



# FT-806

VHF (INCLUDING A LEVEL A DSC)  
RADIO



## Product Features

- ◉ Includes U.S. Canada, international channels and 10 weather channels.
- ◉ It has dual-frequency and tri-frequency on-duty, and 70 channel (DSC) is continuously on-duty.
- ◉ Support selective call, group call, sea call, all call and other digital selective calls.
- ◉ Distress call, confirmation, rebroadcast call.
- ◉ Ship position request, ship position report.
- ◉ FM (88-108MHz) radio.
- ◉ Automatically record DSC transmitted and incoming messages.



# FT-806

## Technical Specification

|                                                         |                                                                                               |
|---------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| Frequency Range                                         | : Tx: 156.025-157.425 MHz,<br>Rx: 156.025-163.275MHz                                          |
| Modulation                                              | : FM ( 16K0G3E), DSC ( 26KOG2B)                                                               |
| Frequency error                                         | : $\leq \pm 1.5$ KHz                                                                          |
| Operating Voltage                                       | : DC13.8V( $\pm 15\%$ )                                                                       |
| Antenna impedance                                       | : 50 $\Omega$                                                                                 |
| Output impedance                                        | : (Audio)8 $\Omega$                                                                           |
| Input resistance                                        | : (Microphone)2K $\Omega$                                                                     |
| Frequency error                                         | : $\leq \pm 1.5$ KHz                                                                          |
| Carrier power                                           | : 25W/1W                                                                                      |
| Maximum allowable frequency deviation                   | : $\leq \pm 5$ KHz                                                                            |
| Harmonic distortion                                     | : $\leq 10\%$                                                                                 |
| Conducted spurious emissions transmitted to the antenna | : 150 kHz~1 GHz: $\leq 0.25\mu\text{W}$ (-36dBm )<br>1 GHz~2GHz: $\leq 1\mu\text{W}$ (-30dBm) |
| Transmitter residual modulation                         | : $\leq -40\text{dB}$                                                                         |
| Rated audio output power                                | : $\geq 2\text{W}$                                                                            |
| Maximum usable sensitivity                              | : $\leq +6\text{ dB } \mu\text{V(e.m.f)}$                                                     |
| Adjacent channel selectivity                            | : $\geq 70\text{ dB}$                                                                         |
| Spurious response suppression                           | : $\geq 70\text{ dB}$                                                                         |
| Intermodulation response                                | : $\geq 70\text{ dB}$                                                                         |
| Block                                                   | : $\geq +90\text{ dB } \mu\text{V}$                                                           |
| Conducted spurious emissions transmitted to the antenna | : 9 kHz~2 GHz: $\leq 2\text{ nW}$ (-57 dBm)                                                   |
| Receiver noise level                                    | : $\leq -40\text{ dB}$                                                                        |

## Agent Information

**E-Trust Marine Service(Taiwan) Co., Ltd.**

Address : 19F-1, Hai-Bian Road, Ling-Ya Dist., Kaoshiung, Taiwan (80248)

TEL : +866 7 2695523

FAX : +866 7 2695592

<http://www.etrust-marine.com>

Email : [james.etrust@msa.hinet.net](mailto:james.etrust@msa.hinet.net)

**Shishi Feitong Communication Equipment Co., Ltd.**