



TEKCOM HANDHELD VHF MARINE TRANSCEIVER

GENERAL SPECIFICATION

MODEL : TM-882 (America)

ISSUE : 02

DATE : 15 NOV 01

DESCRIPTION	Unit	LIMIT
FEATURE		
Frequency Range:Transmit	MHz	156.025 To 157.425
Frequency Range:Receive	MHz	156.050 To 163.275
Number Of Channels		50 USA Channels 56 INT Channels 10 Weather Channels (With Weather Alert) 10 Memory Channels
Oscillate Mode		PLL
Modulation		FM(16F3)
Channel Spacing	KHz	25
Frequency Stability	PPM	±10
Standard Operation Temperature	°C	-20 To+50
Controls :Volume		Rotary With ON/OFF
:Channel		UP.DOWN Keys
:SQL (8 Stage)		FUNC-UP.DOWN
Feature Keys		FUNC.PTT.CH16 .CALL MW/MEMO.SCAN[L]/DUAL HI/LO/MODE. KLOCK/LAMP
Normal Working Voltage	V	12.0(With 10AAA Ni-Cd Battery)
	V	7.2 (With 6 AAA Ni-Cd Battery)
Low Limit Working Voltage	V	5.5
Battery Lifetime (Tx 5% / Rx 5% / Standby 90%)	Hour	8.8 (7.2V / 700mAH) 7.2 (12V / 700mAH)
Memory Retented		EEPROM
Antenna Socket		SMA
Display		LCD With Background Light
Built-In Speaker		Diamter 36mm / Impedance 8 Ohm
Built-In/ EXT.Speaker MIC Jack		3.5mm Type SP. MIC Jack
Dimension : (with 7.2V Ni-Cd Battery)		60mm(W)×112mm(H)×40mm(D) 2.4in(W)×4.4in(H)×1.6in(D)
(with 12 V Ni-Cd Battery)		60mm(W)×135mm(H)×40mm(D) 2.4in(W)×5.3in(H)×1.6in(D)
Weight : (with 7.2V Ni-Cd Battery)		g(oz)
(with 12V Ni-Cd Battery)		g(oz)
Accessory :		Belt Clip Hand Strap 7.2V Ni-Cd Battery Pack (700mAH) 6×AAA Battery Compartment Rubber Duck Antenna 230V Wall Mount Charger

DESCRIPTION	Unit	LIMIT
RECEIVER		
Receiver System :		Double-Conversion Superheterodyne
Intermediate Frequency : 1st	MHz	21.6
: 2nd	KHz	455
Sensitivity : 12dB SINAD	dBμ	-6 (EMF)
Squelch Sensitivity : Threshold	dBμ	-12 (EMF) Squelch Stage : 01 at CH03 USA
Spurious Respnsse Rejection Ratio	dB	60
Intermodulation Rejection Ratio	dB	60
Adjacent Channel Selectivity	dB	60
Spurious Response 2F - 1st IF	dB	60
IF Rejection 1st/2nd IF	dB	60
1/2 Rejection 1st/2nd IF	dB	60
Modulation Acceptance	KHz	±6.5
S/N at 3KHz Dev.	dB	40
Audio Output Power At THD 10%	mW	200 (Max 250)
Audio Distortion	%	5
Audio Response	dB	+1/-3 From True 6dB De-Emphasis
Current Drain At : Max Audio Power	mA	180
: Stand-By	mA	60
: Power-Saving	mA	30
TRANSMITTER		
RF Power : HI Mode-7.2V Ni-Cd Battery Pack	W	2.0
: HI Mode-12V Ni-Cd Battery Pack	W	5.0
: LO Mode	W	0.6
Modutaion		FM (16F3)
Maximum Deviation	KHz	±5
S/N at 3KHz Dev.	dB	34
Modulation Distortion ±3KHz	%	5
Audio Response ±1KHz	dB	±3dB Form True 6dB Pre-emphasis
Spurious/Harmonic Emissions	dB	-60
Modulation Sensitivity	mV	20
Current Drain At : HI Power-12V Ni-Cd Battery Pack	mA	1400
: HI Power-7.2V Ni-Cd Battery Pack	mA	900
: LO Power 0.6W	mA	600