

# SPENDER®

The Perfect Two Way Radios

ได้รับการรับรองมาตรฐานสากล



ISO 9001 : 2008

## SCRAMBLER FM RADIO 87.5 - 108.0MHz.

HANDHELD VHF TRANSCEIVER . . . .



### TC-144HP **144MHz.**

- 128 CHANNELS FREE MEMORIES
- 50 GROUPS OF CTCSS
- SCRAMBLER FUNCTION
- CHANNEL EMERGENCY
- TIME-OUT TIMER
- DUPLEX FUNCTION
- FM RADIO 87.5-108.0 MHz.
- SCAN FUNCTION
- LED SWITCH 3 COLORS
- VOX SENSITIVITY (VOX)
- ETC.

### TC-245HP **245MHz.**

- 80 CHANNELS, 48 FREE MEMORIES
- 50 GROUPS OF CTCSS
- SCRAMBLER FUNCTION
- CHANNEL EMERGENCY
- TIME-OUT TIMER
- DUPLEX FUNCTION
- FM RADIO 87.5-108.0 MHz.
- SCAN FUNCTION
- LED SWITCH 3 COLORS
- VOX SENSITIVITY (VOX)
- ETC.



ศูนย์: สหคุณภาพอะไหล่ทุกประเภท



## Specification

## TC-144HP

## TC-245HP

### General

Frequency cover rage	144.0000 - 146.0000 MHz.
Mode Type	FM [F3E].
Frequency Stability	+/-5 ppm.
Operating temperature rage	-20 C to +55 C.
Power supply requirement	7.4 v DC.
Current stand-by	40 mA.
Current transmitting	1200 mA.
Antenna impedance	50 Ohm.
Dimensions	101 x 60 x 33 mm. (h x w x d)
Weight with battery	205 g.
Channel Spacing	25 KHz./ 12.5 KHz.
Body case	Black

245.0000 - 245.9875 MHz.
FM [F3E].
+/-5 ppm.
-20 °C to +55 °C.
7.4 v DC.
40 mA.
1200 mA.
50 Ohm.
101 x 60 x 33 mm. (h x w x d)
205 g.
12.5 KHz.
Red

### Transmitter

Transmitting current drain	Hi < 1.5A/ Lo < 0.8 mA.
Power output	Hi : 5W./ Lo : 1W.
Transmitting Frequency error	+/- 500 Hz.
Spurious radiation	-70 dB.
Adjacent channel power	< - 73 dBm.
Max. frequency deviation	± 5.0 KHz.
TX distortion	< 5%
TX frequency response	+1dB to - 3dB of + 6dB. Octave with 300~3000 Hz. For 1000Hz. reference DE/EMP.

Hi < 1.5A/ Lo < 0.8 mA.
Hi : 5W./ Lo : 1W.
+/- 500 Hz.
-63 dB.
< - 63 dBm.
± 2.5 KHz.
< 5%
+1dB to - 3dB of + 6dB. Octave with 300~3000 Hz. For 1000Hz. reference DE/EMP.

### Receiver

Sensitivity	< 0.25 µV at 12 dB./ SINAD
Squelch sensitivity	< 0.158 µV.
Selectivity	< - 70 dBm.
Intermodulation Rejection	70 dB.
Squrious response rejection	73 dB.
Adjacent channel selectivity	70 dB.
Frequency Stability	+/- 5 ppm
Audio output max	> 500 mW.
RX distortion	< 5% at 8 Ohm Speaker
RX frequency response	+1dB to - 3dB of + 6dB. Octave with 300~3000 Hz. For 1000Hz. reference DE/EMP.

< 0.25 µV at 12 dB./ SINAD
< 0.158 µV.
< - 65 dBm.
65 dB.
60 dB.
63 dB.
+/- 5 ppm
> 500 mW.
< 5% at 8 Ohm Speaker
+1dB to - 3dB of + 6dB. Octave with 300~3000 Hz. For 1000Hz. reference DE/EMP.

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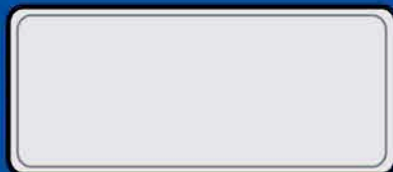
**Helpline on : 0-2392-1500 (AUTO)**

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

: Monday - Friday 8.30 am. - 7.30 pm.  
: Saturday 8.30 am. - 5.30 pm.  
: Sunday and Public Holiday : Closed

[www.tccom.co.th](http://www.tccom.co.th)

Dealer's Stamp



รับประกันคุณภาพ  
อะไหล่แท้และบริการ

ทางบริษัทฯ ขอสงวนสิทธิ์ในการเปลี่ยนแปลงฟังก์ชันและหรือข้อมูลรวมทั้งข้อผิดพลาดในการพิมพ์โดยไม่ต้องแจ้งให้ทราบล่วงหน้า