

**DIGITAL
TC-144DX
144MHz**

S
watts

Li-ion
1400mAh



- AMATEUR RADIO FM TRANSCEIVER
- 99 CHANNELS, 1400 mAh Li-ION BATTERY
- DCS 107 NORMAL CODES
- 50 GROUPS OF CTCSS
- CHANNEL DISPLAY
- FREQUENCY DISPLAY
- DUPLEX FUNCTION
- SCAN FUNCTION
- HIGH/LOW POWER SWITCHABLE
- AUTO BATTERY SAVE
- TIME-OUT TIMER
- VOX SENSITIVITY (VOX)
- ETC.



S
watts

Li-ion
1400mAh

**TC-245DX
245MHz**

- PUBLIC RADIO FM TRANSCEIVER
- 80 CHANNELS, 1400 mAh Li-ION BATTERY
- 19 FREE MEMORIES
- DCS 107 NORMAL CODES
- 50 GROUPS OF CTCSS
- CHANNEL DISPLAY
- FREQUENCY DISPLAY
- DUPLEX FUNCTION
- SCAN FUNCTION
- HIGH/LOW POWER SWITCHABLE
- AUTO BATTERY SAVE
- TIME-OUT TIMER
- VOX SENSITIVITY (VOX)
- ETC.

CHANNEL & FREQUENCY DISPLAY

DUPLEX & REPEATER

CTCSS

DCS

TOT

z z z
AUTO POWER SAVE

VOX



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Specification

TC-144DX

TC-245DX

General

Frequency cover range	144.0000 - 146.0000MHz	245.0000 - 245.9875MHz
Mode Type	FM (F3E)	FM (F3E)
Frequency Stability	+/-5 ppm (-20°C to + 55°C)	+/-5 ppm (-20°C to + 55°C)
Operating temperature range	-20°C to +55°C	-20°C to +55°C
Power supply requirement	7.4 V DC.	7.4 V DC.
Current stand-by	40 mA.	40 mA.
Current transmitting	1400 mA.	1400 mA.
Antenna impedance	50 Ohm.	50 Ohm.
Dimensions	90 x 51 x 28 mm.(h x w x d)	90 x 51 x 28 mm. (h x w x d)
Weight	183 g.	183 g.
Channel Spacing	25 KHz.	12.5 KHz.

Transmitter

Transmitting current drain	Hi<1.5A	Hi<1.5A
Power output	Hi : 5 W. Lo : 1 W.	Hi : 5 W. Lo : 1 W.
Transmitting Frequency error	+/-500Hz	+/-500Hz
Spurious radiation	63 dB.	60 dB.
Adjacent channel power	<-70 dBm.	<-63 dBm.
Max frequency deviation	0.300~2.5KHz. / 20dB up	0.300~2.5KHz. / 20dB up
Tx distortion	Less than 5 %	Less than 5 %
Tone frequency output	0.4-0.75KHz.	0.4-0.75KHz.
Harmonious wave	-63 dBm	-63 dBm.
Tx frequency response	+1dB to - 3dB of + 6dB. Octave with 300~3000 Hz. For 1000Hz. reference PRE/EMP.	+1dB to - 3dB of + 6dB. Octave with 300~3000 Hz. For 1000Hz. reference PRE/EMP.

Receiver

Sensitivity	<0.25 μV at 12 dB. / SINAD	<0.25 μV at 12 dB. / SINAD
Squelch sensitivity	<0.158 μV.	<0.158 μV.
Selectivity	<-65 dBm.	<-65 dBm.
Intermodulation Modulation	65 dB.	60 dB.
Squrious response rejection	63 dB.	60 dB.
Adjacent channel selectivity	63 dB.	63 dB.
Frequency Stability	+/-5 ppm	+/-5 ppm
Audio output max	>500 mW.	>500 mW.
Rx distortion	<5% at 8 Ohm Speaker	<5% at 8 Ohm Speaker
Rx frequency response	+1dB to - 3dB of + 6dB. Octave with 300~3000 Hz. For 1000Hz. reference DE/EMP.	+1dB to - 3dB of + 6dB. Octave with 300~3000 Hz. For 1000Hz. reference DE/EMP.

Distribution By
ศูนย์ลูกค้าสัมพันธ์



รับชม:ทัศนคุณภาพ
อะไหล่แท้และบริการ



Helpline on : 0-2392-1500

If you still have any problems,please contact our Customer Cares.

: Monday- Saturday 8.30 am.-5.30 pm.

: Sunday and Public Holidays : Closed

www.tccom.co.th



SPENDER

Dealer's Stamp

