

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

**TC-144S**

**TC-245S**

ขนาดเล็กลง ๆ  
ในบรรดามือถือ

**TC-245S**

**TC-144S**

**144MHz  
5watts**

AMATEUR RADIO FM TRANSCEIVER  
199 CHANNELS, 1100mAh LI-ION BATTERY  
ULTRA COMPACT DESIGN  
EMERGENCY ALARM  
AUTO POWER OFF  
AUTO TESTING  
50 GROUPS OF CTCSS  
HIGH/LOW POWER ADJUST  
DUPLEX FUNCTION  
FREQUENCY DISPLAY  
S-METER BAR  
PC PROGRAMMABLE  
AUTO BATTERY SAVE  
TIME-OUT TIMER  
LOW BATTERY ICON ALERT



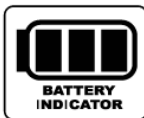
**245MHz  
5watts**

PUBLIC RADIO FM TRANSCEIVER  
80 CHANNELS, 1100mAh LI-ION BATTERY  
119 CHANNELS FREE MEMORY  
ULTRA COMPACT DESIGN  
EMERGENCY ALARM  
AUTO POWER OFF  
AUTO TESTING  
50 GROUPS OF CTCSS  
HIGH/LOW POWER ADJUST  
DUPLEX FUNCTION  
FREQUENCY DISPLAY  
S-METER BAR  
PC PROGRAMMABLE  
CHANNEL DISPLAY  
AUTO BATTERY SAVE  
TIME-OUT TIMER  
LOW BATTERY ICON ALERT



AMATEUR RADIO FM  
HANDHELD TRANSCEIVER

PUBLIC RADIO FM  
HANDHELD TRANSCEIVER



# SPENDER®

THE PERFECT TWO WAY RADIOS



ISO 9001:2000

Certificate

Number.FS 517494

องค์กรแห่งแรกของคนไทย

ที่ได้รับมาตรฐานคุณภาพสินค้าและบริการด้านวิทยุสื่อสาร

## TC-144S TC-245S

### Specification

### TC-144S

### TC-245S

#### General

Frequency cover Range	144.0000-145.9950 MHz	245.0000-245.9875 MHz
Channel Spacing	25 KHz	12.5 KHz
Frequency general	Synthesizer (PLL)	Synthesizer (PLL)
Mode Type	FM (F3E)	FM (F3E)
Frequency Stability	+/-5 ppm (-20°C to -55°C)	+/-5 ppm (-20°C to -55°C)
Operating temperature rang	-20°C to +55°C	-20°C to +55°C
Power supply requirement	7.2 V DC.	7.2 V DC.
Current stand-by	40 mA.	40 mA.
Current transmitting	1200 mA.	1200 mA.
Antenna impedance	50 Ohm.	50 Ohm.
Dimensions	50 x 90 x 30 mm. (w x h x d)	50 x 90 x 30 mm. (w x h x d)
Weight with battery	180 g.	180 g.

#### Transmitter

Output power	Hi : 5 W. Lo : 1 W.	Hi : 5 W. Lo : 1 W.
Spurious radiation	60 dB.	60 dB.
Adjacent channel powe	<-73 dBm.	60 dB.
Max.frequency deviation	+/-5KHz.	+/-2.5 KHz.
Audio distortion	Less than 5 %	Less than 5 %

#### Receiver

Sensitivity	< 0.2 uV at 12 dB. / SINAD	< 0.2 uV at 12 dB. / SINAD
Squelch sensitivity	< 0.158 uV.	< 0.158 uV.
Selectivity	73 dB.	60 dB.
Squrious response rejection	73 dB.	60 dB.
Intermodulation Modulation	73 dB.	60 dB.
Frequency Stabili	+/-5 ppm	+/-5 ppm
Audio output	> 400 mW.	> 400 mW.
Audio distortion	< 5% at 8 Ohm Speaker	Less than 5% at 8 Ohm

เลือกทำป้ทรเทศค้ด



เลือกทำป้ทรเทศค้ด



Distribution By



Helpline on : 0-2392-1500

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

: Monday-Friday 8.30 am.-5.30 pm.

: Saturday 8.30 am.-5.30 pm.

: Sunday and Public Holidays : Closed

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

Dealer's Stamp

