

MFD EX5000 Entegra 8.2 Upgrade Cheat Sheet

Physical Card Removal Method

(It can be done by SW as well)

Est. Time to complete: 2 hours 1 person

Items/tools required

PC Laptop (not Mac)	3x USB drv (2GB or Less) Formatted to FAT
3/16" Flat head screwdriver	Small PH2 screwdriver
¼dr socket set or nut driver set	SW Card and Seal

Prep before the aircraft arrives

- ☐ Go to the dealer portal and [download](#) the Aviutility.exe file (Not the .txt) file put this one USB 1
- ☐ Then go to JDM and download the NAV/OBS/Terrain databases on to USB 2
- ☐ [Create the CMAX key code](#) (you need the MFD sn and Jepp SN to do this) enter the CMAX code to JDM, BEFORE you download the charts data on to USB 3

On Aircraft

- ☐ Turn on the MFD take a picture of the data blocks on each page
- ☐ Take notes/pics of the declutter pages and configurations
- ☐ Go to Aux Page press Left LSK 1 and 3 and hold until Maintenance screen appears
- ☐ Take a picture of each configuration page
- ☐ Power down the aircraft and remove the MFD unit.
- ☐ Take a picture of the TSO label
- ☐ On the right side of the unit remove the cover plate and swap the card.
- ☐ Install the cover plate (don't install the seal yet)
- ☐ Hang test the unit and power it on go through the configuration steps. (have your pics of the original data blocks and configurations available)
 - ☐ BE SURE YOU INPUT THE CORRECT MFD SN OR YOUR CHARTS WILL NOT WORK
- ☐ Once it powers on and you confirm/configure the software load then you can install the label and reinstall the unit.
- ☐ Load the databases
- ☐ Reconfigure the data blocks and declutter pages
- ☐ Logbook entry
- ☐ Update [myavidyne](#) on the customer portal
- ☐ Remind the operator how to load charts(CMAX) and give them the correct usb drive if they don't have it.
- ☐ Verify all functions are working if installed
 - ☐ SIU
 - ☐ TAS
 - ☐ TAWS
 - ☐ Charts
 - ☐ ADS-B traffic

Troubleshooting Notes

- If you try to install the database and it will not load the database utility it's almost guaranteed that the USB drive is too large or it has the incorrect format.
- If you get the message in yellow "This MFD is not authorized to have electronic charts" there are really only 2 reasons in your control.
 - a. Check the CMAX Code key has the correct Serial number for the Jepp SW and the MFD
 - b. Verify the SN in the SW by going to Maint→ System Info → System info If not you have to run the configuration utility again to set the correct serial number

Best point of contact for help is TechSupport, at 888-723-7592 choose Entegra Support option.
You can also email us at Techsupport@Avidyne.com