



DXP9100 SERIES

▶ **FLEXIBILITY**

Customizing radios by traditional methods is time consuming and interferes with productivity and operational efficiency. DX Radio's unique DXP9100 SIM-Plug over comes these problems by giving simple, rapid customization.

DX Radio's SIM-Plug is a device which memorizes the user's identity and the radio's programmed functions (SIM-Plug, formerly known as User Memory Plug - UMP).

▶ **IMPROVED COMMUNICATION**

Radio communication doesn't always take place in ideal conditions. It can be difficult to separate a voice message from background noise. Confidentiality is also an issue, particularly if messages include sensitive information.

▶ **SECURITY & PERSONAL SAFETY**

Radio users operating in dangerous environments depend on equipment that will guarantee reliable communication. DX Radio's DXP9100 radios offer unique features to enhance security and personal safety.



GENERAL

MODULATION

Phase (speech)
Frequency (data)

SWITCHING BANDWIDTH

Full band

NICAD BATTERY - 1600mAh

NimH battery 2100 mAh

FREQUENCY BANDS

E0 - 68-88 MHz
AB - 138-174 MHz
TK - 403-450 MHz Rx
403-440 MHz Tx
U0 - 440-470 MHz
R1 - 335-375 MHz
KM 216-222 MHz

CHANNEL SPACING

12.5, 20 or 25 kHz
programmable

DUTY CYCLE

8 hours typical, high transmit
power 11 hours (NimH)

ANTENNA IMPEDANCE

50 ohms, SMA connector

DIMENSIONS

145mm(H) x 58mm(W) x
42mm(D)

TYPE APPROVAL

Conforms with European standards

WEIGHT

470g with battery and antenna

RECEIVER

SENSITIVITY

0.35µV for 12dB SINAD

AUDIO OUTPUT

500mW into 8 ohms
<5% distortion

TRANSMITTER

POWER OUTPUT

Country/band dependent
Maximum power output:
Minimum power output:

5W VHF, 4W UHF
1W

OPERATION

MODELS

DXP8010-Basic version
DXP8020-Display version
DXP8030-With keypad & display

NUMBER OF CHANNELS

DXP8010: 4 channels
DXP8020: 100 channels
DXP8030: 200 channels

SIGNALING

CTCSS
Sequential Tone

OPERATION

Single & two frequency simplex

TRUNKING OPERATIONS

MODELS

DXP8021-No keypad
DXP8031-With keypad

NUMBER OF CHANNELS

1024 trunked channels
10 (non-trunked) conventional
channels with CTCSS

NETWORK COMPATIBILITY

UK MPT1343
Germany Chekker (Regionet 43)
France 3RP (CNET2424)
Netherlands Traxys (NL1343)

OPERATION

Two frequency simplex in
MPT1343 based trunked
systems.

SIGNALING

1200 baud FFSK

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Note: Not FCC type accepted/not for sale in the U.S.

Availability, Specifications & Pricing subject to change without notice.