

RE: New Additional Features - Important FTM-400D / FT1D Firmware Update

Dear *Valued* Yaesu Customers;

Yaesu's *System Fusion* has been spreading around the world at a tremendous rate as the global Amateur Radio community becomes increasing aware of its ability to provide total integration and compatibility of both digital and conventional FM communications. Yaesu has now released the major firmware updates for our Dual-Band/ Dual-Mode FTM-400DR/E Mobile and FT 1DR/E Handheld Transceivers, which brings more flexibility in *System Fusion* operation.

AMS function now breaks down into the following operating modes that are *fully selectable by the radio user*:

- **AUTO**: The both RX/ TX mode is automatically selected from one of the four operating modes (DN, VW, DW and FM) to match the characteristics of the received signal. This is the current AMS operation.
- **TX MANUAL**: The both RX/ TX mode is automatically selected from four operating modes to match the characteristics of the received signal. And if desired to change the TX mode, by pressing the Microphone PTT switch momentarily, the TX mode switch between DN and FM modes.
- **TX FM FIXED**: The RX mode is automatically selected from one of the four operating modes, but the TX mode is fixed to FM.
- **TX DN FIXED**: The RX mode is automatically selected from one of the four operating modes, but the TX mode is fixed to the 'DN' (Digital Voice Narrow) mode.
- **TX VW FIXED**: The RX mode is automatically selected from one of the four operating modes, but the TX mode is fixed to the 'VW' (Digital Voice Wide) mode.

All AMS operating modes automatically match the received signal on RX which is hassle-free operation as ever. We believe that the new **TX Manual** is most flexible for many of Amateur Radio operators on any occasions since you can continue to transmit the signal corresponding to the received signal without operating manually as ever, while easily switching between digital DN (Digital Voice Narrow) and FM modes in transmit just by pressing the PTT button quickly.

The new **TX FM FIXED**, **TX DN FIXED**, and **TX VW FIXED** will be also helpful modes for operators who desire to fix the transmitting signal.

As one more functional feature of *System Fusion*, we have added "Standby Beep" feature to our FTM-400DR/E and FT 1DR/E; a courtesy beep is sounded after the end of the other stations transmission when communicating in a digital mode. This new feature must be useful for operators to easily recognize a drop signal of other stations.

All above features are currently available by updating the firmware version to MAIN Ver2.04 for FT1D/ MAIN Ver1.8 for FTM-400D. Please visit www.yaesu.com for any further details. We always thank you for your continuing patronage to Yaesu.