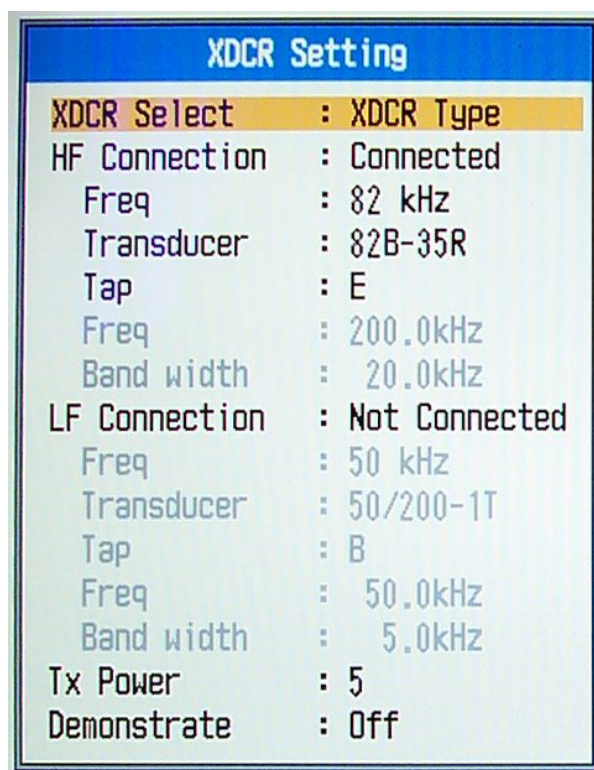


## Using the CA82B-35R transducer with the FCV295 or 1150.

The CA82B-35R is a two wire, 2Kw rubber coated transducer with a selectable frequency range from 65-110 KHz. Both the FCV-295 and 1150 can be programmed to alternate frequencies on either channel. This ability allows the end user to display two different frequencies from one transducer.

First you will need to program the sounder for the CA82B-35R. To access the **XDCR Setting** page, press and hold the ENT key while turning the sounder on. While both channels are capable of programmed you only need to do one. In this example I am only showing the HF channel. Select **"XDCR Type"** and then set the **FREQ** for 82 KHz. **NOTE: Even though this transducer is capable for frequencies from 65-110 the 82B-35R will only appear as a transducer option when 82 KHz is selected.**



XDCR Setting	
XDCR Select	: XDCR Type
HF Connection	: Connected
Freq	: 82 kHz
Transducer	: 82B-35R
Tap	: E
Freq	: 200.0kHz
Band width	: 20.0kHz
LF Connection	: Not Connected
Freq	: 50 kHz
Transducer	: 50/200-1T
Tap	: B
Freq	: 50.0kHz
Band width	: 5.0kHz
Tx Power	: 5
Demonstrate	: Off

After the transducer is programmed turn the sounder off and back on. Be sure to change the Tap Setting.

Next you will need to access **FREQ CONTROL** to preset the frequencies you want to use.

In step 3, use the up or down arrows to highlight the frequency you are going to set and press enter. In step 4, you need to tell the sounder where the transducer is connected; in this case it is the HF terminal. When done press enter

In step 5, you use the left or right arrows to adjust frequency. When done press enter.

Repeat steps 3-5 for all four frequencies.

**Step 1**

Menu	Sounder
Sounder	Pic. Advance : 1/1
TxRx	Zoom Mode : Bottom Lock
Display	Free Shift : Off
Alarm	Auto Shift : Off
Data	Interference : Auto
► System	Freq Choice
	<b>Freq Control</b>
	Color Erase : 0%
	Clutter
	Gain Area : All
	White Line : 0%
	White Line Color
	White Marker
	TVG
	STC
	Smoothing : On
	Bottom Zone
	Bottom Search : Auto
	Echo Stretch : Off

**Step 2**

Freq Control

82.0kHz(HF Terminal)

80.5kHz(HF Terminal)

81.0kHz(HF Terminal)

83.5kHz(HF Terminal)

66.0kHz — 82.0kHz — 109.0kHz

**Step 3**

Freq Control

82.0kHz(HF Terminal)

80.5kHz(HF Terminal)

81.0kHz(HF Terminal)

83.5kHz(HF Terminal)

66.0kHz — 82.0kHz — 109.0kHz

**Step 4**

HF Terminal

LF Terminal

**Step 5**

Freq Control

68.0kHz(HF Terminal)

82.0kHz(HF Terminal)

88.0kHz(HF Terminal)

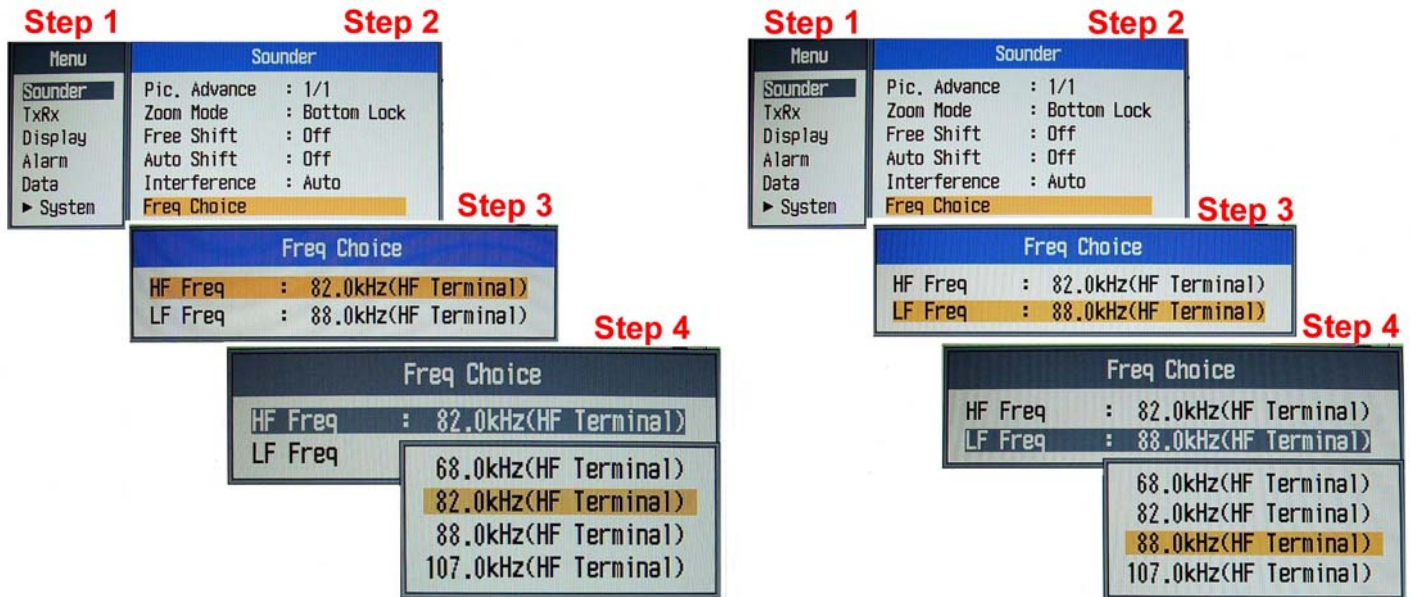
107.0kHz(HF Terminal)

66.0kHz — 68.0kHz — 82.0kHz — 109.0kHz

Next you will need to access the **FREQ CHOICE** menu.

Highlight either the HF or LF Freq and press enter.

Next use the up or down arrow to select the frequency you would like to use. Press enter when done.



After both frequencies are set press the MENU-ESC key and programming is complete.