

ColorExpress IT Gelstrings

ColorExpress IT gelstrings have InfoTrace capability. Every gelstring is embedded with an RFID (radio frequency identification) tag, which relays information to the sensors on Coloram IT and CXI IT. The tag contains individual frame information as well as a unique job number, which allows for easy reordering.

Log into Wybron's website (www.wybron.com), using your email address as your login, and all of your information is immediately available. Every gelstring ordered in the past can be viewed, as well as gelstrings grouped by project.

There are four sections in the ColorExpress IT web page:

Gels

This section gives you in depth information about all gel colors available from any manufacturer. Beyond just name, manufacturer and number, you can get chromaticity and transmission graphs.

Click colors in the palette to view detailed information about them.
Click on the transmission graph for a larger view.

G315 - Autumn Glory

X : 43.913 Y : 27.347 Z : 2.5423 Inside Nexera's Gamut

x : 0.595 y : 0.3705 Cyan: 0, Magenta: 176, Yellow: 248

Transmission: 37.0 % x: 0.5061 y: 0.287

Lookup by description:

GAM

G101 G103 G104 G105 G105X G106 G107 G108 G109 G110 G120 G130 G135 G140 G150 G1505 G1510 G1514 G1515 G1516 G1517 G1518 G152 G154 G155

G180 G170 G180 G190 G195 G220 G235 G245 G250 G270 G280 G290 G305 G310 G315 G320 G323 G324 G325 G327 G328 G330 G335 G338 G340

G341 G343 G345 G350 G355 G360 G363 G364 G365 G370 G375 G380 G382 G385 G388 G390 G395 G410 G420 G430 G433 G435 G440 G450 G455

Figure 15

If the gel is within the range reproducible by Wybron's NexeraLX dichroic color mixing fixture, the DMX values (0 – 255) are displayed for the Cyan, Magenta and Yellow dichroics. If Nexera cannot exactly match a gel color, a suggested combination of DMX values will be displayed.

G315 - Autumn Glory

X : 43.913 Y : 27.347 Z : 2.5423 Inside Nexera's Gamut

x : 0.595 y : 0.3705 Cyan: 0, Magenta: 176, Yellow: 248

Transmission: 37.0 % x: 0.5061 y: 0.287

Lookup by description:

Figure 16

Click on the transmission graph to enlarge the graph.

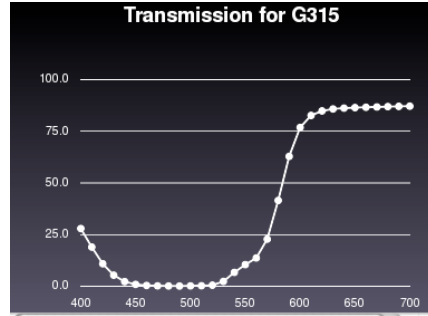


Figure 17

Clicking on "Similar Colors" displays gels similar to the selected G315.



Figure 18

Clicking on "CIE Complement" displays gels that are the complement or opposite of G315.



Figure 19

To release the display of “Similar Colors” or “CIE Complement”, click on any gel color displayed on the screen.

Colors can also be searched by name (“purple” or “congo”), gel number, and brand.

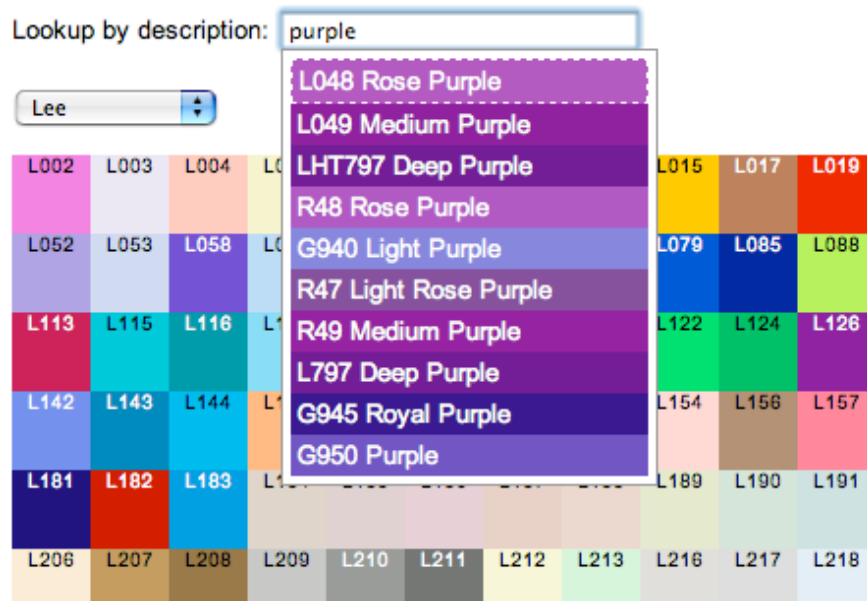


Figure 20

Gelstrings

This is where you build new gelstrings, as well as view all the past gelstrings that you have created on ColorExpress IT. When new gelstrings are created, you assign them a name (“Finale” for example). This makes it easy to locate favorite gelstrings from past shows.

A simple double-click on any gel color in the palette makes it easy to create new gelstrings. Rearrange gels in your gelstring by dragging and dropping them in any order desired (Safari and Firefox only).

String Description:

Lookup by description: Number of Frames: 16

R00	R01	R02	R03	R04	R05	R06	R07	R08	R09	R10	R100	R101	R102	R103	R104	R11	R111	R112	R113	R114	R115	R116	R117	R118
R119	R12	R120	R121	R122	R124	R125	R126	R127	R13	R132	R14	R15	R16	R160	R162	R163	R17	R18	R19	R20	R2002	R2003	R2004	R2007
R2008	R2009	R21	R22	R23	R24	R25	R26	R27	R30	R304	R305	R31	R310	R312	R316	R317	R318	R32	R3202	R3203	R3204	R3206	R3208	R321
R3216	R3220	R33	R3304	R3308	R3313	R3314	R3315	R3316	R3317	R3318	R332	R333	R336	R337	R339	R34	R3405	R3406	R3407	R3408	R3409	R3410	R3411	R342
R343	R344	R3441	R3442	R3443	R3444	R346	R349	R35	R351	R355	R356	R357	R358	R359	R36	R360	R362	R363	R364	R365	R367	R37	R370	R376
R378	R38	R382	R383	R385	R386	R388	R389	R39	R395	R397	R40	R41	R42	R4215	R4230	R4260	R4290	R43	R4315	R4330	R4360	R4390	R44	R4415
R4430	R4460	R4490	R45	R4515	R4530	R4560	R4590	R46	R4615	R4630	R4660	R4690	R47	R4715	R4730	R4760	R4790	R48	R4815	R4830	R4860	R4890	R49	R4915

Figure 21

To delete a gel from the gelstring, double click on the selected color in the gelstring.

Previous gelstrings that you have created are also stored on the Gelstring page.

Gelstrings for Guest

Finale

Created on September 26, 2006



[Cheat Sheet](#)
[Delete](#)
[Clone](#)
[Modify](#)

Pipe Ends

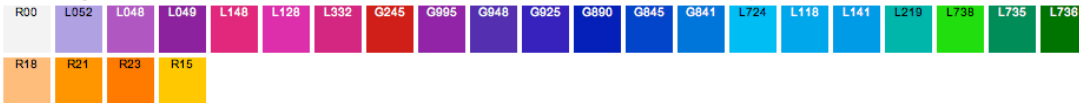
Created on September 26, 2006



[Cheat Sheet](#)
[Delete](#)
[Clone](#)
[Modify](#)

Back Diagonals

Created on September 26, 2006



[Cheat Sheet](#)
[Delete](#)
[Clone](#)
[Modify](#)

[Return to main](#) [New gelstring](#)

Figure 22

By clicking on "Cheat Sheet" on the far right hand side of the screen, you can also print out color coded cheat sheets showing frame number, gel name, gel number, and DMX value.



4830 List Drive
Colorado Springs Colorado 80919

TEL 719 548 9774
FAX 719 548 0432
info@wybron.com
www.wybron.com

Gelstring name: Finale

Percent	Color	Frame
0 %	R04 - Medium Bastard Amber	1
14 %	R127 - Amber Cyc Silk	2
28 %	R19 - Fire	3
42 %	R332 - Cherry Rose	4
56 %	R339 - Broadway Pink	5
70 %	R349 - Fisher Fuchsia	6
84 %	R46 - Magenta	7
98 %	R49 - Medium Purple	8

Figure 23

The selections on the Gelstring screen allow you to do the following:

- Cheat Sheet Prints out a color coded cheat sheet of the selected gelstring
- Delete Deletes the selected gelstring
- Clone Copies the selected gelstring as a new gelstring, ready for edits
- Modify Allows the user to edit the selected gelstring
- Return to Main Return to the Main Page of ColorExpress IT
- New Gelstring Create a new gelstring

Sets of CXI gelstrings (Gelstrings 1 and 2) may also be ordered online at ColorExpress IT. Please see the “Order” section below for details.

Projects

Create a Project

Projects are an easy way to associate certain gelstrings with their use. Click on “Create New Project” to start a new project file:



Figure 24

This opens a new screen ready to accept project and gelstring information.

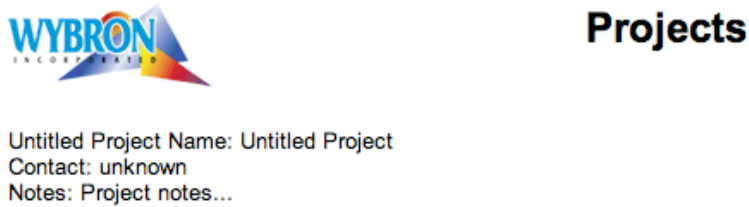


Figure 25

Double click on “Untitled Project” to the right of colon to edit the Project Name field. Enter the project name in the dialogue box provided and click “OK”.

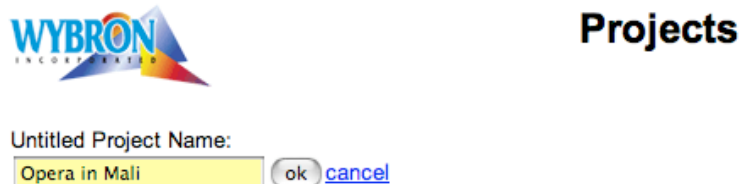


Figure 26

Under Contact, double click on “Unknown” to fill in that field, and similarly for the Notes line, double click on “Project Notes” to add any additional information.

Multiple gelstrings on Project

A project can involve multiple gelstrings. When a new project is created, add existing gelstrings or build new ones to associate with that project. Then choose a scroller size. For example, the “Back Diagonals” gelstring will be used on 7 inch Coloram II’s. All of this information is saved in the “Opera in Mali” project.



Projects

Untitled Project Name: Opera in Mali
Contact: Jane Q. Smith
Notes:

Load in October 12

Name: Back Diagonals															Device: Coloram II 7"			Price: \$0.00 ea.		Qty: 24		Amount: \$0.00			
R00	L052	L048	L049	L148	L128	L332	G245	G995	G948	G925	G890	G845	G841	L724	L118	L141	L219	L738	L735	Download Cheat Sheet					
L736	R18	R21	R23	R15															Email Cheat Sheet						
																				Modify					
																				Delete					
Name: Pipe Ends															Device: Coloram II 10"			Price: \$0.00 ea.		Qty: 12		Amount: \$0.00			
L020	L022	L135	L164																	Download Cheat Sheet					
																				Email Cheat Sheet					
																				Modify					
																				Delete					
																		Grand Total: \$0.00							

Line added successfully.

[Add existing gelstring to project](#) [Add new gelstring to project](#) [Back to Project list](#)

Figure 27

The functions on this show specific (“Opera in Mali”) Projects page include:

Download Cheat Sheet

Creates a PDF file of the selected gelstring cheat sheet (see the color coded Cheat Sheet example earlier in this section).

Email Cheat Sheet

E-mail a cheat sheet version of the selected gelstring to one or more e-mail addresses.

Modify

Modify the selected gelstring in terms of:

Gelstring	Replace the selected gelstring with another existing gelstring
Device	Change the type of scroller associated with the selected gelstring
Quantity	Change the number of gelstrings to order

Add existing gelstring to project

Using the Gelstring pull down menu, allows the user to select from any existing gelstrings.

Add new gelstring to project

Takes the user back to the Gelstrings page, where once a new gelstring is created and saved, it is automatically added to the open Projects page.

Back to project list

Returns to the list of all projects.

Ordering

Returning to the project list displays all projects created by the user.



The screenshot shows the ColorExpress IT Home page. In the top right corner, it says "Logged in as Guest" with links for "Logout" and "Manage your account". Below this is a table with the following columns: "Project Name", "Contact", "Contact's Phone", and a set of action links. The table contains two rows of data.

Project Name	Contact	Contact's Phone	
Untitled Project	unknown		Detail Delete Order project Email project for ordering
Opera in Mali	Jane Q. Smith		Detail Delete Order project Email project for ordering

Below the table is a link: [Create New Project](#)

Figure 28

The functions available on this page include:

Detail

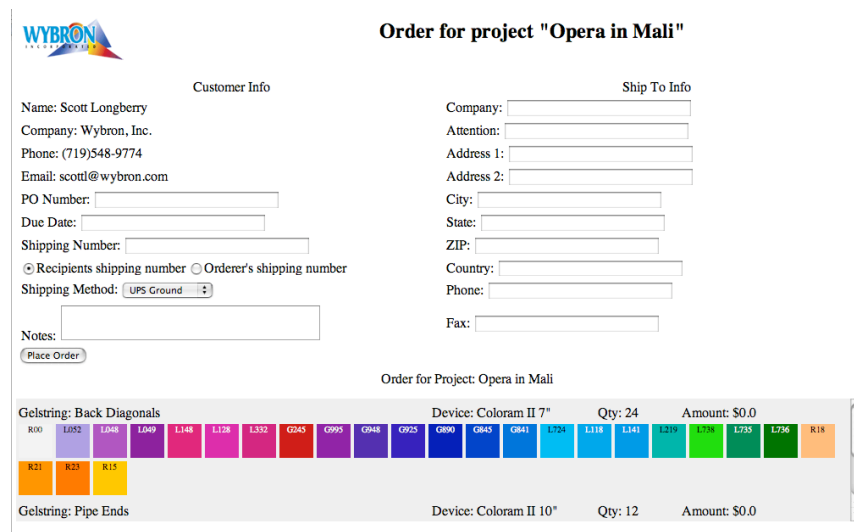
Returns user to Projects page for the specific show selected (see *Figure 22*).

Delete

Deletes the selected project.

Order Project

Displays the order page, along with the gelstring details at the bottom of the screen. Additional gelstrings that are part of the project can be viewed by using the scroll bar at the bottom right corner of the screen.



The screenshot shows the "Order for project 'Opera in Mali'" page. It is divided into two main sections: "Customer Info" and "Ship To Info".

Customer Info:

- Name: Scott Longberry
- Company: Wybron, Inc.
- Phone: (719)548-9774
- Email: scottl@wybron.com
- PO Number:
- Due Date:
- Shipping Number:
- Recipients shipping number Orderer's shipping number
- Shipping Method:
- Notes:
-

Ship To Info:

- Company:
- Attention:
- Address 1:
- Address 2:
- City:
- State:
- ZIP:
- Country:
- Phone:
- Fax:

Order for Project: Opera in Mali

Gelstring: Back Diagonals

Device: Coloram II 7"	Qty: 24	Amount: \$0.0																				
R00	L052	L065	L069	L148	L138	L332	G245	G995	G948	G925	G890	G845	G841	L124	L118	L141	L319	L051	L735	L736	R18	
R21	R23	R15																				

Gelstring: Pipe Ends

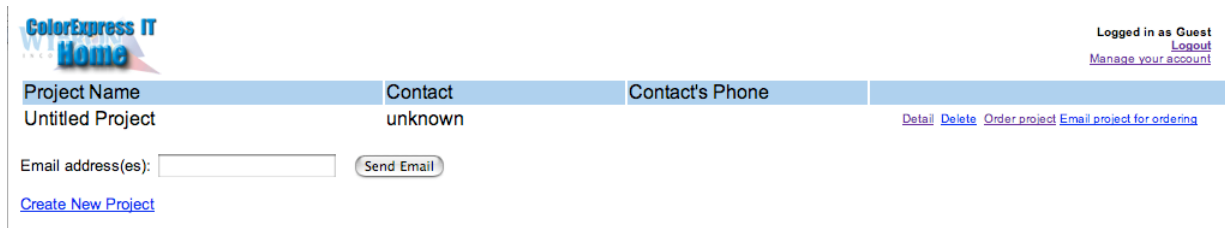
Device: Coloram II 10" Qty: 12 Amount: \$0.0

Figure 29

Fill in the requisite information and click "Place Order" to complete the transaction.

E-Mail Project for Ordering

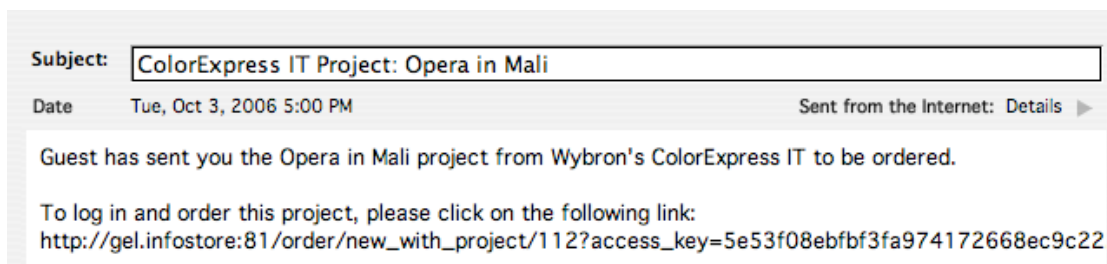
For users who need to get approval to place a gelstring order, click on “Email project for ordering” to display the window below.



The screenshot shows a web interface for 'ColorExpress IT Home'. In the top right corner, it says 'Logged in as Guest' with links for 'Logout' and 'Manage your account'. Below this is a table with three columns: 'Project Name', 'Contact', and 'Contact's Phone'. The first row contains 'Untitled Project' and 'unknown'. To the right of the table are links for 'Detail', 'Delete', 'Order project', and 'Email project for ordering'. Below the table is an 'Email address(es):' input field with a 'Send Email' button. At the bottom left, there is a link for 'Create New Project'.

Figure 30

Fill in the requisite e-mail address and click “Send Email” to send the following message. In the example below, the user is signed in as “Guest”.



The screenshot shows an email message with the following content:

Subject: ColorExpress IT Project: Opera in Mali

Date: Tue, Oct 3, 2006 5:00 PM

Sent from the Internet: Details ▶

Guest has sent you the Opera in Mali project from Wybron's ColorExpress IT to be ordered.

To log in and order this project, please click on the following link:
http://gel.infostore:81/order/new_with_project/112?access_key=5e53f08ebfbf3fa974172668ec9c22

Figure 31

Orders

This is where you can view all your past gelstring orders.

Modify Your Account

Click on “Modify Your Account”, which appears at the top right corner of each screen once you have sign in. Edit information as needed.

ColorExpress IT Home

Logged in as **Guest**
[Logout](#)
[Manage your account](#)

Account Management for guest@wybron.com

New Password (6-12 characters)
(required only if you want to change your password, otherwise leave this blank)

Confirm new password

[Modify](#)

The following information is required to place online orders for gelstrings.

Name:	Guest
Company Name:	Wybron
Address Line 1:	4830 List Drive
Address Line 2:	Click to edit...
City:	Colorado Springs
State:	CO
ZIP:	80919
Country:	USA
Phone:	719 548-9774
Fax:	Click to edit...

Figure 32