

# NAVnet

## TZ2 touch

## Handling Mapmedia Charts

### 1. Overview

- 1-1 Reading Charts
- 1-2 System ID and Chart Master Setting
- 1-3 Catalog Page
- 1-5 Arranging Unlock Codes
- 1-6 Unlocking Charts

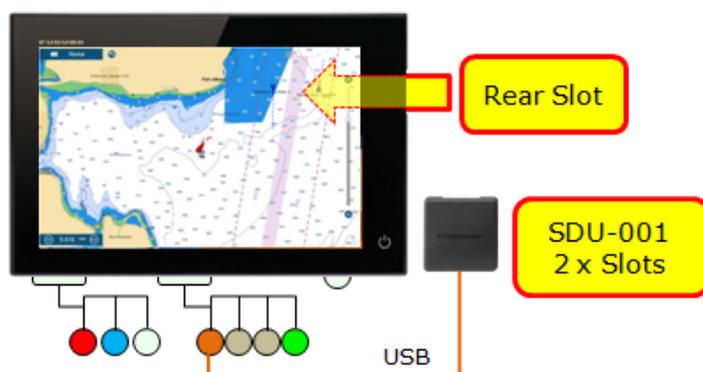
### 2. Chart Ordering and Unlocking Flow

# 1. Overview

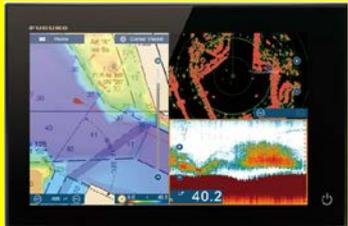
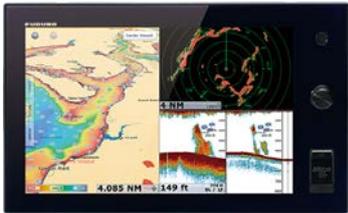
NavNet TZtouch2 models TZTL12F/15F, use Mapmedia charts just like the NavNet TZtouch models, TZT9/14/BB and NavNet 3D series models, MFD8/12/BB. NavNet TZTL12F/15F has the same networking and chart unlocking architecture as the TZT9/14/BB. While the TZTL12F/15F is a master-less network, one (1) TZTL12F/15F unit in the network should be set as the Chart Master to allow the Master System ID to be shared with all other TZTtouch2's. The System ID will be required to obtain a chart unlock code from MapMedia. This document will provide an overview of chart handling, ordering and unlocking.

## 1-1 Reading Charts

The TZTL12F/15F has one (1) microSDXC card slot at the rear side. The optional card reader SDU-001 has two (2) microSDXC slots. The TZTL12F/15F reads charts from microSD/HC/XC inserted into these slots and can also read charts from a USB device when connected to the USB port.



The following table shows the difference of chart storage and slot between NavNet 3D, TZtouch, and TZtouch2.

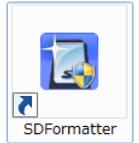
	NavNet TZtouch2 TZTL12F/15F	NavNet TZtouch TZT9/14/BB	NavNet 3D MFD8/12/BB
Model			
Chart Storage	microSD/HC/XC	SD/SDHC/SDXC	Internal HDD
Card Slot for Chart	1 Slot (rear) 2 Slots (SDU-001, option)	2 Slots (front)	Not Available

### Note:

- (1) microSD/HC/XC cards can be purchased local supply.
- (2) When multiple TZTL12F/15F units are networked ensure that a microSD/HC/XC card is inserted into each unit.

## IMPORTANT NOTICE

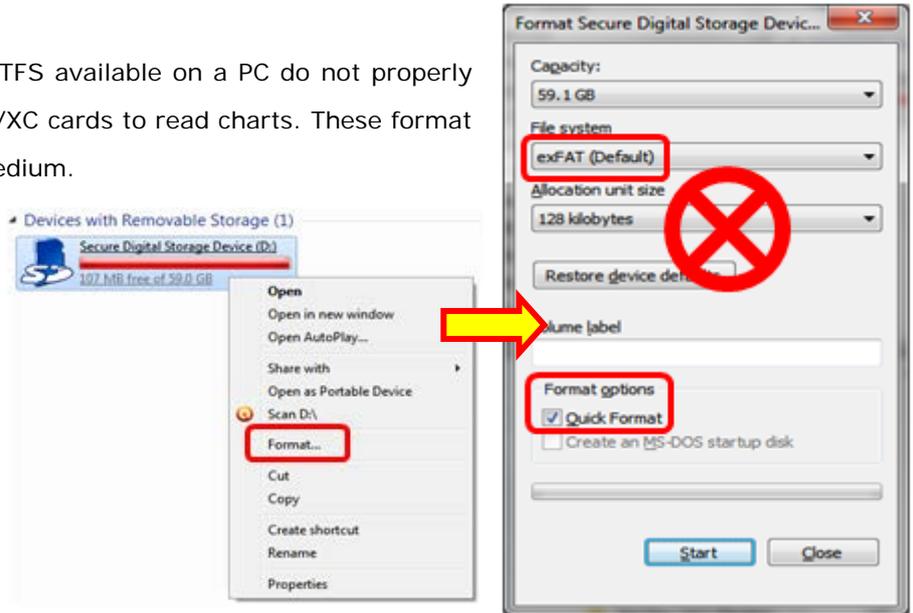
Before copying charts, format the SD/SDHC/SDXC and microSD/HC/XC cards using the dedicated **SD Formatter**. Currently, version **4.0** is the latest as of December 2015. Click the link <[https://www.sdcard.org/downloads/formatter\\_4/](https://www.sdcard.org/downloads/formatter_4/)> or search the latest SD Formatter on the web.



### Note:

Quick format options, such as exFAT and NTFS available on a PC do not properly format an SD/SDHC/SDXC and microSD/HC/XC cards to read charts. These format options just delete the content inside the medium.

Ensure to use the SD Formatter in order to properly format the cards.



## 1-2 System ID and Chart Master Setting

Chart unlock codes can be issued based on System IDs. The TZTL12F/15F has a unique System ID just like the TZT9/14/BB and MFD8/12/BB. To share one System ID and unlock codes in the network one of the TZTL12F/15F units must be set to **Chart Master**: Access [Settings] – [Initial Setup] – [**Chart Master Device**] and set to [**ON**] (Default [**OFF**]).



By default, the Chart Master setting is off. Once one of the units in the network is set to Chart Master the Chart Master setting menu of the other units will be deactivated as shown at left.

The System ID can be checked in [Settings] – [Initial Setup] – [**Initial Setup**] or on the **Catalog** page.

## 1-3 Catalog Page

The Catalog page will show chart details: Access [Home] – [Catalog].



No	Item	Descriptions
1	System ID	Tapping this icon will show the System ID information.
2	Insert Code	Tapping this icon will open a virtual keyboard to manually enter an unlock code. (See <b>Section 1-6</b> )
3	Chart File	Available chart files on microSD/HC/XC cards are listed.
4	Status – <b>Unlocked</b>	Unlocked charts will show the unlocked icon.
5	Status – <b>Included</b>	Files not requiring unlock codes will show the check [✓] icon.
6	Status – <b>Locked</b>	Locked charts will show the locked icon.
7	Delete	Tapping this icon will delete the chart files on the microSD/HC/XC.

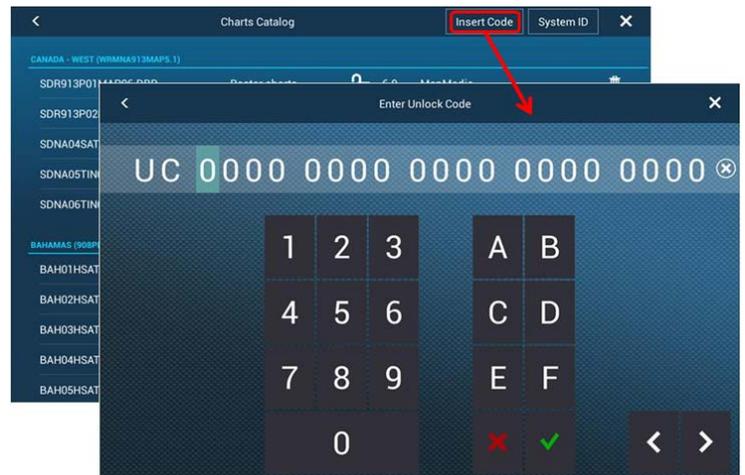
## 1-6 Unlocking Charts

Once an unlock code is issued the chart can be unlocked automatically or manually. There are three (3) ways to unlock charts and the procedures are similar to those of the TZT9/14/BB. When multiple units are networked, just unlock the chart in one of the units. **The same chart in the other unit(s) will be automatically unlocked.**

### (1) Unlocking Manually

After the unlock code is issued, access the **Catalog** page and tap [**Insert Code**]. The screen will show a virtual keyboard where you can enter the unlock code.

The entered unlock code will be shared in the network so that the same chart in the other unit(s) will be automatically unlocked as well.



#### Note:

You do not have to select a chart to unlock. If the chart you want to unlock is already available on the microSD/HC/XC card just entering the unlock code will unlock the chart.

Manually entered chart unlock codes will be erased if a master reset is performed. Entering chart unlock codes using a UC Pool file (following two methods) will prevent this.

### (2) Unlocking via SD Card with UC Pool File

When an unlock code is issued a UC Pool file containing the unlock code information is also generated like the TZT9/14/BB and MFD8/12/BB. If a chart card with the UC Pool file is inserted to the TZTL12F/15F, the unlock code will be shared in the network and the chart will be automatically unlocked on all the units in the network.



### (3) Unlocking via Internet

When the TZTL12F/15F is connected to the Internet the UC Pool file will be downloaded from the server to the TZTL12F/15F and shared in the network. The chart will be automatically unlocked in all the units in the network.

#### Note:

Chart files **CANNOT** be downloaded via the Internet. Prepare a microSD/HC/XC with chart files before unlocking charts through the Internet.

## 2. Chart Ordering and Unlocking Flow

The following table describes the chart ordering and unlocking flow of NavNet 3D and NavNet TZtouch/2. While the NavNet TZtouch and NavNet TZtouch2 have the same flow, the boxes in yellow represent the difference from NavNet 3D.

