

Updating the JSD-100 from Code Package 5 to Code Package 120510

Almost all configuration of the JSD-100 is saved through a firmware update. However, due to added features, some configuration data does not transfer from code package five (PIC version 100810) to code package 120510 (PIC version 120501). The output trim settings and the surround delay do not survive the update. You can use one of the three procedures below to restore these settings.

1. Use GUI.

1a. Before the firmware update, connect the GUI delivered with the latest code package to the JSD-100. The GUI will read all the current settings.

1b. Save these settings to a file using the GUI.

1c. Do the firmware update.

1d. Connect the GUI to the JSD-100.

1e. Load the previously saved configuration file. This will write the configuration back out to the JSD-100.

1f. Press the Flash Save Settings button on the GUI to save the settings to non-volatile memory.

2. Save to SD Card

1a. Before the update, save the current configuration to the SD card using the SD Card Backup button on the GUI.

1b. After the firmware update, power up the JSD-100 while holding buttons 9 and 10 (AUX and MIC) for 30 seconds after power is applied. You should see messages on the display showing the loading of the configuration data.

3. Use a script to read and restore the data. This procedure is generally used when a network operations center is updating units in the field.

PRIOR TO UPDATE, READ THE OUTPUT TRIM VALUES USING THESE COMMANDS

```
jsd100.sys.output_trim  l  
l -100
```

```
jsd100.sys.output_trim  c  
c -200
```

```
jsd100.sys.output_trim  r  
r -300
```

```
jsd100.sys.output_trim  sw  
sw -400
```

```
jsd100.sys.output_trim  ls  
ls -500
```

```
jsd100.sys.output_trim  rs  
rs -600
```

```
jsd100.sys.output_trim  bsl  
bsl -700
```

```
jsd100.sys.output_trim  bsr  
bsr -800
```

BEFORE THE UPDATE, READ THE SURROUND DELAY

```
jsd100.sys.surround_delay  
1234
```

AFTER THE UPDATE, WRITE THE OUTPUT TRIM VALUES PREVIOUSLY READ BACK TO THE UNIT

```
jsd100.sys.output_trim  l -100  
l -100
```

```
jsd100.sys.output_trim  c -200  
c -200
```

```
jsd100.sys.output_trim  r -300  
r -300
```

jsd100.sys.output_trim sw -400
sw -400

jsd100.sys.output_trim ls -500
ls -500

jsd100.sys.output_trim rs -600
rs -600

jsd100.sys.output_trim bsl -700
bsl -700

jsd100.sys.output_trim bsr -800
bsr -800

AFTER THE UPDATE, WRITE THE SURROUND DELAY

jsd100.sys.surround_delay 1234

SAVE THE NEW SETTINGS TO FLASH

jsd100.sys.save_settings
0