UEC-120 and UEC-220 Remote Control Units

Compatible with URC-200 radios

Use of the UEC-120 or UEC-220 Remote Control Units enables operation of the URC-200 Transceiver remotely in a variety of platforms and applications, including mobile, airborne, or base station. The UEC-120 will control one URC-200 Transceiver, while the UEC-220 will control one or two transceivers.

UEC-120 and UEC-220 Features:

• Expands memory from 10 to 60 Preset Channels

• Alphanumeric preset labeling

• Night Vision Goggle (NVG) compatibility

• Manual or automatic display dimming

• Easy to read display

• DZUS panel mounting

When using the URE-U-A10 (10 Watt system) or URE-U-A50 (50 Watt system) cable, the UEC-120 or UEC-220 will control the URC-200 up to 300 feet away. Adding the PTSH-104 Amplified Speaker along with the PTMP-150 Palm Microphone completes the remote system for your URC-200 Transceivers. The UEC-120 or UEC-220 are capable of changing the transceiver's frequency, modulation mode, Tx output power, Rx Squelch setting, etc., while the added speaker and microphone will handle the audio portion in the remote system.
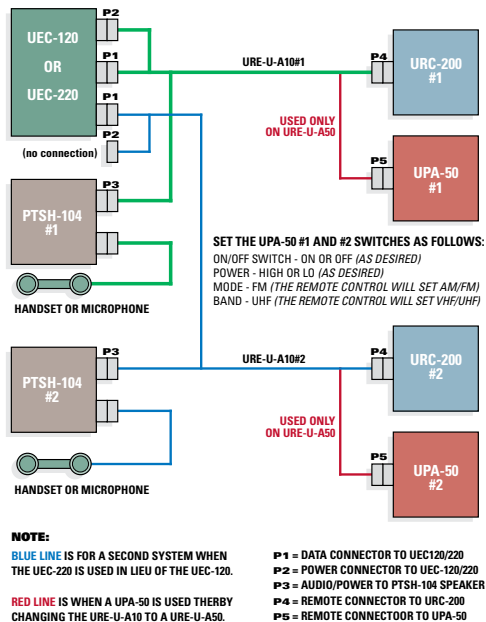
GENERAL DYNAMICS

UEC-120 and UEC-220 Specifications

	UEC-120	UEC-220
Part Number:	01-P36009M009	01-P36009M010
URC 200 Transceivers:	1	1 or 2
Operating Voltage:	28 VDC	28 VDC
Operating Current:	<0.25 Amps	<0.25 Amps
Dimensions:	3.0" H x 5.75" W x 6.3" D	3.0" H x 5.75" W x 6.3" D
Weight:	2.5 pounds	2.5 pounds
Operating Temperature:	-20°C to +60°C	-20°C to +60°C
Shock:	EIA & MIL-STD-810	EIA & MIL-STD-810
Humidity:	To 90%	To 90%
Altitude:	16,500 feet (unpressured)	16,500 feet (unpressured)
Preset Channels:	Stores 6 Banks of 10 Preset Channels	Stores 6 Banks of 10 Preset Channels
Each Preset Channel is Selectable for:	• Tx Frequency • Rx Frequency • AM or FM Modulation • PT or CT Modes • Scan Preset • Alpha Numeric Identifier	• Tx Frequency • Rx Frequency • AM or FM Modulation • PT or CT Modes • Scan Preset • Alpha Numeric Identifier
Output Power:	Selectable	Selectable
Scan Mode:	Available*	Available*
Beacon Mode:	Turn ON or OFF	Turn ON or OFF

* Contact General Dynamics for more information

SET THE UPA-50 #1 AND #2 SWITCHES AS FOLLOWS:
ON/OFF SWITCH - ON OR OFF (AS DESIRED)
POWER - HIGH OR LO (AS DESIRED)
MODE - FM (THE REMOTE CONTROL WILL SET AM/FM)
BAND - UHF (THE REMOTE CONTROL WILL SET VHF/UHF)

NOTE:
BLUE LINE IS FOR A SECOND SYSTEM WHEN THE UEC-220 IS USED IN LIEU OF THE UEC-120.

RED LINE IS WHEN A UPA-50 IS USED THERBY CHANGING THE URE-U-A10 TO A URE-U-A50.

P1 = DATA CONNECTOR TO UEC120/220
P2 = POWER CONNECTOR TO UEC-120/220
P3 = AUDIO/POWER TO PTSH-104 SPEAKER
P4 = REMOTE CONNECTOR TO URC-200
P5 = REMOTE CONNECTOOR TO UPA-50

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