

## CatDisplay making a menu driven rig easier to understand..

The Yaesu FT-857 & FT-897 transceiver suit all types of operators. Accordingly, the transceivers are full of options, many of which are only accessible by entering their menu system. While some operators are ok with this, many find it the menu system daunting. This can lead to missed settings and less than perfect operation in many instances.

CatDisplay tries to make these transceivers easier to use by displaying as much 'relevant' information on one screen as possible. As you change modulation mode, the CatDisplay updates with key information relevant to the selected mode. Select LSB and you can see if the Microphone DSP is turned on; if VOX is on and its delay; microphone and processing levels. Select CW and you are instantly shown delay, speed, pitch, tone QSK & weight settings. In receive only modes, the bottom line transmit indicators are not displayed, because you cant transmit in these modes. Digital modes also show settings you'd expect to see for those modes.

## The CatDisplay Screen



## Yes, there are some quirks..

Yaesu engineers only intended users to have very limited computer control over these transceivers. With persistence and amateur radio ingenuity, a back door was soon found and this is what CatDisplay exploits to deliver a more meaningful user experience. However there are limitations to be aware of:

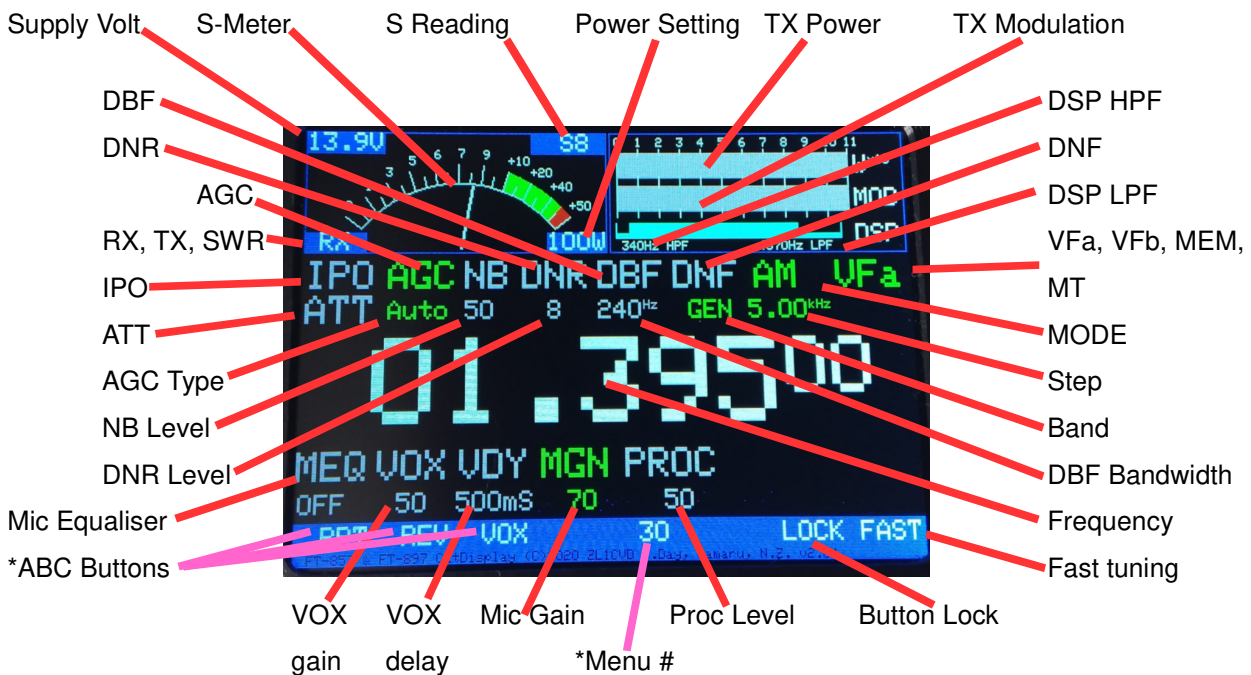
- **MOST IMPORTANT – transceiver must be set to VFa or VFb.**  
Only with the VFO set to A or B will CatDisplay show correct information..  
If in any memory mode, incorrect information may be displayed on CatDisplay.
- To prevent damage to the transceiver's EEPROM, CatDisplay only reads data from the transceiver. So you cannot use it to control the transceiver.
- Yaesu also designed the program it uses to control the transceiver to limit writing to the transceivers EEPROM. Some items like selected memory or menu number are not changed as you change them on the transceiver. They are only updated when you push the power button to turn the transceiver off. Other things only change when the mode or band is changed. so if you make a change on the transceiver and it doesn't instantly show up on CatDisplay, chances are its the way Yaesu updates the EEPROM and not a fault with CatDisplay.

## SSB Modulation



\* Due to the way the firmware works, ABC Buttons & Menu # are only correct when rig first turned on. Others only update when mode or band is changed. This is how the Yaesu program works and is not a fault with CatDisplay.

## AM Modulation



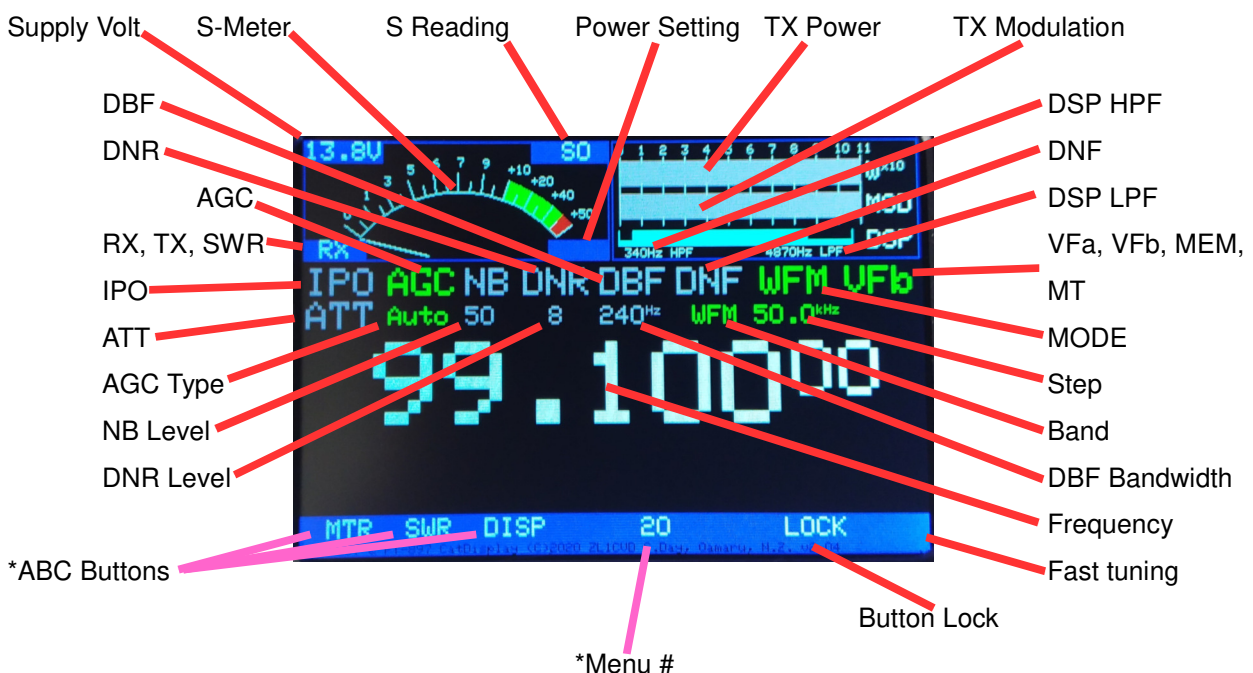
\* Due to the way the firmware works, ABC Buttons & Menu # are only correct when rig first turned on. Others only update when mode or band is changed. This is how the Yaesu program works and is not a fault with CatDisplay.

## AM Modulation – RX only Air Band



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## WFM Modulation - RX only Broadcast Band



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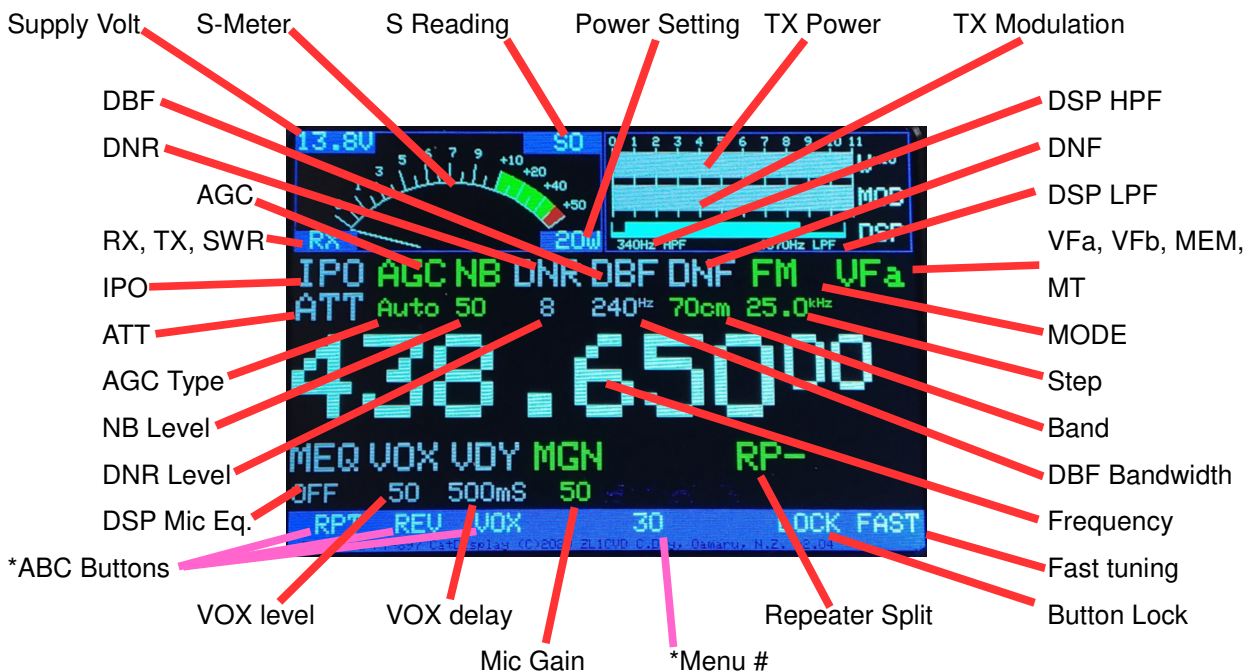


## CW Modulation



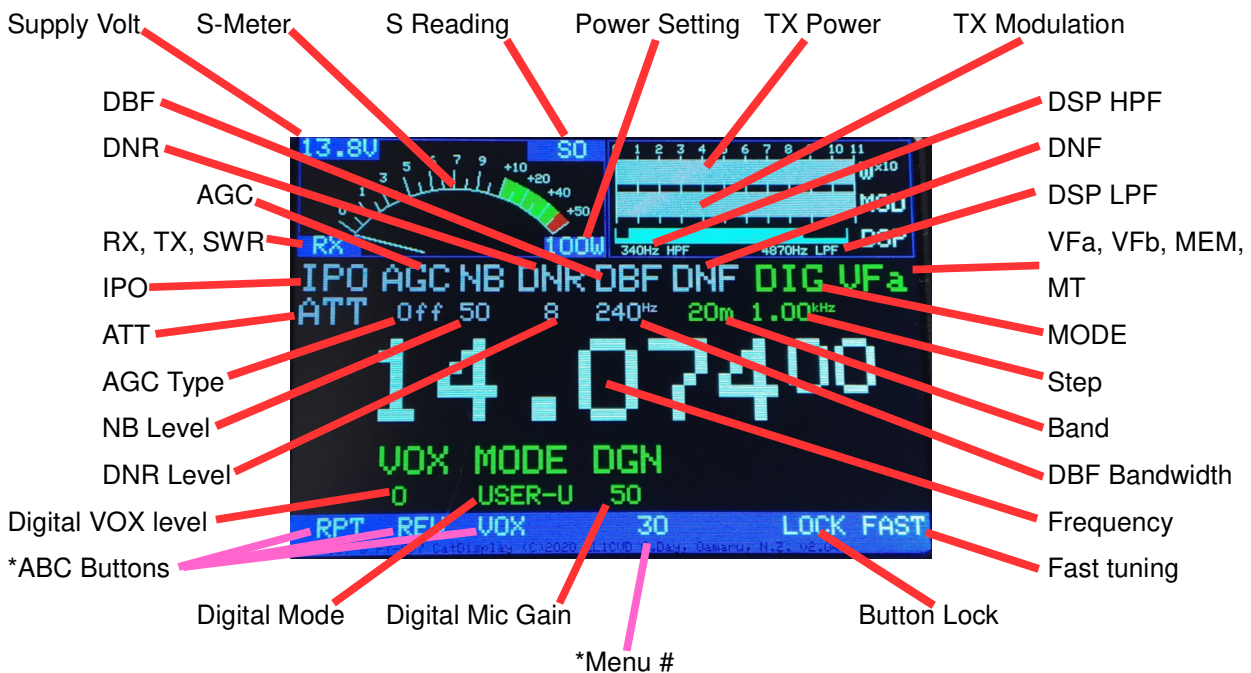
*\* Due to the way the firmware works, ABC Buttons & Menu # are only correct when rig first turned on. Others only update when mode or band is changed. This is how the Yaesu program works and is not a fault with CatDisplay.*

## FM Modulation



*\* Due to the way the firmware works, ABC Buttons & Menu # are only correct when rig first turned on. Others only update when mode or band is changed. This is how the Yaesu program works and is not a fault with CatDisplay.*

# DIGITAL Modulation



*\* Due to the way the firmware works, ABC Buttons & Menu # are only correct when rig first turned on. Others only update when mode or band is changed. This is how the Yaesu program works and is not a fault with CatDisplay.*

## PACKET Modulation



*\* Due to the way the firmware works, ABC Buttons & Menu # are only correct when rig first turned on. Others only update when mode or band is changed. This is how the Yaesu program works and is not a fault with CatDisplay.*