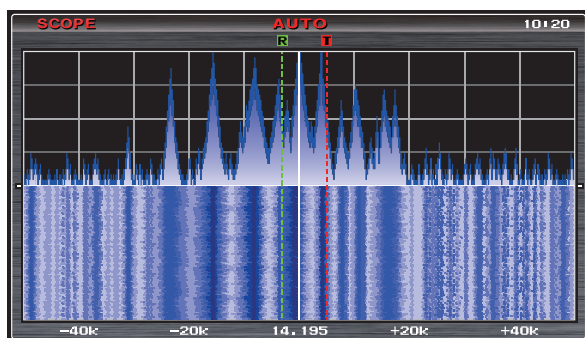


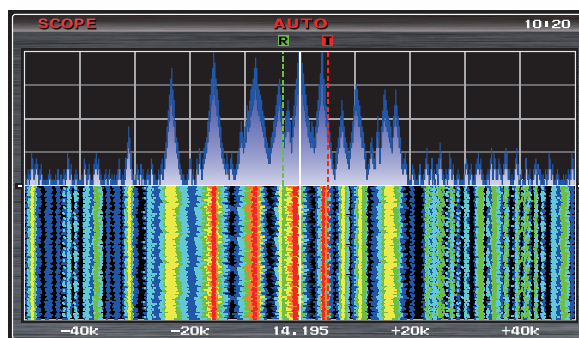
FTDX1200/FTDX3000 SCOPE Feature Enhancement

An additional “Waterfall Display Mode” is provided that displays color differentiation between strong and weak signals.

This firmware update provides SCOPE feature Waterfall Display settings that will present the strong and weak signals in varying colors.



normal waterfall display



added multi color waterfall display

Refer to the following instructions, to select the Multi-Color Water Fall Display for the **Spectrum Scope**, and the **Audio Scope**:

Note: To enable the AF-FFT display on the FTDX1200, requires the optional FFT-1 (FFT Unit).

To set the **Spectrum Scope** to the Multi Color Water Fall Display:

1. Press the [MENU] key to enter the Menu mode.
2. Rotate the [VFO-B/CLAR] knob to select Menu item “124 SCOPE MODE”.
3. Press the [SELECT] key.
4. Rotate the [VFO-B/CLAR] knob to select “CENTER-WF2” (to set the **Spectrum Scope** to the CENTER mode multicolor Waterfall Display); or select “FIX-WF2” (to set the **Spectrum Scope** to the FIX mode multicolor Waterfall Display).
5. Press the [SELECT] key.
6. Press the [MENU] key.

To set the **Audio Scope** to the Multi Color Water Fall Display:

1. Press the [MENU] key to enter the Menu mode.
2. Rotate the [VFO-B/CLAR] knob to select Menu item “185 FFT DISPLAY MODE”.
3. Press the [SELECT] key.
4. Rotate the [VFO-B/CLAR] knob to select “WATERFALL2” (to show the **Audio Scope** signal on the multicolor Waterfall Display); or select “SPECTRUM-WF2” (to show the **Audio Scope** on the spectrum, and the multicolor Waterfall Display).
5. Press the [SELECT] key.
6. Press the [MENU] key.

Item	Function
CENTER-WF2	Spectrum Scope (CENTER mode) display and the multicolor Water Fall display.
FIX-WF2	Spectrum Scope (FIX mode) display and the multicolor Water Fall display.
WATER FALL2	Audio Scope Monitor shows the audio signal on the multicolor Water Fall display.
SPECTRUM-WF2	Audio Scope Monitor shows the audio signal on the Spectrum and the multicolor Water Fall display.

By adding the multicolor setting on Menu item 117 and 185, the descriptions in the Operating Manual are changed as follows:

124 SCOPE MODE

Function: Selects the operation mode of the Band Scope Monitor.

Available Values: CENTER / CENTER-WF / CENTER-WF2 / FIX / FIX-WF / FIX-WF2

Default Setting: CENTER

Description: Select the type of display when the scope feature is active.

- CENTER:** Spectrum Scope (CENTER mode) display.
- CENTER-WF:** Spectrum Scope (CENTER mode) display and the Water Fall display.
- CENTER-WF2:** Spectrum Scope (CENTER mode) display and the multicolor Water Fall display.
- FIX:** Spectrum Scope (FIX mode) display.
- FIX-WF:** Spectrum Scope (FIX mode) display and the Water Fall display.
- FIX-WF2:** Spectrum Scope (FIX mode) display and the multicolor Water Fall display.

185 FFT DISPLAY MODE

Function: Selects the operation mode of the Audio Scope Monitor.

Available Values: SPECTRUM / WATER FALL / WATER FALL2 / SPECTRUM-WF / SPECTRUM-WF2

Default Setting: SPECTRUM

Description: Select the type of display when the scope feature is active.

- SPECTRUM:** The Audio Scope Monitor shows the audio signal on the Spectrum display.
- WATER FALL:** The Audio Scope Monitor shows the audio signal on the Water Fall display.
- WATER FALL2:** The Audio Scope Monitor shows the audio signal on the multicolor Water Fall display.
- SPECTRUM-WF:** The Audio Scope Monitor shows the audio signal on the Spectrum and the Water Fall display.
- SPECTRUM-WF2:** The Audio Scope Monitor shows the audio signal on the Spectrum and the multicolor Water Fall display.