



TEKCOM HANDHELD VHF MARINE TRANSCEIVER

GENERAL SPECIFICATION

MODEL : TM-882 (America)

ISSUE : 02

DATE : 15 NOV 01

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 Respnse 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