PDS New Features – April, 2013

1. A black or gray background can now be selected individually on program (Pgm) and preview (Pvw). In addition, a Logo image can now be selected as program background.

   Image on gray background:

Input video aspect ratio is 4:3, output aspect ratio is 16:9.

Pretty **D**arn **S**imple

PDS New Features – April, 2013

<u>Image on Logo background (grid):</u>

```
USER PREFERENCE
    Auto Input Save                Off
>   Pgm Background                 Logo
    Pvw Background                 Black
```


Input video aspect ratio is 4:3, output aspect ratio is 16:9.

Pretty **D**arn **S**imple
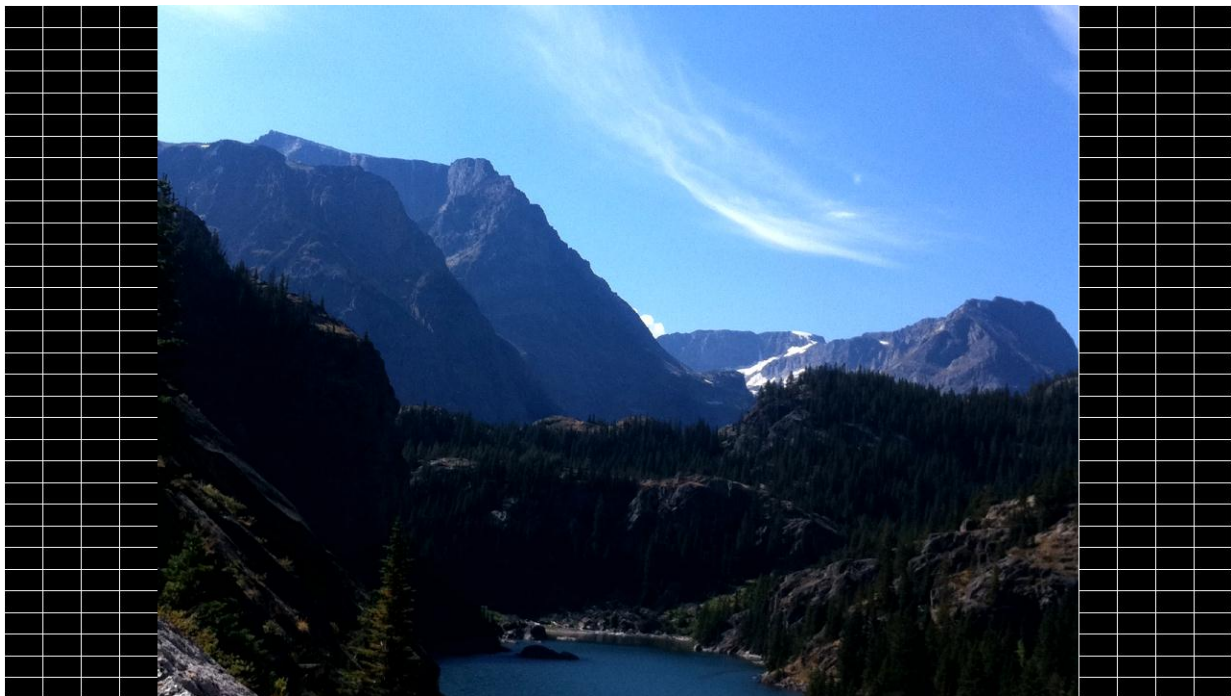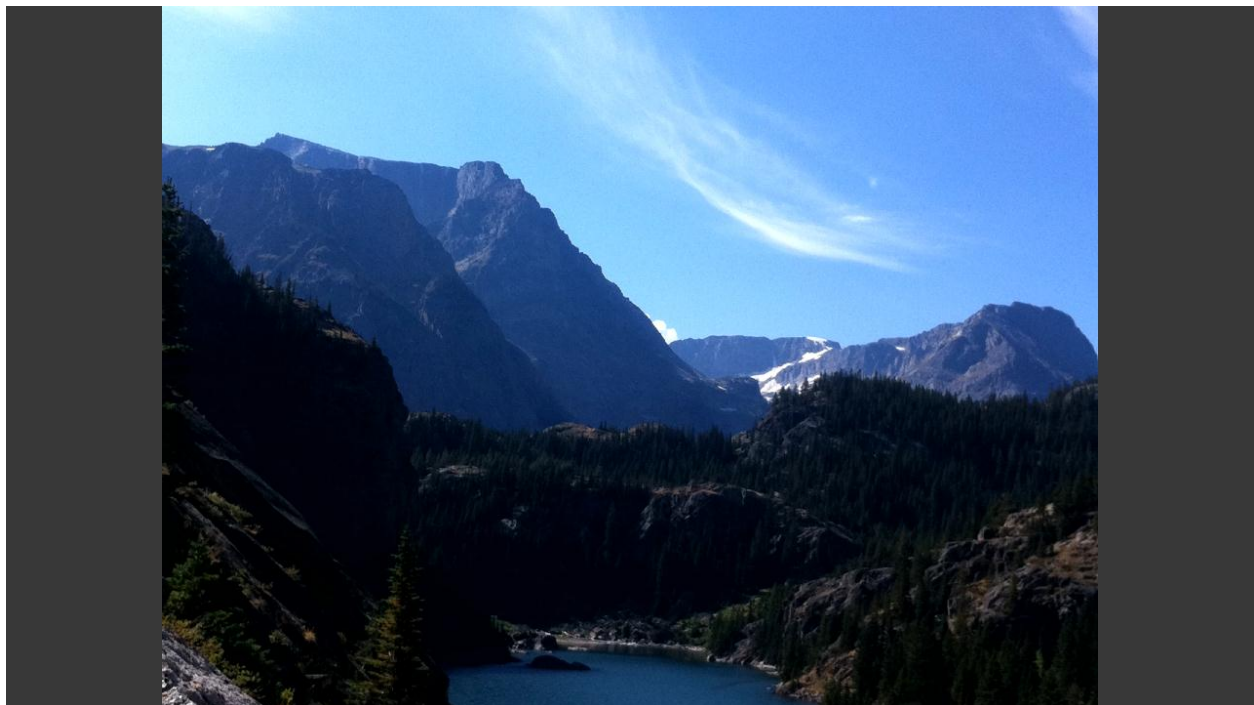
PDS New Features – April, 2013

2. Input Sizing Adjust - Fill modes: Native, Zoom, Stretch
   The Native, Zoom or Stretch user selection can be saved on an input by input basis.

   <u>Native</u>:

   This is the default. The input image will be displayed at its' original resolution. In the example below a 4:3 input image is displayed on a 16:9 output.

Input video aspect ratio is 4:3, output aspect ratio is 16:9.

Pretty **D**arn **S**imple

Zoom:

The input fills the output display such that the original aspect ratio is maintained and no background (gray, black or Logo) "bars" are present. In this mode, horizontal or vertical edges of the input video content may be lost. In the example below, data is lost on the vertical edges (top and bottom). Input aspect ratio is 4:3 and output aspect ratio is 16:9.

```
SIZING ADJUST
> Input Fill                    Zoom
  H Size                      [1024]
  V Size                       [576]
```


Input aspect ratio is 4:3 and output aspect ratio is 16:9.

Pretty **D**arn **S**imple

PDS New Features – April, 2013

Stretch:

The image will be stretched to fill the screen. The original aspect ratio (AR) might not be maintained. In the example below, the input image is horizontally stretched (squares are now rectangles). Input aspect ratio is 4:3 and output aspect ratio is 16:9.

```
SIZING ADJUST
>  Input Fill           Stretch
   H Size               [1024]
   V Size                [768]
```


Input aspect ratio is 4:3 and output aspect ratio is 16:9.

Pretty Darn Simple

3. H/V Size Adjustment

   When selected, the original input aspect ratio is maintained throughout the adjustment.

   ```
   SIZING ADJUST
     H Size                    1200
   > H/V Size
     H Pos                      [0]
   ```

4. HDCP
   The HDCP menu, shown below, lets you set HDCP capability for inputs and outputs, or read the HDCP status of selected inputs and outputs.

   Output HDCP On/Off:

   The HDCP setting is either On or Off. You can set this capability for the DVI inputs and outputs:

   ```
   HDCP
     In 8(DVI-I)              Off
   > Out Pgm(DVI-I)           Off
     Out Pvw(DVI-I)           Off
   ```

   Input HDCP Status:

   The Input Status option indicates whether protected content is being read by each of the HDCP-capable inputs.

Pretty **D**arn **S**imple

```
HDCP
   Out Pvw(DVI-I)                Off
>  Input Status                   >>
   Output Status                  >>
```

```
IN HDCP STATUS
   In 5(DVI-I)                   n/a
   In 6(DVI-I)                    OK
   In 7(DVI-I)                   n/a
```

OK - means that a signal has been detected and HDCP protected content was detected.
n/a - means that either there is no signal detected, or HDCP protected content was not detected.

Output HDCP Status:

The Output Status lists the status for each of the HDCP-capable outputs.

```
HDCP
   Out Pvw(DVI-I)                Off
   Input Status                   >>
>  Output Status                  >>
```

```
Out HDCP STATUS
   Out Pgm(DVI-I)                 OK
   Out Pvw(DVI-I)                n/a
```

OK - means that a device is conencted and HDCP authentication was successful.
n/a - means that either there is no device connected, or HDCP authentication has failed.

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PDS New Features – April, 2013

5. Executive Mode enable/disable –

    In addition to accessing the Executive mode from the System menu a user can now toggle Executive mode on and off using a key press combination;


```
SYSTEM
  Input EDID                        >>
  DVI Cable Equal                   >>
> Executive Mode
```


Just hold ESC + Input 1.


```
Executive Mode
   Enabled
```

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PDS New Features – April, 2013

6. PDS Supported as AUX from Encore and ScreenPRO II controllers –

PDS units with revision 2.00 software and above can now be connected to the Encore Controller with revision 2.33 software and above via Ethernet for use as AUX Destinations. Like ImagePRO or ImagePRO-II connected as an AUX, the concept here is to connect outputs from one or more routers to the PDS so that any available source used in the Encore system can be displayed on a given monitor.

On PDS, leave Auto Acquire ON (the default operation after a Factory Reset) as Input files saved on Encore VPs or ScreenPRO-II units will NOT be copied to PDS.

Note that only one each of Analog (HD-15), SDI and DVI inputs on the PDS can be accessed by the Encore or ScreenPRO-II Controller when configured as an AUX destination.

Refer to the PDS Users Guide (P/N: 26-1204000-00), Appendix B for more information on how to setup the PDS to connect to the Encore or ScreenPRO-II Controller.

http://www.barco.com/en/products-solutions/image-processing/presentation-switchers/easy-to-use-digital-switchers.aspx?tab=downloads

7. Analog Computer and Video Source Color Space Detection –

When the PDS detects 720p or 1080p resolutions on its analog inputs, the connection type (either 5-wire RGBHV or 3-wire YUV) will be determined and the color space for the input will be correct.

Pretty **D**arn **S**imple