Adjusting the Fusion Clock

Information on adjusting the time-of-day clocks in Fusion radios

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Thanks to Dewey, WB7OEV, for providing this information!

Yaesu Fusion Radios have a clock built in. These radios are the FT1DR, the FT2DR, the FTM-100, the FTM-400 and the FT-991. These Radios can update the time from either its internal clock or the GPS receiver.

Unfortunately these radio do not automatically adjust for Daylight Saving time - they have to be manually adjusted.

Daylight Savings Time (DST) Adjustment

How to adjust for DST

FT1DR Clock Adjustment
1. Press the DISP key to enter the Menu (Press for over a Sec).
2. Goto Menu Item 9 (APRS), Press ENT.
3. Goto Menu Item 28 (TIME ZONE) , Press ENT.
4. Dial the correct UTC time zone in. e .g. Pacific Daylight Savings Time Zone is 7. (See offset table below)
5. Press PTT to return to the main display, Wait a few minute for the GPS to update to the correct time[1].
6. Press and Hold the A/B key to change to Single Band Operation to see the updated time. Press and Hold the A/B key to return to Dual Band Operation.

FT2DR Clock Adjustment
1. Press the DISP key to enter the Menu (Press for over a Sec).
2. Touch the (APRS) icon.
3. Goto Menu Item 28 and touch the (TIME ZONE) button.
4. Dial the correct UTC time zone in. e .g. Pacific Daylight Savings Time Zone is 7. (See offset table below)
5. Press PTT to return to the main display, Wait a few minute for the GPS to update to the correct time[2]. The time is displayed in the upper left hand corner of the screen. Hopefully it will display Daylight Savings Time.

FTM-100 Clock Adjustment
1. Press and hold the DISP/SETUP key for over a second, to enter the Setup Menu.
2. Rotate the DIAL to select item 8 (CONFIG), then press the DISP/SETUP key to enter the CONFIG Menu.

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[1] GPS must be turned on.
[2] GPS must be turned on.

3. Rotate the DIAL to select 4 (TIME ZONE) , then press the DISP/SETUP key to enter the TIME ZONE menu.
4. Rotate the DIAL to select the time zone. e.g Pacific Daylight Saving Time is 7. (See offset table below)
5. Press and hold the DISP/SETUP key for over a second to return to the previously viewed screen. Note: it will take a few minutes for the time to change to DST.

FTM-400 Clock Adjustment

1. Press DISP/SETUP for over a second to enter the setup menu.
2. Touch (CONFIG).
3. Select and touch 3 (TIME ZONE) , The characters of the current value will turn orange indicating that it is ready to be updated,
4. Rotate the DIAL to select the time Zone. e.g Pacific Daylight Saving Time is 7. (See offset table below)
5. Touch 3 (TIME ZONE) , the characters will turn green accepting the entry.
6. Press DISP/SETUP key for over a second to return to previously displayed screen.

FT-991 Clock Adjustment

1. Press and hold the MENU(SETUP) button.
2. Touch the (TIME/DATE)
3. Touch the [DST] button, a D appears on the right side of the time.
4. Press the MENU (SETUP) to return to the operation display.

UTC Offsets for the U.S.

Time Zone	STD Offset	DST Offset
American Samoa	-11	-10
Hawaii	-10	-9
Alaska	-9	-8
Pacific	-8	-7
Mountain	-7	-6
Central	-6	-5
Eastern	-5	-4
Atlantic	-4	-3

When the radio's clock suddenly changes

Here's probably what happened. You had set the time using the manual settings. The ability to automatically set the time using GPS was enabled. A GPS signal was acquired and BINGO. The time was automatically set based on the GPS's UTC and the time zone offset.

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