MHz Functionality
- EBN-400 400 MHz to 420 MHz Functionality
- ECS-8 8.33 kHz Channel Spacing


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## ADDITIONAL OPTIONS:



UVU-300  
(for use with  
30 to 90 MHz  
option)



UVU-130  
(optional)



Type "N"  
socket  
connector



### BASIC EQUIPMENT NEEDED:

- 1 PRM-100 (V2) (10 Watt Rackmount System) This consists of:

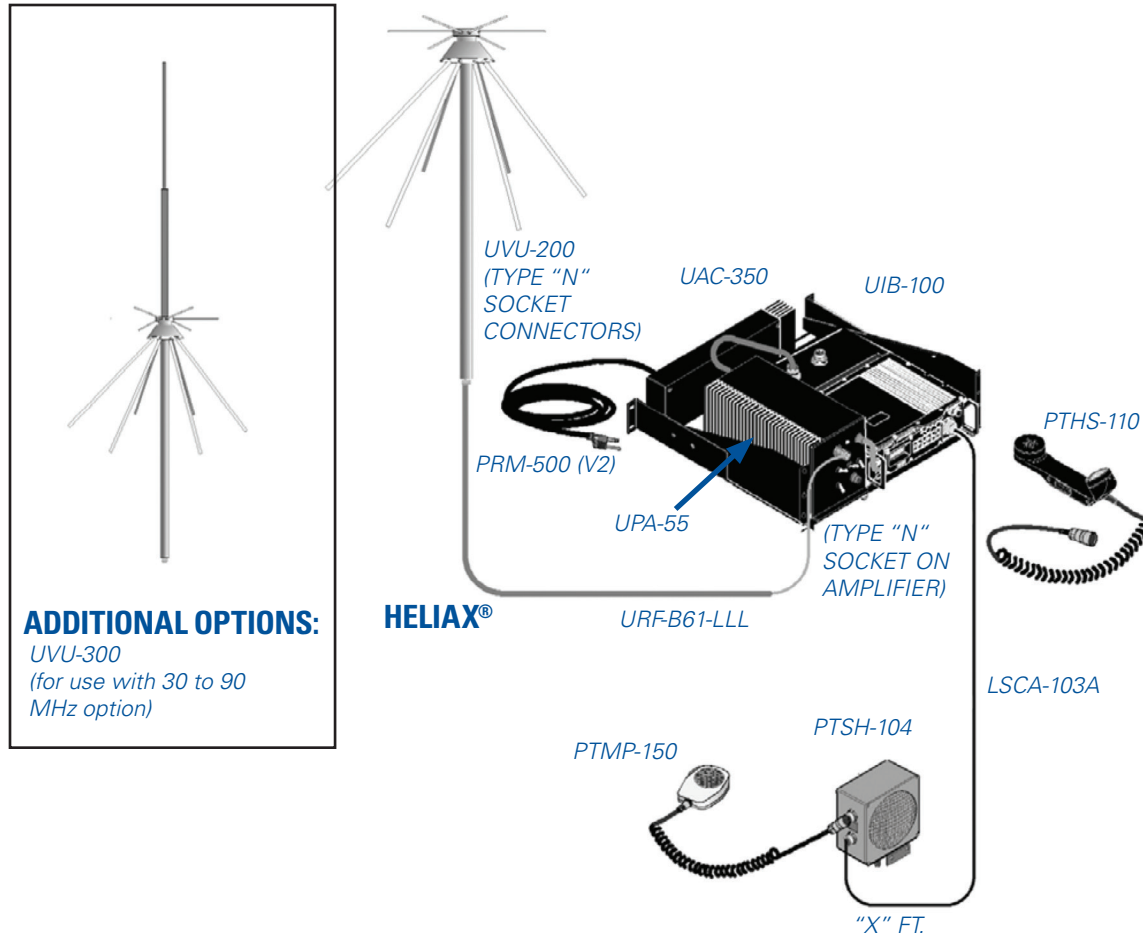
- ### OPTIONAL EQUIPMENT:

- ### URC-200 (V2) OPTIONS:

- H-10WBS-04-0716



# Typical 50 Watt Base Station System



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## Parts List

50 Watt Base Station System

### BASIC EQUIPMENT NEEDED:

Qty. Description

#### ■ 1 PRM-500 (V2) (50 Watt Rackmount System) This consists of:

- URC-200 (V2) UHF/VHF Transceiver
- UAC-350 AC Power Supply
- UIB-100 Power Interface Box
- UPA-55 50 Watt Power Amplifier
- URM-100 19 inch Rack Mount Tray
- PTHS-110 Handset
- UVU-200 Discone Antenna
- URF-B61-LLL Antenna Cable

### ■ OPTIONAL EQUIPMENT:

- UVU-300 3 Band Antenna for use in the 30 MHz to 90 MHz band as well as UHF and VHF (Only needed if EBN-30 option is purchased with radio)

- LSCA-103A Cable
- PTSH-104 Speaker
- PTMP-150 Palm Mic

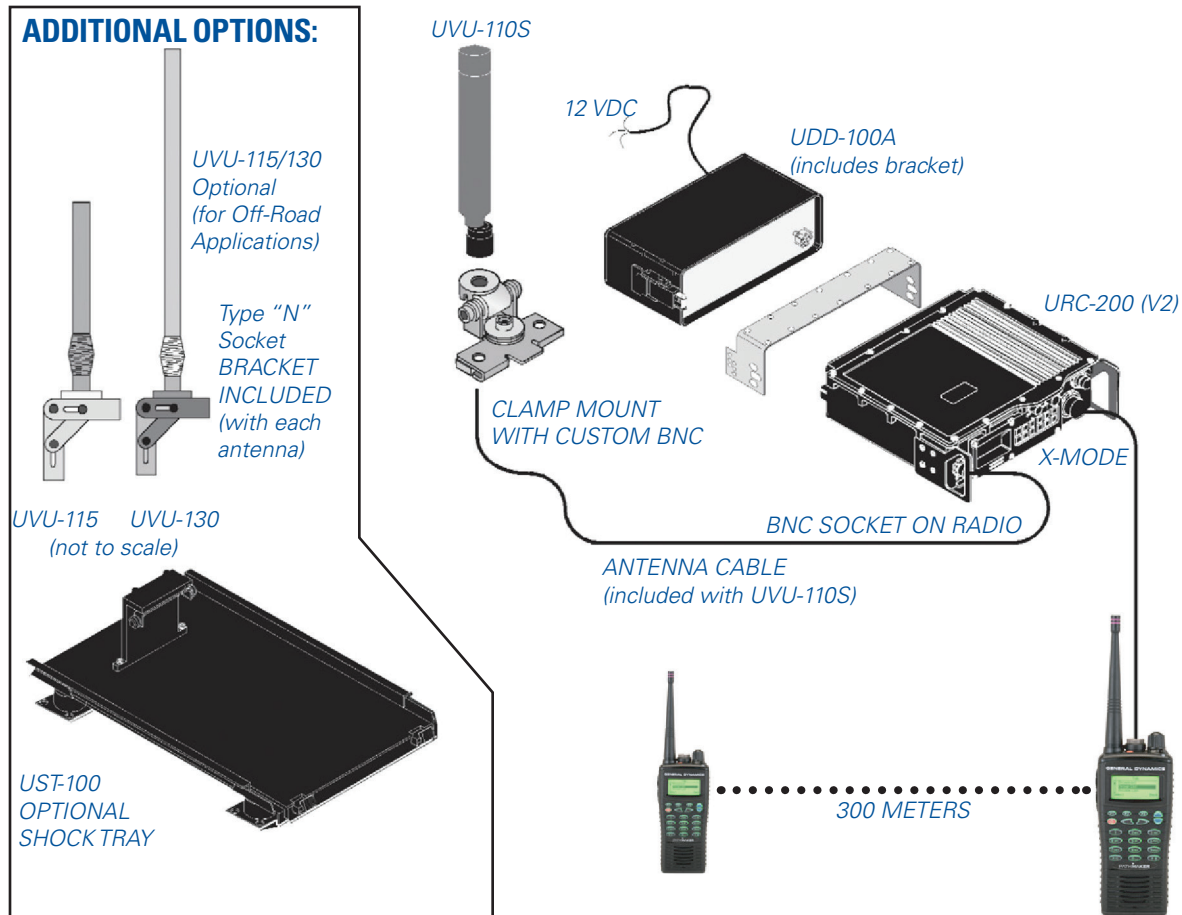
### URC-200 (V2) OPTIONS:

- EBN-30 30 MHz to 90 MHz Functionality
- EBN-400 400 MHz to 420 MHz Functionality
- ECS-8 8.33 kHz Channel Spacing



# Extended Mobile Communications System

## Ground-to-Air Comms Away from the Vehicle



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### Parts List

Extended Mobile Communications System

#### BASIC EQUIPMENT NEEDED:

- URC-200 (V2) UHF/VHF Transceiver
- UDD-100A DC-DC Power Supply (with mounting bracket)
- (1) Pathmaker™ Network Radio
- Pathmaker Analog Gateway Radio
- Pathmaker Audio Interface Cable
- Pathmaker antenna
- UVU-110S light duty Vehicular Spring Antenna with Clamp Mount and Cable

#### OPTIONAL EQUIPMENT:

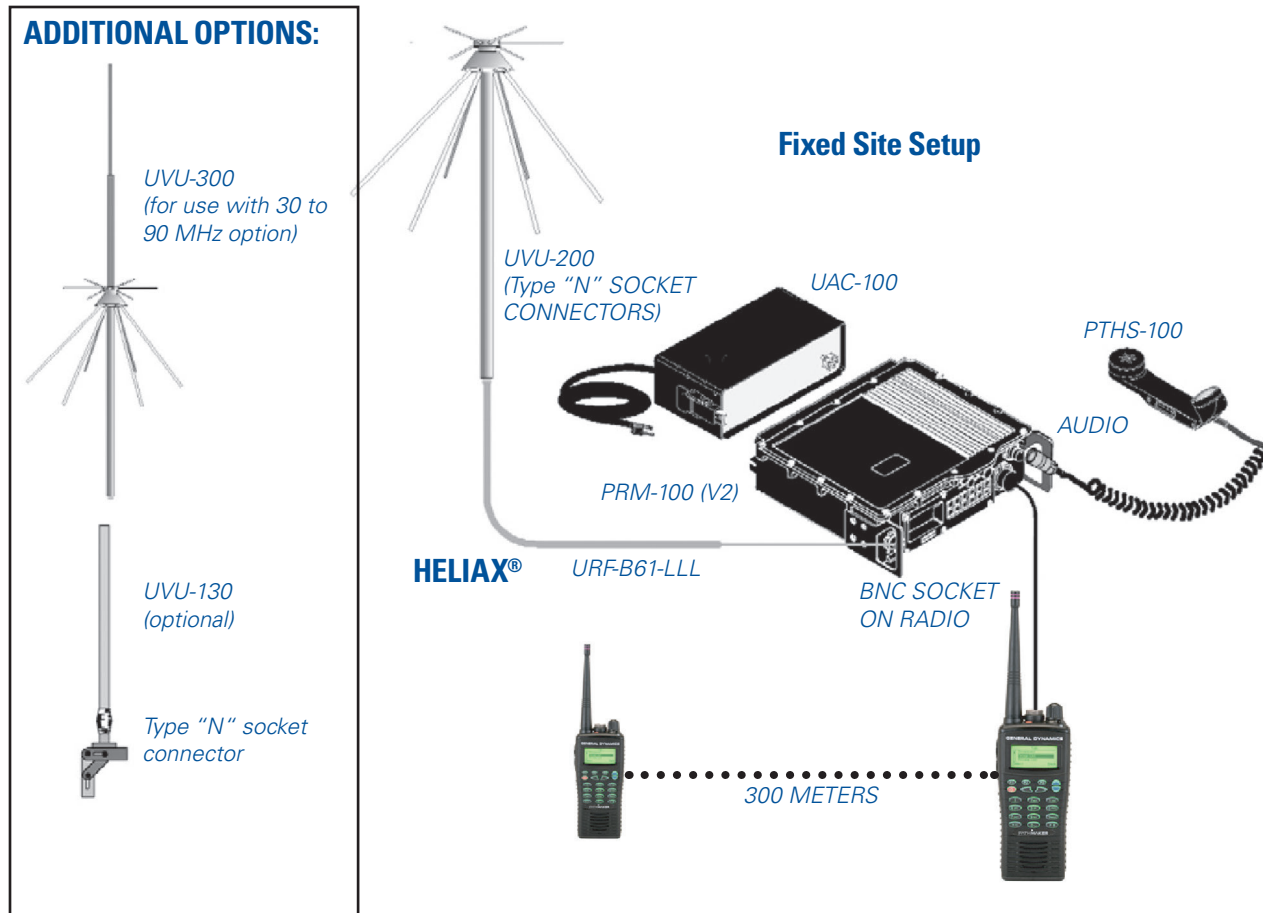
- UVU-115: Vehicular Antenna
- UVU-130: Vehicular Antenna
- UST-100: Shock Tray for Single Radio
- PTMP-150: Palm Microphone
- PTHS-110: Handset

- Extra Pathmaker batteries
- Extra Pathmaker radios for range extension

#### URC-200 (V2) OPTIONS:

- EBN-30: 30 MHz to 90 MHz Functionality
- EBN-400: 400 MHz to 420 MHz Functionality
- ECS-8: 8.33 kHz Channel Spacing

# Handheld Ground-to-Air Comms System



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## Parts List

### BASIC EQUIPMENT NEEDED (FIXED SITE):

- URC-200 (V2) UHF/VHF Transceiver
- UAC-100 AC Power Supply
- URM-100 19 inch Rack Mount Tray (not shown)
- PTHS-110 Handset
- UVU-200 Discone Antenna
- URF-B61-LLL Antenna Cable
- (1) Pathmaker™ Network Radio
- Pathmaker Analog Gateway Radio
- Pathmaker Audio Interface Cable

### BASIC EQUIPMENT NEEDED (PORTABLE):

- URC-200 (V2) UHF/VHF Transceiver
- PTHS-110 Handset
- (2) BB-590/U Batteries
- LSBC-102(V1) Battery Charger
- UVU-100 Antenna Backpack
- (1) Pathmaker™ Network Radio
- Pathmaker Analog Gateway Radio
- Pathmaker Audio Interface Cable

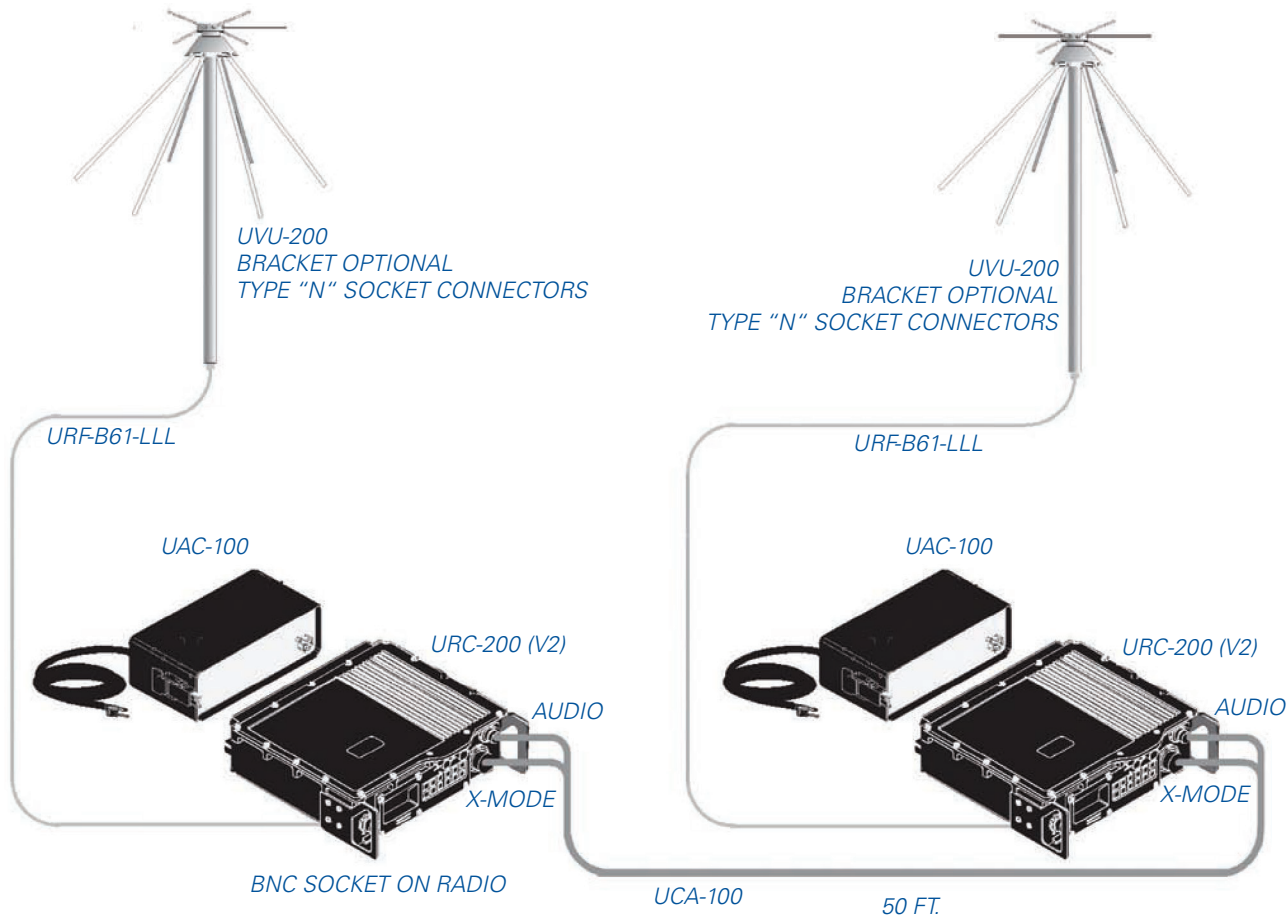
### OPTIONAL EQUIPMENT:

- UVU-300: 3 Band Antenna for use in the 30 MHz to 90 MHz band as well as UHF and VHF (Only needed if EBN-30 option is purchased with radio)
- Extra Pathmaker batteries
- Extra Pathmaker radios for range extension

### URC-200 (V2)OPTIONS:

- EBN-30: 30 MHz to 90 MHz Functionality
- EBN-400: 400 MHz to 420 MHz Functionality
- ECS-8: 8.33 kHz Channel Spacing

# Typical Repeater/Retransmit System



## Parts List

10 Watt Repeater / Retransmit System

### BASIC EQUIPMENT NEEDED:

Qty. Description

- 2 URC-200 (V2) UHF/VHF Transceiver
- 2 UAC-100 Power Supply
- 2 UVU-200 Discone Antenna
- 2 URF-B61-LLL Antenna Cable
- 1 UCA-100 Retransmit Cable

### OPTIONAL EQUIPMENT:

- UVU-300 3 Band Antenna for use in the 30 MHz to 90 MHz band as well as UHF and VHF (Only needed if EBN-30 option is purchased with radio)

### URC-200 (V2) OPTIONS:

- EBN-30 30 MHz to 90 MHz Functionality
- EBN-400 400 MHz to 420 MHz Functionality
- ECS-8 8.33 kHz Channel Spacing

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