

# DR-1XE

## VHF/UHF C4FM Digital/FM Conventional AMS REPEATER

50 W 144/430 MHz DUAL BAND

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### System Fusion Key Features:

- AMS (Automatic Mode Select) function automatically recognizes the signal as C4FM digital or conventional FM
- Better BER (Bit Error Rate) characteristics of C4FM provides Superior Audio Quality and Crisp Clear Voice
- Better BER (Bit Error Rate) characteristics of C4FM provides better reception while moving and challenging weak signal
- Full 12.5 kHz bandwidth system provides high-speed data communication
- Snapshot Function allows you to enjoy image data with time and GPS information
- Digital Group Monitor (GM) Function
- Smart Navigation Function

### Radio Features:

- Modulation Modes: 12.5 kHz C4FM Digital, Conventional FM
- AMS (Automatic Mode Select) function automatically recognizes the signal as C4FM digital or conventional FM
- 3.5-inch Full Color Touch Panel Operation
- Extremely reliable, high RF Output Power: 50 W/20 W/5 W
- Front panel microphone connector is provided for use in repeater transmitter testing, and enables use as a base station
- Built-in large-size monitor speaker with front panel volume control
- 19" Rack Mount Available
- High Stability  $\pm 2.5$  ppm TCXO Included
- DSQ (Digital Squelch Code) Signaling Feature
- CTCSS and DCS Signaling Feature
- ID announcement Feature (Voice Mode: Requires FVS-2)
- Rear panel Control I/O port is connectable with the "S-COM 7330" repeater controller
- Base Station Operation

### Supplied Accessories:

DC Power Cord with Fuse  
Spare Fuse 15 A  
PC Connection Cable SCU-20  
Case Legs (4pcs)  
Operating Manual  
Warranty Card

### Specifications:

Frequency Ranges:	RX/TX : 144 to 146 MHz, 430 to 440 MHz
Channel Steps:	5/6.25 kHz
Circuit Type:	Double conversion super-heterodyne
Modulation Type:	F1D, F2D, F3E, F7W
Power Output:	50 W/20 W/5 W
Case Size(W x H x D):	482 x 88 x 380 mm w/o knob and connector
Weight (approx.):	8.8 kg
Qty in Master Carton:	1
Warranty:	2 Year



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