

# TOUCHCOMM TC2, TC2PLUS TECHNICAL SPECIFICATIONS



## AREA A1/A2 GMDSS COMMUNICATION SYSTEM

Overall dimensions: H 418mm x W 362mm (+ 200mm handset clearance) D 481mm  
Weight: 40kg  
Power requirements: 24 volts + 30%, -10%  
3.2A standby 25A maximum

## CONTROL PANEL

320 x 240 Pixel backlit graphic LCD display with built in touch screen.  
Separate Enter and Distress Relay (with cover) buttons.  
TC2 Plus, includes remote duplicate DSC Control Panel

## MF/ HF TRANSCEIVER

Frequency Coverage

Receive: 500KHz-29.999 MHz

Transmit: 1.6-27.5MHz

Output Power: 100 Watts PEP

Audio Output: 4 Watts

Automatic antenna tuner: Included. Minimum recommended antenna length 6 metres.

## VHF TRANSCEIVER

Channels: 54 International/ US, 16 private. Simplex/ Semi Duplex operation.

Frequency range: 153.9-163.1 MHz

Output Power: 23-25 Watts high power, 1 Watt low power

Facilities: Scanning, Dual Watch, Priority Key

## SPECIFICATIONS:

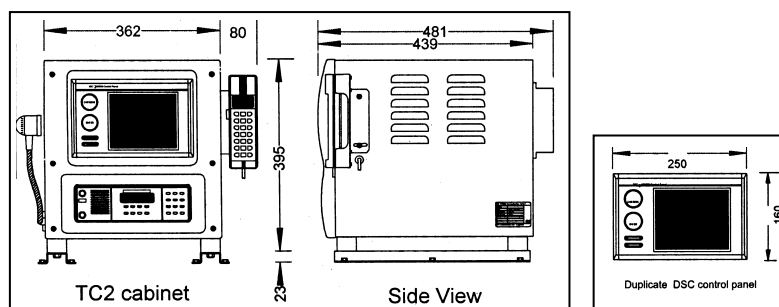
The TC2 meets the requirements of the following international type approval standards:  
ITU-R M.493, ITU-R M.541, ETS 300 338, ETS 300 373, ETS 300 162, EN 60945, IEC945  
Wheelmark – European Marine Equipment Directive.

## PRODUCT CODE:

151.00 TC2  
151.01 TC2 Plus

## OPTIONS:

900.01 A2 Antenna Kit Commercial  
900.03 A2 Antenna Kit Yacht  
500.16 A.C. Mains power unit/battery charger  
960.05 Telephone handset for MF/HF  
900.04 Ground Plate for GRP/ Wooden hull vessels  
051.01 DSC Control panel Flush mounting kit  
051.00 DSC Control panel 'U' bracket surface mounting kit.



Available from:

ICS Electronics has a policy of continuous product improvement and reserves the right to vary in detail from the specifications contained in this brochure.

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# TOUCHCOMM TC2, TC2PLUS

## Compact Area A1/A2/A3 GMDSS Communication System



*ICS Electronics Ltd have a world-wide reputation for the design and manufacture of GMDSS equipment including DSC systems: Supplying coast stations, commercial ships and navies throughout the world.*

*Ease of use is the most prominent feature of our equipment. This is reflected in all aspects of operation.*

*The TOUCHCOMM TC2 is based on ICS's well proven, modular DSC2 system. Existing DSC2 users include the UK Coastguard and the UK Royal Navy.*



The ICS TOUCHCOMM TC2 fully complies with IMO GMDSS requirements and is by far the easiest to use area A2 communications system currently available. It is 'wheelmarked' to show compliance with the European Maritime Equipment Directive.

All elements of the system are contained within an ergonomically designed enclosure which makes installation fast and straight-forward within the smallest of navigation areas.

A major benefit for the operator is ICS's well proven touch screen technology which allows control of both the VHF and MF/HF transceivers via one common, easy to use control panel.

The system is supplied in a rugged steel enclosure mounted on substantial shock absorbers, which makes the TC2 ideal for use in the most demanding of marine environments.

TOUCHCOMM is designed for use within A2 areas by any vessel wishing to comply with IMO requirements. It is also suitable for use in A3\* areas by vessels, which are not required to fully comply with IMO carriage requirements - such as large yachts, fishing vessels and smaller naval vessels.

*Note: \*  
Please specify at time of order if A3 capability is to be enabled.*

The TC2plus includes a second control panel as standard to allow remote control from the conning position, as required by IMO passenger vessel rules and other national requirements.

Service support is simple. Automatic fault monitoring identifies problems at module level and the enclosure design allows easy access for module exchange.

### FEATURES

- ▶ Compact rugged construction
- ▶ Exceptionally easy to use
- ▶ Full DSC message display without scrolling
- ▶ One common user interface for both transceivers
- ▶ Easy to fault find and repair
- ▶ Complies with all current IMO, ITU, ETSI and Maritime Equipment Directive GMDSS rules
- ▶ Remote, duplicate control panel included as standard (TC2plus only)
- ▶ Built in night light

*When lives depend on it choose ICS*