

**SPENDER**<sup>®</sup>  
THE PERFECT TWO WAY RADIOS

ครบครันเรื่องเทคโนโลยีที่คุณต้องการ



Li-ion  
1100mAh

**HERO-X4**  
**144MHz**

- AMATEUR RADIO FM TRANSCEIVER
- 199 FREE CHANNELS, 1100 mAh Li-ION BATTERY
- FM RADIO MODE
- 50 GROUPS OF CTCSS
- 214 CODES OF DCS
- HIGH / LOW POWER
- CHANNEL DISPLAY MODE
- MEMORY DISPLAY MODE
- FREQUENCY DISPLAY MODE
- SCAN CTCSS / DCS MODE
- SET UP NAME REPLACE CHANNEL
- AUTO POWER OFF
- ROGER BEEP SOUND (ROG)
- S-METER BAR
- VOX SENSITIVITY (VOX)
- LOW BATTERY ICON ALERT
- DUPLEX FUNCTION
- TIME - OUT TIMER
- ETC.



**HERO-X5**  
**245MHz**



Li-ion  
1100mAh

- PUBLIC RADIO FM TRANSCEIVER
- 119 FREES CHANNELS, 1100 mAh Li-ION BATTERY
- 50 GROUPS OF CTCSS
- 214 CODES OF DCS
- HIGH / LOW POWER
- CHANNEL DISPLAY MODE
- MEMORY DISPLAY MODE
- FREQUENCY DISPLAY MODE
- AUTO POWER OFF
- SCAN CTCSS / DCS MODE
- SET UP NAME REPLACE CHANNEL
- ROGER BEEP SOUND (ROG)
- S-METER BAR
- VOX SENSITIVITY (VOX)
- DUPLEX FUNCTION
- FM RADIO MODE
- TIME - OUT TIMER
- LOW BATTERY ICON ALERT
- ETC.



**BEST QUALITY**

CHANNEL & FREQUENCY DISPLAY

CTCSS

DCS

TOT

DOT-MATRIX DISPLAY

FM RADIO

MULTI SCAN



DIGITAL CODES BATTERY LI-ION

# SPECIFICATION

## HERO-X4

## HERO-X5

### General

Frequency cover range	144.0000 - 146.0000MHz	245.0000 - 245.9875MHz
Mode Type	FM (F3E)	FM (F3E)
Frequency Stability	+/-5 ppm	+/-5 ppm
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	1100 mA.	1100 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 with battery	185 g.	185 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	<-63 dBm.	<-63 dBm.
Max frequency deviation	0.300 ~ 2.5KHz./20dB up	0.300~2.5KHz./20dB up
TX distortion	<5 %	<5 %
Harmonious wave	-63dBm.	-60dBm.
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	60 dB.	60 dB.
Adjacent channel selectivity	63 dB.	63 dB.
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



รับประกันคุณภาพ  
อะไหล่ทุกอะไหล่

**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**

Dealer's Stamp

**SPENDER**

