

SPENDER
THE PERFECT TWO WAY RADIOS

TC-245FMA & TC-144FMA

ชุมพลัง แรงจัดหยุดบ่อย

-  DUPLEX TONE RX TX
-  FM RADIO
-  DCS
-  CHANNEL & FREQUENCY DISPLAY
-  HI/LO POWER
-  TOT
-  AUTO TEST RX TX
-  CH name
-  VOX

TC-245FMA
245MHz 5watts

SCRAMBLER
FM RADIO
87.50-108.00 MHz.

PUBLIC RADIO FM TRANSCEIVER
80 CHANNELS, 1200 mAh LI-ION BATTERY

119 FREE MEMORY
50 GROUPS OF CTCSS
214 GROUPS OF DCS

HIGH/LOW POWER SWITCHABLE
AUTO POWER OFF
ROGEP BEEP SOUND (ROG)

S-METER BAR
VOX SENSITIVITY (VOX)

CALLING MELODY
DUPLX FUNCTION
FREQUENCY DISPLAY MODE
CHANNEL DISPLAY MODE
TIME - OUT - TIMER
LOW BATTERY ICON ALERT
ETC.



TC-144FMA
144MHz 5watts

SCRAMBLER
FM RADIO
87.50-108.00 MHz.

AMATEUR RADIO FM TRANSCEIVER
199 CHANNELS, 1200 mAh LI-ION BATTERY

50 GROUPS OF CTCSS
214 GROUPS OF DCS

HIGH / LOW POWER SWITCHABLE
AUTO POWER OFF
ROGER BEEP SOUND (ROG)

S-METER BAR
VOX SENSITIVITY (VOX)

CALLING MELODY
DUPLX FUNCTION
FREQUENCY DISPLAY MODE
CHANNEL DISPLAY MODE
AUTO TESTING
ADD NAME FUNCTION
TIME - OUT - TIMER
LOW BATTERY ICON ALERT

VERSION II
VIBRATION
ETC.



TC-245FMA



TC-144FMA

TC-144FMA / TC-245FMA

Specification

TC-144FMA

TC-245FMA

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 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	1200 mA.	1200 mA.
Antenna impedance	50 Ohm.	50 Ohm.
Dimensions	50 x 90 x 25 mm. (w x h x d)	50 x 90 x 25 mm. (w x h x d)
Weight with battery	200 g.	200 g.

Transmitter

RF Output power	Hi : 5 W. Lo : 1 W.	Hi : 5 W. Lo : 1 W.
Spurious radiation	60 dB.	60 dB.
Adjacent channel power	<- 73 dBm.	60 dB.
Max. frequency deviation	+/-3KHz.	+/-2.5 KHz.
TX distortion	Less than 5 %	Less than 5 %
TX frequency response	+1 dB - 3dB of+6dB. Octave with 300~3000 Hz. For 1000Hz. reference PRE/EMP.	+1 dB - 3dB of+6dB. Octave with 300~3000 Hz. For 1000Hz. reference PRE/EMP.

Receiver

Sensitivity	< 0.2 μV at 12 dB. / SINAD	< 0.2 V at 12 dB. / SINAD
Squelch sensitivity	< 0.158 μV	< 0.158 μV
Selectivity	73 dB.	63 dB. ^U
Scurious response rejection	73 dB.	63 dB.
Intermodulation Modulatio	73 dB.	63 dB.
Frequency Stability	+/-5 ppm	+/-5 ppm
Audio output	>400 mW.	>400 mW.
Audio distortion	>5% at 8 Ohm Speaker	>5% at 8 Ohm Speaker
TX frequency response	+1 dB - 3dB of+6dB. Octave with 300~3000 Hz. For 1000Hz. reference PRE/EMP.	+1 dB - 3dB of+6dB. Octave with 300~3000 Hz. For 1000Hz. reference PRE/EMP.

Distribution By
ศูนย์ลูกค้าสัมพันธ์



รับ:-สินค้าคุณภาพ
:-โทรศัพท์และ:-บริการ

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

