

Tech Note: Resetting a MobileMapper Pro with a “Code 32”

As with PCs, the CPU in the MobileMapper Pro receiver can sometimes experience “technical difficulties” that require a reboot. Symptoms include:

- The receiver shuts off without the PWR button being pressed
- The PWR button will not shut the receiver off
- The screen goes dark abruptly
- The software moves from one screen to another without any button being pressed

You can solve almost all of these problems by performing a “Code 32” on the receiver. In fact, many customers perform a Code 32 before every job. It is also standard operating procedure before uploading any firmware update into the MobileMapper Pro receiver. To reset your receiver using a Code 32, follow these steps:

1. Remove the batteries and then the SD card. Insert batteries that you know have a charge - but do not re-insert the SD card.
2. Depress the NAV button and simultaneously hold down the PWR button until you see a small box containing two zeroes appears on the screen. If you do not see this box but instead the receiver turns on normally, you likely did not hold down the NAV button long enough or with sufficient force.
3. Press the up arrow key to increment the zero in the one's place to a "2."
4. Press the left arrow to move to the ten's place and increment the zero to a "3."
5. With "32" displayed in the box, press the ENTER button.
6. A screen appears asking if you want to clear all memory. Press ENTER to accept. The receiver will shut off normally. No data files, maps or features libraries will be deleted.
7. Turn the MobileMapper back on, select the language you wish to use and reinitialize the receiver to your location, making sure that the time and date are correct.
8. Turn the receiver off, re-insert the SD card and turn it back on.
9. Reformat the card by pressing MENU>Card Utilities>Format. This will erase the contents of the card, so if you have created your own features libraries, you should upload them back to the card using MobileMapper Office's Feature Library Editor.
10. Unless you are satisfied with the factory defaults, select a Baud rate and the navigation screens you wish to use. When you next record a line or area feature, you may want to reset the recording interval. For the best accuracy, you should record all line and area features with a one-second recording intervals.