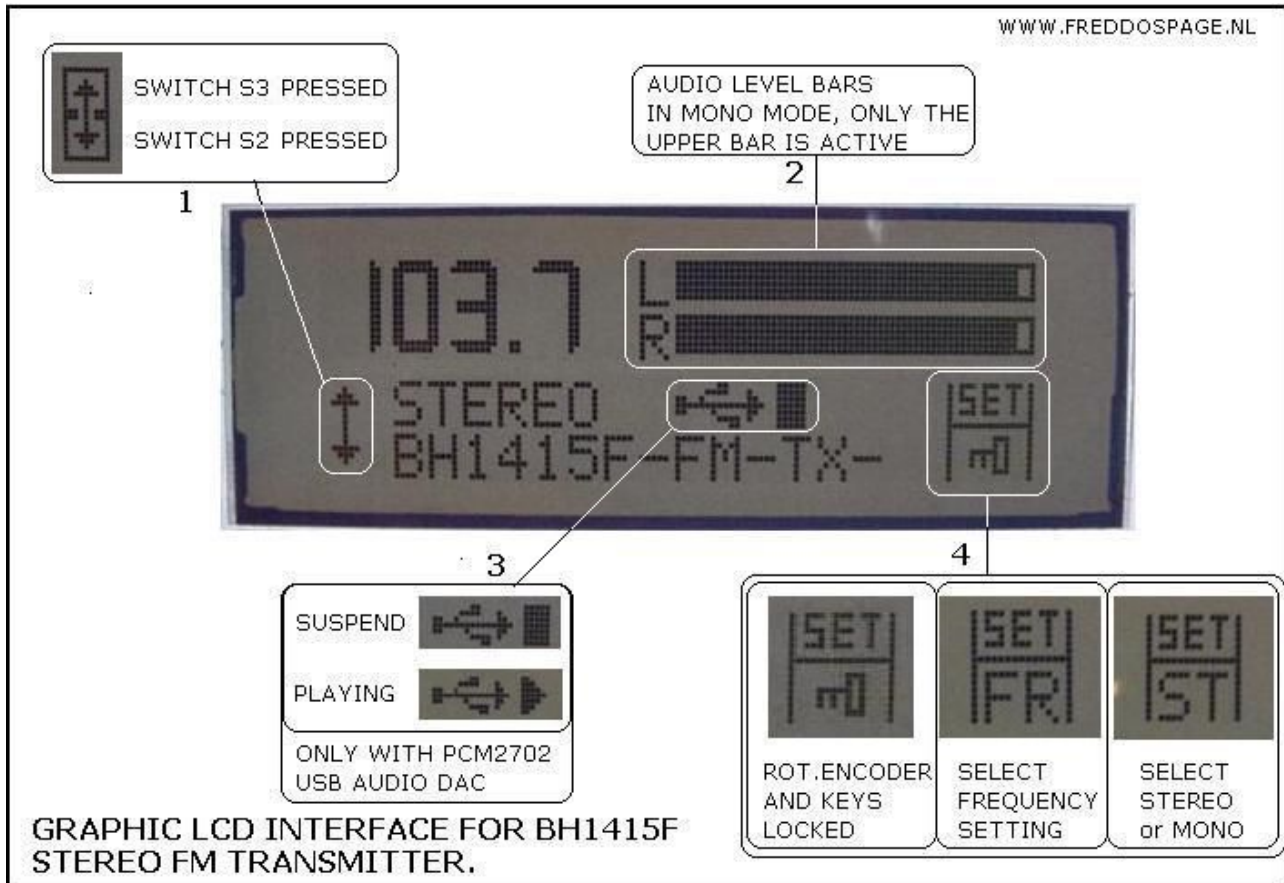


Graphic LCD interface for BH1415F stereo FM transmitter.

Uses PIC16F876A & SED1520 LCD.
87.5 - 108.0 MHz, steps 100 kHz
Stereo or Mono with graphic VU bars.
USB play / suspend symbol when using a PCM2702 audio D.A.C.



1 & 4

Press S3 for 2 seconds, [FR] turns on in the [SET] symbol.
Turning the rotary encoder, changes the frequency in 100 kHz steps.
While turning, press S3 and the steps are 1 MHz. (From 89.5 - 106 MHz)
Pressing the encoder switch or S2 and S3 at the same time, saves frequency and the [KEY] turns on in the [SET] symbol.

Press S2 for 2 seconds, [ST] turns on in the [SET] symbol.
Turning the rotary encoder, changes stereo - mono.
Pressing the encoder switch or S2 and S3 at the same time, saves stereo - mono and the [KEY] turns on in the [SET] symbol.

2

Audio input bargraphs.

If in mono mode, only the upper bargraph (left audio) is active.

A opamp based audio rectifier provides the signal for the PIC16F876A analogue inputs.

3

When a Burr Brown PCM2702 is used for audio input, the USB symbol appears with the play or stop (suspend) symbol.
