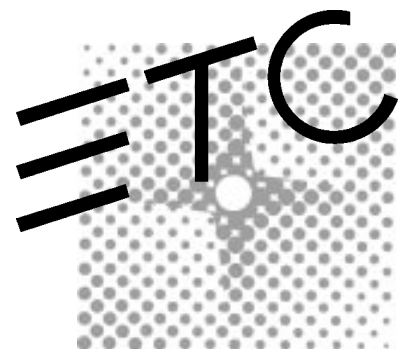


expression
Off-Line

QuickGuide



expression **Off-Line**

QuickGuide

Version 2.0

Contents

Introduction	3
System requirements	3
Installing the Win32s extensions.	4
Installing Off-Line	4
Installing the Adobe Acrobat Reader for Windows	5
Installing the User Manual	5
Reading the User Manual	5
Running Off-Line	6
Configuring Off-Line	6
Off-Line controls	7
Expression Off-Line keyboard chart	8

Introduction

Expression Off-Line is an innovative software package that allows you to use your IBM PC or PC-compatible personal computer to simulate the operation of an ETC Expression 2 line or Express line lighting control console. With Expression Off-Line, you can create and edit your show on the PC, then save it to a diskette. Once you get to the theater, you can load the show on your console and run it.

Expression Off-Line's menus, operator prompts and help screens are identical to those on the Expression 2 line and Express line consoles. Nearly all of the features are available in Off-Line, using exactly the same keystroke sequences as in the console itself. Expression Off-Line allows you to program effects, multipart cues, linked sequences, etc., and to simulate cue playback on two fader pairs.

With Expression Off-Line you can copy a show and use it as a template for a new show, eliminating unnecessary and time consuming reprogramming. In addition, Expression Off-Line allows you to create printouts of all show information from your desktop computer. You can also read and write show diskettes and save a library of shows on your PC's hard drive.

Note: This QuickGuide assumes that you are familiar with Windows. If you have questions regarding Windows, please refer to your user manuals, or contact Microsoft.

For more information about Expression Off-Line, contact your local dealer or call ETC at 800/688-4116.

System requirements

The ETC Expression Off-Line package consists of nine diskettes. They include an Expression Off-Line diskette, an Express Off-Line diskette, two Win32s extensions diskettes, the *Expression 2x User Manual*, the *Insight 2x User Manual*, the *Express User Manual*, and two Adobe Acrobat Reader for Windows diskettes. The *Expression Off-Line QuickGuide* file (EOLGUIDE.PDF) is located on the Express Off-Line diskette. If any of these items are missing, or if you need additional copies, please call ETC at 800/688-4116.

Expression Off-Line has the following minimum hardware and operating system requirements:

- 386 Processor (486 or higher recommended)
- DOS 5.0 or newer
- Microsoft Windows 3.1 or Microsoft Windows for Workgroups 3.11 or newer
- 8 MB ram
- 5 MB available hard drive space
- color monitor (1,024 x 768 x 256 recommended)
- 3.5 inch floppy drive
- mouse

If you have only 8 MB of ram and use some of it for other programs such as smartdrv you will probably need to create a swapfile for Windows. See your Windows documentation for more details.

Installing the Win32s extensions

The Win32s extensions must be installed in systems running Windows 3.1. Systems running Windows 95 or Windows NT do not require the Win32s extensions. To install the extensions, follow these steps:

1. Insert the disk labeled *Win32s disk 1*.
2. Close all other applications.
3. Go into the Program Manager and select RUN from the File menu.
4. Type **a:\setup** for the command line.
5. Click on OK or press [Enter].
6. Follow the onscreen prompts.

This will also install the game FreeCell. You can use FreeCell to test the Win32s extensions installation. If FreeCell does not run, Expression Off-Line will not run.

Installing Off-Line from diskette

1. If you wish to install Expression Off-Line or Insight Off-Line, insert the disk labeled *Expression Off-Line*. If you wish to install Express Off-Line, insert the disk labeled *Express Off-Line*.
2. Close all other applications.
3. Go into the Program Manager and select RUN from the File menu.
4. Type **a:\setupeol** to install from the *Expression Off-Line* disk or **a:\setupxol** to install from the *Express Off-Line* disk.
5. Click on OK or press [Enter].
6. Follow the onscreen prompts.

You should see icons for Expression Off-Line, Insight Off-Line or Express Off-Line in a new directory (normally c:\ETC\EOL). The icons for all three programs are the same.

Installing the Adobe Acrobat Reader for Windows

The Acrobat Reader allows you to read or print the QuickGuide or the user manual. To install the Adobe Acrobat Reader for Windows, follow these steps:

1. Insert the first Adobe Acrobat Reader for Windows disk.
2. Go into the Program Manager and select RUN from the File menu.
3. Type **a:\setup**.
4. Click on OK or press [Enter]. Follow the installer's instructions, pressing [Enter] as necessary.

Installing the User Manual

Expression Off-Line comes with three user manuals on disks, the *Expression 2x User Manual*, the *Insight 2x User Manual* and the *Express User Manual*. The manuals are electronic versions of the manuals that ship with Expression 2 line and Express consoles. If you already have one of these manuals, you do not need to install the disk versions. Since Expression Off-Line precisely simulates the consoles' interface, information in the manuals about console operation also applies to Off-Line

If you do not have a manual, install the appropriate manual for the console for which you are creating shows. Use the *Expression 2x User Manual* if you are creating shows for an Expression 2x, Concept 2x or Impression 2. Use the *Insight 2x User Manual* if you are creating shows for an Insight 2x or Insight 2. Use the *Express User Manual* if you are creating shows for an Express. To install the manual follow these steps:

1. Insert the appropriate User Manual disk. The disk contains EXPN2XMN.EXE, INST2XMN.EXE, or EXPRESS.EXE, self-extracting files containing the user manual.
2. From the File Manager, select the directory into which you installed Expression Off-Line (normally c:\ETC). Select the EOL directory.
3. Select RUN from the File menu.
4. Type **a:\expn2xmn** to install the Expression manual. Type **a:\inst2xmn** to install the Insight manual. Type **a:\express** to install the Express manual.
5. Click on OK or press [Enter].
6. EXPN2XMN.PDF, INST2XMN.PDF, or EXPRESS.PDF is installed in the EOL subdirectory. You must use the Acrobat Reader to read or print the User Manual.

Reading the User Manual

In order to read or print the diskette version of the *User Manual*, you must have installed Adobe Acrobat Reader for Windows. If you haven't done this yet, follow the instructions above before continuing.

To read the manual, follow these steps under Windows:

1. From the File Manager, select the directory into which you installed the user manual (normally c:\ETC\EOL).
2. Select EXPN2XMN.PDF, INST2XMN.PDF, or EXPRESS.PDF. Acrobat Reader for Windows runs automatically and opens the user manual. Acrobat Reader allows you to view and print the manual. Refer to Acrobat Reader's online help function if you have any questions. Please note that the Reader's page numbering will not match the page numbering in the manual.

Running Off-Line

Double click on the program's icon to run the program.

- If you are using an Insight 2 or and Insight 2x, click on the Insight Off-Line icon.
- If you are using a Concept 2x, Expression 2x or Impression 2, click on the Expression Off-Line icon.
- If you are using an Express, click on the Express Off-Line icon.

Off-Line runs, opening a new show in the Live display.

If you are working with an existing show, load the show from a diskette. To load a show from diskette, follow these steps:

1. Insert the diskette into your diskette drive.
2. Select **Import Show** from the File menu.
3. Select the appropriate drive designation.

*Caution: When you are finished working, save the show back onto the diskette before you quit. If you don't, you will lose all the changes when you quit. To save the show, select **Export Show** from the File menu and then select the appropriate drive.*

Configuring Off-Line

Off-Line can create shows for any of the five Expression 2 line consoles; Concept 2x, Insight 2x, Expression 2x, Impression 2, and Insight 2, or any of the five Express consoles. Before you begin creating shows, set the number of dimmers and channels your console addresses. The following chart shows the maximum number of channels and dimmers each console can control.

Console	Channels	Dimmers
Concept 2x	1,200	1,536
Expression 2x	600	1,536
Insight 2x	324	1,536
Impression 2	300	1,024
Express 250	250	1,024
Express 72/144	144	1,024
Express 125	125	1,024
Insight 2	108	1,024
Express 48/96	96	1,024
Express 24/48	48	1,024

Follow these steps to configure Off-Line:

1. Run the appropriate version of Off-Line.
2. Click on Setup and press [1] [Enter] on the keypad window to bring up the System Settings menu.
3. Press [1] [Enter] and type in the number of dimmers, as shown above. Press [Enter].
4. Press [2] [Enter] and type in the number of channels, as shown above. Press [Enter].

These settings are stored with each show. Whenever you start a new show, reconfigure these settings.

Caution: Be certain the shows you create using Off-Line don't use dimmers or channels that your console doesn't address.

Off-Line controls

Off-Line reproduces the console's facepanel elements in windows on your PC's screen. You may control the program directly, using a mouse and the controls pictured on the screen, or you may use keyboard equivalents for Expression functions. For a list of the keyboard equivalents, refer to the table on page 8.

The following sections describe how to use the onscreen controls:

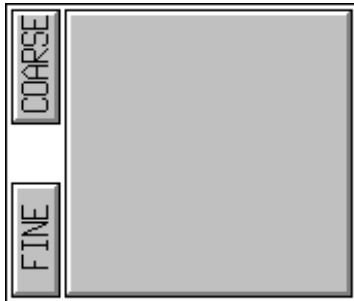


Sliders

These represent the console's sliders, including the Fader sliders, the Submaster sliders and the Master. The horizontal bar is the slider handle. Click on the handle and drag to move the handle.

Wheels

These represent the console's wheels. Click and hold above the center line to roll the wheel up. Click and hold below the center line to roll the wheel down. To roll the wheel more quickly, click further away from the center line. To roll the wheel more slowly, click closer to the center line. Wheels do not appear on Express consoles.



Trackpad

This represents the trackpad on an Express console. Click on the trackpad and move the mouse to simulate finger movement on the Express console trackpad. For information about trackpad modes, see the *Express User Manual*.

Sensitivity buttons

To the left of the trackpad are two buttons that control sensitivity. Click on the lower button (labeled Fine in Express Off-Line) for precise level or rate adjustments. Click on the top button (labeled Coarse in Express Off-Line) for faster adjustments.

Console keys



These represent the console's keys. All keys on the console are shown in the controls windows. Click on the key to press the console key. Release the mouse button to release the console key. To hold a console key down without needing to keep the mouse on it, click on the console key, slide the cursor off the key and then release the mouse. Click on the console key again to release it.

Minimize tool



Click on this in the main window to reduce the entire program to a single icon at the bottom of the screen. Double click on the icon to restore the program. Click on this in other windows to hide the window.

System menu



Click on this to bring up the system menu. Select Tiny Font to make the window very small. Tiny Font is only available in control screens. Select Small Font to make the window small. Select Large Font to make the window large. The font entries are not available in the system menu for the main window.

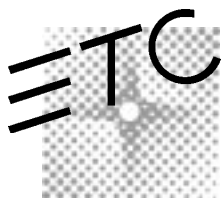
Help

For help on any command, click on the Help key, then click on the key for the command in question. To display a list of keyboard assignments on your screen, select Help, Console Accelerators.

Expression Off-Line keyboard chart

The following chart lists current alphanumeric keyboard equivalents for all Expression and Express commands. To display a list of keyboard assignments on your screen, select Help, Console Accelerators.

..... +	 +	AB Go	Ctrl-G
..... -	 -	AB Hold	Ctrl-F
.....		AB Clear	Ctrl-A
0-9	0-9	AB Rate	Ctrl-S
And	N	AB Back	Ctrl-D
At	A		
Channel	C	CD Go	Ctrl-B
Cue	Q	CD Hold	Ctrl-V
Dimmer	D	CD Clear	Ctrl-Z
Except	X	CD Rate	Ctrl-X
Follow	Y	CD Back	Ctrl-C
Full	F		
Group	G	Blackout	Ctrl-K
Help	?	Macro Wait	Ctrl-W
Help	H	Macro Enter	Ctrl-E
Label	B		
Level	V	Swap	F2
Link	K	About	F3
Load Sub	#	Learn	F4
Macro *	M		
Only	O	Stage	Shift-F1
Page	J	Blind	Shift-F2
Part	P	Fader	Shift-F3
Record	R	Tracksheet	Shift-F4
Release	L	Patch	Shift-F5
Solo	Z	Park	Shift-F6
Solo Bump (Insight only)	U	Setup	Shift-F7
Submaster	S	Expand	Shift-F8
Sub Mode (Insight only)	E		
Thru	T	Softkey 1-8	Ctrl- F1-F8
Time	I		
Track	^	Clear	Backspace
Type	*	Clear	Delete
Wait	W	Enter	Enter
		Up arrow	↑
AB fader slider up	[	Down arrow	↓
AB fader slider down	{	Left arrow	←
CD fader slider up	]	Right arrow	→
CD fader slider down	}	Level wheel up	Page Up
Master up	\	Level wheel down	Page Down
Master down		Rate wheel up	Home
		Rate wheel down	End



Electronic Theatre Controls

North America 3030 Laura Lane • Middleton, Wisconsin 53562 • USA • Tel: (+1) 608 831 4116 • Fax: (+1) 608 836 1736

Europe 5 Victoria Industrial Estate • Victoria Road • London W3 6UU • Tel: (+44) 181 896 1000 • Fax: (+44) 181 896 2000

Asia Room 1619-20 • 16/F Metro Centre II • 21 Lam Hing Street • Kowloon Bay • Hong Kong • Tel: (+852) 2799 1220 • Fax: (+852) 2799 9325

Home Page <http://www.etcconnect.com> • **Email** mail@etcconnect.com

Copyright 1995-96. Specifications subject to change. 4031M1003. Revised 8/96