

DXM9000 SERIES MOBILE RADIOS



DXM9010

► DXM9010

A dual mode radio for the user who has a basic need for voice communication, the DXM9010 has a compact microphone featuring a single digit LED display and three fixed function buttons - for volume up/down and for Channel/Memory select. In conventional mode the 10 channels may also be Scan or Vote groups. PTT Timer, Busy-channel-lockout and other traditional radio features can be enabled by the programmer. In Trunk mode the radio has 10 memories that can be set up to call phone numbers, depots, groups - the possibilities are endless. Incoming calls can be matched to the callers ID - if you don't answer, the memory number flashes in the display for when you return. Missed a call? Don't worry - the radio will let you access the last eight and calling people back is as easy as pressing the PTT button.

DXM9025



► DXM9025

A fully-featured, systems compatible, 1000-channel alpha name mobile, the DXM9025 boasts several powerful functions not found on other conventional or Trunk radios. Use it against the side of your head for privacy, leave the speaker enabled for traditional hand-held operation - or employ its integrated VOX handsfree function. Featuring a 2-line x 12-character dot matrix LCD display, a 12-button keypad and 6 assignable function buttons, separate Selcall and Status lists editable from the handset and much, much more, the DXM9025 is a very smart dual mode radio.

From the simplest voice communication to the most demanding system requirement, there's a DXM9000 mobile radio that's just right for your business, or your particular application.



DXM9030

► DXM9030

With its big 7-line x 14-character graphics display offering the flexibility when needed, the DXM9030 is a remote control head radio offering the same huge 1000-channel range, editable lists and other dual mode features as the DXM9025. Its navigation button allows easy scrolling via a menu system, permitting the creation of intuitive setups for system variations.



DXM9000 SERIES

MODEL	DXM9005	DXM9010	DXM9020	DXM9025	DXM9030
CONTROL	External map27	Controller microphone	Controller microphone	Keypad display handset	Control head + microphone
DISPLAY	n/a	7 segment led	6 digit LCD	2x12 dot matrix	7x14 dot matrix
CONVENTIONAL CHANNELS	Up to 1000	10	100	1000	1000
SCAN & VOTE	124gp x 16ch	10gp x 10ch	124gp x 16ch	124gp x 16ch	124gp x 16ch
TRUNK CALL ADDRESSES	n/a	10	250	250	250
SIGNALING	CTCSS, ANI Selcall	CTCSS, ANI Selcall	CTCSS, Selcall, dual 250 entry status lists	CTCSS, DTMF, Selcall, dual 250 entry status lists	CTCSS, DTMF, Selcall, dual 250 entry status lists
PROGRAM FUNCTION BUTTON	N/A	N/A	6	12 button keypad, plus 6 programmable buttons	12 button keypad, plus 4 programmable & 2 dedicated call buttons.
HANDS FREE WITH VOX	N/A	Option	Option	Yes	Yes

GENERAL

CHANNEL SPACING:

12.5 or 20/25kHz selectable per channel.

FREQUENCY BAND:

EO 66-88MHz
 AB 136-174MHz
 KM 216-222 MHz
 TK 400-450MHz
 UW 440-500MHz

OPERATING TEMPERATURE

-30° C to 60° C

STORAGE TEMPERATURE

-40° C to +80° C

ANTENNA CONNECTOR

50 ohm BNC

ENVIRONMENTAL PROTECTION:

IP54

INPUTS/OUTPUTS:

Ignition-sense input
 RTS/PTT
 CTS/Carrier detect
 On/Off

TRUNKED OPERATIONS:

MPT1327/1343 (1024 channels)
 250 entry phone book
 Normal, Priority, Emergency, Group, Broadcast, Diversion, Busy and Queued Status calls, Abbreviated dialing.

SIZE AND WEIGHT:

TRANSCIVER 56h x 170w x 165d mm, 1.8kg
9010 MICROPHONE 82h x 57w x 38d, 150g
9020 MICROPHONE 96h x 68w x 44d, 200g
9025 HANDSET 165h x 52w x 30d, 200g
9030 CONTROL HEAD 65h x 188w x 45d mm, 200g
9030 MICROPHONE 82h x 57w x 38d, 150g
SPEAKER 70h x 100w x 47d, 240g
TYPE APPROVAL:
 ETS300 086 Radio, ETS300 113 Data, ETS300 279 EMC

TRANSMITTER

TRANSMIT POWER:

2 level (high/low), 1W to 25W selectable per channel.

DUTY CYCLE:

1 minute transmit, 4 minutes receive

AUDIO DISTORTION:

<3% @ 1kHz, 60% deviation

AUDIO FREQUENCY RESPONSE:

+1dB to -3dB or pre-emphasised 300 to 3000Hz on 25kHz channel; 300 to 2550Hz on 12.5kHz channel.

HUM AND NOISE:

>40dB (12.5kHz); >45dB (25kHz)

TRANSMIT RISE TIME: <25mSec

RECEIVER

SENSITIVITY:

03.uV for 12dB SINAD

SELECTIVITY:

>73dB (25kHz); >65dB (12.5kHz)

INTERMODULATION: >65dB (ETS method)

AUDIO FREQUENCY RESPONSE:

+/-3dB of de-emphasised 300 to 3000Hz with CTCSS

AUDIO OUTPUT: 4W into 4 ohms @

<5% distortion (link for 10W into 8 ohms)

BLOCKING: >95dB at +/- 1MHz

HUM AND NOISE: >40dB (12.5kHz)

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Availability, Specifications & Pricing subject to change without notice.

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

16-1004-DXM9000