



## Classic Console Compressors

TDM and Native Plug-in Version 1.0

User's Guide



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**Catalog Number**

URSCOMPTDM  
URSCOMP NAT

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## Chapter 1: Introduction

Welcome to the URS Classic Console Compressors from Unique Recording Software, Inc. or URS for short. The URS Classic Console Compressors digitally recreates the characteristics of the two most popular British console buss limiters, individually characterized by their different sound.

- 1970 s style compressor with transformer input and diode-bridge gain-reduction amplifier.
- 1980 s style compressor with IC input and voltage controlled amplifier (VCA).

The 1970 and 1980 URS Classic Console Compressors each include the URS Classic Console Compressor only version and the URS Classic Console Compressor/Limiter/Internal Side version.



Compressor only version



Compressor /Limiter / Side Chain version

The URS Compressor plug-ins are easy to use thanks to the engineers at Unique Recording Software who developed a unique (!) software interface making each plug-in simple to learn and operate. Most importantly the URS Classic Console Compressor plug-in sounds great providing faithful sonic emulations of two of the most unique and uniquely musical Compressors ever developed.

The URS Classic Console Compressor plug-ins are available in packages for Pro Tools TDM or LE.

- The TDM version includes TDM, RTAS and AudioSuite with support up to 192 kHz sample rates.
- The Native includes RTAS and AudioSuite with support up to 192 kHz sample rates.

The Classic Console Compressor's support Mono, Stereo and Multi-Mono formats.

### System Requirements

- Version 1.0 of the Compressor plug-in supports Macintosh OS X, OS 9 and WinXP only. (Check the URS Web site for the most current support news.)
- Compressor TDM plug-in supports any Pro Tools TDM or LE system capable of running Pro Tools software version 5.2.1 or higher including support for Pro Tools 6.9.2 and Tiger.
- URS Classic Console Compressor plug-in requires an iLok Smart key for authorization. If you do not have an iLok, consult the Digidesign web site for information to acquire one for your Pro Tools software.

### DSP and TDM Systems

The table provides the theoretical maximum number of mono instances of each compressor plug-in supported on TDM systems.

Pro Tools TDM System:		HD Accel			HD			MIX
sample rates (kHz):		44.1 / 48	88.2 / 96	186. 4/ 192	44.1 / 48	88.2 / 96	186. 4/ 192	44.1 / 48
<b>Plug-In</b>	URS Compressor	15	8	4	9	4	2	3
	URS Compressor/Limiter	7	4	2	3	2	1	1

## Chapter 2: Installation, Registration and Authorization

Installing the Classic Console Compressor plug-in involves the following three steps:

1. Installing the plug-in.
2. Registering with Unique Recording Software.
3. Authorizing your plug-in using the authorization code generated by your registration with URS.

Follow the instructions below to complete the installation, registration and authorization process.

### Installing

#### To install the Classic Console Compressor plug-in:

1. Download the installer for your Pro Tools system, computer platform and operating system from the Unique Recording Software web site ([www.ursplugins.com](http://www.ursplugins.com)) or insert the Classic Console Compressor Installer disc into your CD-ROM drive.
2. Double-click the installer for the URS plug-in bundle you have purchased. TDM users should install the TDM bundle. LE users should install the Native bundle.
3. Follow the instructions onscreen to install the plug-in. When you are finished, remove the URS disc from your CD-ROM drive.

Registering is required in order to initiate the plug-in authorization process. Registering your plug-in also entitles you to free periodic updates as they become available.

### Registering

Register your purchase online at the URS web site. Registering is the best way to protect your investment and to get the most out of your URS software purchase.

#### To register:

1. Browse to the URS web site at [www.ursplugins.com](http://www.ursplugins.com) and follow links to register.
2. Complete the registration form supplying all required information including your email address. The invoice or dealer license number is required depending whether you purchased online or through a dealer.
  - If you purchased your URS software from the URS Online Store, provide your invoice number and date of purchase.
  - If you purchased URS software from a dealer, provide the dealer's name, their license number and date of purchase (See the URS Registration Card included with your package). Upon registration, URS will send you an email to the address you provided. This email includes your URS User ID and a temporary password.
3. Upon receipt of the notification email, return to [www.ursplugins.com](http://www.ursplugins.com) and log in using the provided User ID and temporary password.
4. Follow the instructions onscreen to create a permanent password for yourself. Upon completion, you will be taken to the URS Welcome page.
5. From the URS Welcome page, follow the Download links to get to the download page. On the downloads page you will find all currently available versions of URS plug-ins, Pace Interlok software extensions (with an installer), user manual (and demos when available).

If necessary, download the software appropriate for your computer platform, operating system and Pro Tools hardware as well as any Pace extensions required.

## Authorizing

After completing the registration process, use iLok.com to update your iLok Smart Key with URS assets (URS transfers *assets* or authorizations to the iLok.com web site when you register your purchase with URS).

Authorizing your software involves the following three steps:

- Registering as a URS Customer to generate your iLok assets.
- Transferring your iLok assets to update your iLok Smart Key from the iLok.com web site.
- Authorizing the installed URS plug-in with your updated Smart Key.

The following section explains each of these steps in detail.

### Before you begin:

6. If you have not already done so browse to [www.ursplugins.com](http://www.ursplugins.com) and follow the links and instructions onscreen to register as a Unique Recording Software customer (see Registering on page 5). URS generates authorization iLok assets for your purchased software upon completion of the registration process.
7. Make sure your iLok Smart key is inserted into an active USB port on your computer.

### To transfer your assets to your own iLok:

1. Browse to [www.iLok.com](http://www.iLok.com).
2. Log in or sign up and create an account if you are new to iLok copy protection. (See your Pro Tools plug-in guides for more information about iLok or go to
3. ([www.iLok.com](http://www.iLok.com).)
4. Follow the onscreen instructions to transfer your Classic Console Compressor assets to your iLok Smart Key.

### To authorize your plug-in:

1. Make sure you have installed the plug-in and registered with URS and that you have transferred your iLok assets as described in the previous steps.
2. Launch Pro Tools.
3. If prompted, insert your iLok Smart Key into an available USB port. Follow any onscreen instructions to complete the authorization.

## Customer Support

Technical support is available online. Please email URS at:

[support@ursplugins.com](mailto:support@ursplugins.com).

Please include your Online Store Invoice number or your URS License number and your telephone number.

Downloads of the latest versions of URS software as well as manuals and other resources are also available at the URS web site ([www.ursplugins.com](http://www.ursplugins.com)).

## Chapter 3: URS Classic Console Compressor only version

The URS Classic Console Compressor plug-in supports all TDM sample rates up to 192 kHz and can be used on mono and stereo audio tracks, aux inputs and master faders.



The URS 1970 Compressor Only version

### To insert a URS plug-in on a track:

1. Create an audio track, aux input or master fader.
2. Choose URS Compressor only version from the track Insert selector (see your Pro Tools guides for more information if you are unfamiliar with inserting plug-ins).
3. To adjust the plug-in, see the next sections.

Using the AudioSuite version involves selecting the material to process, adjusting the AudioSuite URS Compressor only version then processing. See your Pro Tools documentation for AudioSuite instructions.

### About the URS Classic Console Compressor only version

The URS Classic Console Compressor is easy to operate. It combines vintage sound with modern features. There are two versions:

- 1970's style compressor
- 1980's style compressor

Getting the right amount of compression with the URS Classic Console Compressor is fast! The URS Classic Console Compressor series provide the engineer with the right controls for quick on track gain level adjustment and specific problem solving.

## URS 1970 Classic Console Compressor only version Specifications

### • Specifications

- Input Level
- Gain Make up Output Control
- Compressor Threshold Control
- Variable Compressor Attack Time 1ms - 50ms.
- Variable Compressor Release Time 1ms - 1500ms.
- Selectable Compressor Ratio 1.5:1, 2:1, 2.5:1, 3:1, 3.5:1, 4:1, 4.5:1, 5:1, 5.5:1, 6:1, 6.5:1, 7:1, 8:1, 9:1, 10:1, 20:1, 35:1, 50:1 and 100:1
- Gain Reduction Meter
- In/Out Bypass switch
- Line input Trim offers -10 to +20 gain variable to .1db
- Plasma Style Input and Output VU Meters

## URS 1980 Classic Console Compressor only version Specifications

### • Specifications

- Input Level
- Gain Make up Output Control
- Compressor Threshold Control
- Variable Compressor Attack Time 1ms - 50ms.
- Variable Compressor Release Time 1ms - 1500ms.
- Selectable Compressor Ratio 1.5:1, 2:1, 2.5:1, 3:1, 3.5:1, 4:1, 4.5:1, 5:1, 5.5:1, 6:1, 6.5:1, 7:1, 8:1, 9:1, 10:1, 20:1, 35:1, 50:1 and 100:1
- Gain Reduction Meter
- In/Out Bypass switch
- Line input Trim offers -10 to +20 gain variable to .1db
- Plasma Style Input and Output VU Meters

## Adjusting Input Gain

### To adjust Input Gain:

1. Click and drag on the Input gain knob as needed to raise or lower the input gain.
2. Click on the Numeric Window and use the QWERTY keyboard's up and down arrow keys or enter the value from the keyboard. The Numeric Window is located above the slider (0db) as shown in the illustration below.



*Click and drag on the Input knob to adjust Input Level setting*

## Setting the Compressor's Ratio

### To adjust the Compressor's Gain Reduction Ratio:

1. Click and drag on the Compressor's Ratio knob as needed to raise or lower ratio amount.
2. Click on the Numeric Window and use the QWERTY keyboard's up and down arrow keys or enter the value from the keyboard. The Numeric Window is located above the Compressor's Ratio knob as shown in the illustration below.



Compression Ratio Knob

## Adjusting the Compressor's Threshold

### To adjust the Compressor's Gain Reduction Threshold:

1. Click and drag on the Compressor's Threshold knob as needed to raise or lower the threshold level.
2. Click on the Numeric Window and use the QWERTY keyboard's up and down arrow keys or enter the value from the keyboard. The Numeric Window is located above the Compressor's Threshold knob as shown in the illustration below.



Compression Threshold Knob

## Adjusting the Compressor's Attack Time

### To adjust the Compressor's Gain Reduction Attack Time:

1. Click and drag on the Compressor's Attack Time knob as needed to raise or lower the attack time.
2. Click on the Numeric Window and use the QWERTY keyboard's up and down arrow keys or enter the value from the keyboard. The Numeric Window is located above the Compressor's Attack Time knob as shown in the illustration below.



Compressor Attack Time Knob

## Adjusting the Compressor's Release Time

### To adjust the Compressor's Gain Reduction Release Time:

1. Click and drag on the Compressor's Release Time knob as needed to raise or lower the release time.
2. Click on the Numeric Window and use the QWERTY keyboard's up and down arrow keys or enter the value from the keyboard. The Numeric Window is located above the Compressor's release Time knob as shown in the illustration below.



Compressor Release Time Knob

### Adjusting the Compressor's Gain Make Up

Click the Compressor's Gain Make Up knob to adjust the output level after the Compressor's Gain Reduction Amplifier.

#### To adjust the Compressor's Gain Makeup:

1. Click and drag on the Compressor's Gain Make Up knob as needed to raise or lower the make up gain.
2. Click on the Numeric Window and use the QWERTY keyboard's up and down arrow keys or enter the value from the keyboard. The Numeric Window is located above the Compressor's Gain Make Up knob as shown in the illustration below



Compressor Gain Make Up Knob

### Bypassing the Compressor

#### To bypass the Compressor:

Click the Compressor's IN button to toggle bypass state. When IN button is in (processing), the LED is lit. The IN LED is dark when bypassed and the Bypass switch lights.



Compressor Only version Bypass Button

### Using the Gain Reduction Meter

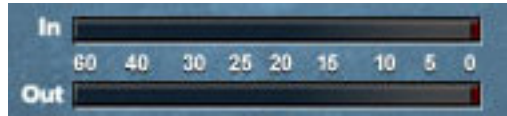
The Gain Reduction Meter shows the amount of the gain reduction of the Compressor in the Compressor only version.



Compressor only version Gain Reduction Meter

### Using the Input and Output Plasma VU Meters

The Input and Output meters are placed on top of each other to quickly compare input to output levels with out having to leave the plug-in window. Gain staging in Pro Tools is critical and not overloading the track(s) is essential. The Meters include a Red Clipping indicator.



*The URS Compressor Input and Output Meters*

### To clear the Gain Clip Indicators

- Click once on the Red gain clip indicator to clear its status.
- Operation Tip! - Hold the Option key and click on either Gain Clip Indicator to clear both.

## Chapter 4: URS Classic Console Compressor / Limiter / Side Chain Filter version

The URS Classic Console Compressor plug-in supports all TDM sample rates up to 192 kHz and can be used on mono and stereo audio tracks, aux inputs and master faders.



The URS 1970 Compressor /Limiter/Side Chain Filter version

About the Classic Console Compressor / Limiter / Side Chain Filter version

The URS Classic Console Compressor / Limiter / Side Chain version features Professional options to control automatic gain reduction. It can be as easy to operate as the Compressor only version once the signal flow is understood. (Please see the Signal Flow Block Diagram in Section 5 of this manual).

The URS Classic Console Compressor combines vintage sound with modern features. To operate, set the right amount of compression, and then set the Brick Wall Limiter. Use the built-in side chain filters to affect how the Compressor and Limiter's automatic Gain reduction modules ride your track

There are two versions:

- 1970's style Compressor, Limiter and Internal Side Chain filtering.
- 1980's style Compressor, Limiter and Internal Side Chain filtering.

## URS 1970 Classic Console Compressor/Limiter/Internal Side Chain version Specifications

### Specifications

- Input Level
- Gain Make up Output Control
- Separate Limiter and Compressor Threshold controls
- Variable Limiter Attack Time 1ms - 50ms.
- Variable Limiter Release Time 10ms - 1500ms
- Limiter Ratio fixed at 100:1
- Variable Compressor Attack Time 1ms - 50ms.
- Variable Compressor Release Time 10ms - 1500ms.
- Selectable Compressor Ratio 1.5:1, 2:1, 2.5:1, 3:1, 3.5:1, 4:1, 4.5:1, 5:1, 5.5:1, 6:1, 6.5:1, 7:1, 8:1, 9:1, 10:1, 20:1, 35:1, 50:1 and 100:1
- Variable Hi-pass Filter Side chain @ 12dB per Octave
- Variable Lo-pass Filter Side chain @ 12dB per Octave
- Gain Reduction Meter
- In/Out Bypass switch
- Line input Trim offers -10 to +20 gain variable to .1db
- Plasma Style Input and Output VU Meters

## URS 1980 Classic Console Compressor/Limiter/Internal Side Chain version Specifications

### Specifications

- Input Level
- Gain Make up Output Control
- Separate Limiter and Compressor Threshold controls
- Variable Limiter Attack Time 1ms - 50ms.
- Variable Limiter Release Time 10ms - 1500ms
- Limiter Ratio fixed at 100:1
- Variable Compressor Attack Time 1ms - 50ms.
- Variable Compressor Release Time 10ms - 1500ms.
- Selectable Compressor Ratio 1.5:1, 2:1, 2.5:1, 3:1, 3.5:1, 4:1, 4.5:1, 5:1, 5.5:1, 6:1, 6.5:1, 7:1, 8:1, 9:1, 10:1, 20:1, 35:1, 50:1 and 100:1
- Variable Hi-pass Filter Side chain @ 12dB per Octave
- Variable Lo-pass Filter Side chain @ 12dB per Octave
- Gain Reduction Meter
- In/Out Bypass switch
- Line input Trim offers -10 to +20 gain variable to .1db
- Plasma Style Input and Output VU Meters

## Adjusting Input Gain

### To adjust Input Gain:

1. Click and drag on the Input gain knob as needed to raise or lower the input gain.
2. Click on the Numeric Window and use the QWERTY keyboard's up and down arrow keys or enter the value from the keyboard. The Numeric Window is located above the slider (0db) as shown in the illustration below.



*Click and drag on the Input knob to adjust Input Level setting*

## Setting the Compression Ratio

### To adjust the Compressor's Gain Reduction Ratio:

1. Click and drag on the Compressor's Ratio knob as needed to raise or lower the ratio amount.
2. Click on the Numeric Window and use the QWERTY keyboard's up and down arrow keys or enter the value from the keyboard. The Numeric Window is located above the Compressor's Ratio knob as shown in the illustration below.



Compression Ratio Knob

## Adjusting the Compression Threshold

### To adjust the Compressor's Gain Reduction Threshold:

1. Click and drag on the Compressor's Threshold knob as needed to raise or lower the threshold level.
2. Click on the Numeric Window and use the QWERTY keyboard's up and down arrow keys or enter the value from the keyboard. The Numeric Window is located above the Compressor's Threshold knob as shown in the illustration below.



Compression Threshold Knob

## Adjusting the Compression Attack Time

### To adjust the Compressor's Gain Reduction Attack Time:

1. Click and drag on the Compressor's Attack Time knob as needed to raise or lower the attack time.
2. Click on the Numeric Window and use the QWERTY keyboard's up and down arrow keys or enter the value from the keyboard. The Numeric Window is located above the Compressor's Attack Time knob as shown in the illustration below.



Compressor Attack Time Knob

## Adjusting the Compression Release Time

### To adjust the Compressor's Gain Reduction Release Time:

1. Click and drag on the Compressor's Release Time knob as needed to raise or lower the release time.
2. Click on the Numeric Window and use the QWERTY keyboard's up and down arrow keys or enter the value from the keyboard. The Numeric Window is located above the Compressor's Release Time knob as shown in the illustration below.



Compressor Release Time Knob

### Adjusting the Compressor's Gain Make Up

The Compressor's Gain Make Up knob amplifies the output level after the Compressor's Gain Reduction circuit. The setting of the URS Compressor / Limiter / Side Chain version's Gain Make Up Control affects how the Limiter's Threshold functions. Use the Gain Make Up control to set how hard the signal hits the Limiter.

#### To adjust the Compressor's Gain Makeup:

3. Click and drag on the Compressor's Gain Make Up knob as needed to raise or lower the make up gain.
4. Click on the Numeric Window and use the QWERTY keyboard's up and down arrow keys or enter the value from the keyboard. The Numeric Window is located above the Compressor's Gain Make Up knob as shown in the illustration below.

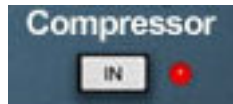


Compressor Gain Make Up Knob

### Bypassing the Compressor

#### To bypass the Compressor:

Click the Compressor's IN button to toggle bypass state. When button is in (processing), the IN button LED is lit. When bypassed (out), the IN LED is dark and the plug-in Bypass switch is lit.



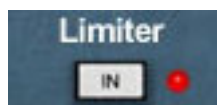
Compressor IN / OUT button

When the Compressor section is OUT the Gain Make Up control is also out of circuit. We have programmed it this way to prevent drastic level changes when the Gain Make Up level is set high and the Compressor is removed from circuit.

### Bypassing the Limiter

#### To bypass the Limiter:

Click the Limiter's IN button to toggle bypass state. When in (processing), the IN button is in and the IN LED is lit. When bypassed (out), the IN LED is dark.



Limiter Bypass Button

## Adjusting the Limiter Threshold

### To adjust the Limiter's Gain Reduction Threshold:

1. Click and drag on the Limiter's Threshold knob as needed to raise or lower the threshold level.
2. Click on the Numeric Window and use the QWERTY keyboard's up and down arrow keys or enter the value from the keyboard. The Numeric Window is located above the Compressor's Threshold knob as shown in the illustration below.



Limiter Threshold Knob

## Adjusting the Limiter Attack Time

### To adjust the Limiter's Gain Reduction Attack Time:

1. Click and drag on the Limiter's Attack Time knob as needed to raise or lower the attack time.
2. Click on the Numeric Window and use the QWERTY keyboard's up and down arrow keys or enter the value from the keyboard. The Numeric Window is located above the Limiter's Attack Time knob as shown in the illustration below.



Limiter Attack Time Knob

## Adjusting the Limiter Release Time

### To adjust the Limiter's Gain Reduction Release Time:

1. Click and drag on the Limiter's Release Time knob as needed to raise or lower the release time.
2. Click on the Numeric Window and use the QWERTY keyboard's up and down arrow keys or enter the value from the keyboard. The Numeric Window is located above the Limiter's release Time knob as shown in the illustration below.



Limiter Release Time Knob

## Using the Internal Side Chain Filters

### The Internal Side Chain Filters explained

The Internal Side chain filters are a set of equalizers that affect the frequency range of the signal that is being set to the gain reduction sensing circuit.



#### To enable the built in Internal Side Chain Filters:

Click the IN button above either the HPF or the LPF Numeric Window to toggle bypass state. When in (processing), the IN button is in and the IN LED is lit. When bypassed (out), the IN LED is dark.

### Setting the High Pass Filter

The HPF (High Pass Filter) lets only frequencies pass through above the frequency selected. The HPF affects the bass frequencies to the Midrange frequencies.



High Pass Filter section

#### Bypassing the High Pass Filter

##### To bypass the HPF:

Click the HPF's IN button to toggle bypass state. When in (processing), the IN button is in and the IN LED is lit. When bypassed (out), the IN LED is dark.

### Setting the Low Pass Filter

The LPF (Low Pass Filter) lets only frequencies pass through that are below the frequency selected. The LPF affects the treble frequencies to the Midrange frequencies.



Low Pass Filter section

### Bypassing the Low Pass Filter

#### To bypass the LPF:

Click the LPF's IN button to toggle bypass state. When in (processing), the IN button is in and the IN LED is lit. When bypassed (out), the IN LED is dark.

### Using the Filters

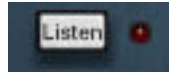
In the default position the Filters are out of circuit and the Compressor and Limiter affect the entire broad band frequency range. When enabled the Filters allow you to narrow the frequency range of the Compressor and Limiter functions. The Filters completely overlap so that problem frequencies can be reduced from the program material. Effects such as Ducking and De-Essing are possible with correct filter settings. The Listen function allows you to custom tailor the filters to problem frequencies. The listen function is explained in the next section.

### Using the Listen Feature

The Listen Button allows you to Listen to how your are equalizing the signal being set to the gain reduction sensing circuit.

#### To enable the Listen feature:

Click the Listen feature IN button to toggle bypass state. When in (processing), the IN button is in and the IN LED is lit. When bypassed (out), the IN LED is dark.



Listen Feature Enable Button

### Selecting Internal or External Side Chain (TDM Version only)

#### To select Internal or External Key input:

Click on the Key button located on the gray Pro Tools header of the URS Compressor/Limiter/Internal Side Chain version plug-in to toggle the Key Input source.



Key Input Source Select Button

## Using the Gain Reduction Meter

The Gain Reduction Meter monitors gain reduction of the Limiter and Compressor;  
Click on the Key button located on the gray Pro Tools header of the URS Compressor/Limiter/Internal Side Chain version plug-in to toggle the Key Input source.

### To select Limiter, Compressor or both:

This feature is only available on the URS Compressor/Limiter/Internal Side Chain version of the plug-in.

Click on the Toggle switch located above the Gain Reduction Meter on URS Compressor/Limiter/Internal Side Chain version of the plug-in to toggle the Gain Reduction Meter source

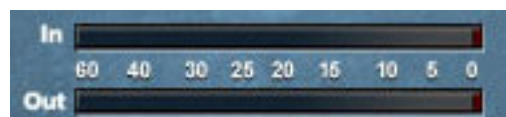
- Toggle switch to the left selects the Limiter.  
Click on the word Limit to the left of the toggle switch to select Limiter.
- Toggle switch to the right selects the Compressor.  
Click on the word Comp to the right of the toggle switch to select Compressor.
- Toggle switch in the Middle selects both the Limiter and Compressor.  
Click directly on the center on the toggle switch to select Limiter and Compressor.



Compressor / Limiter / Side Chain version Gain Reduction Meter

## Using the Input and Output Plasma VU Meters

The Input and Output meters are placed on top of each other to quickly compare input to output levels without leaving the plug-in window. Gain staging in Pro Tools is critical and not overloading the track(s) is essential. The Meters include a Red Clipping indicator.



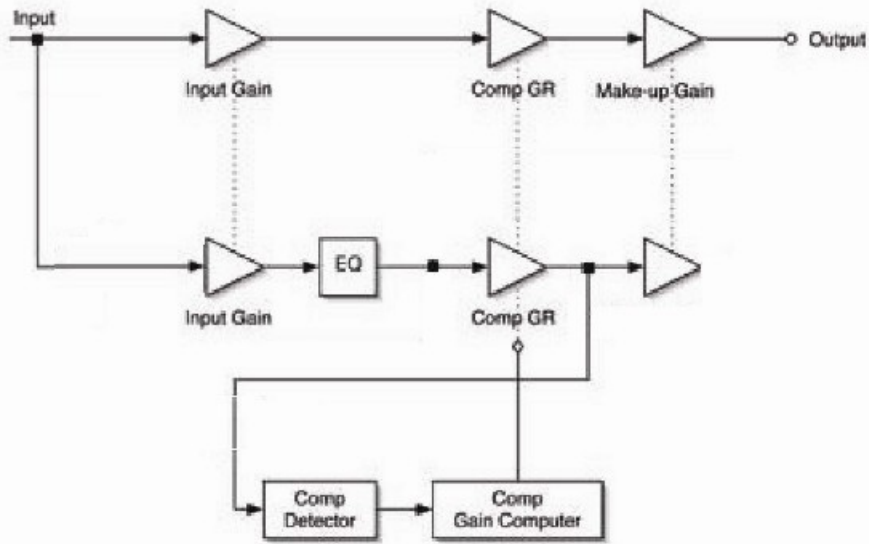
*The URS Compressor Input and Output Meters*

### To clear the Gain Clip Indicators

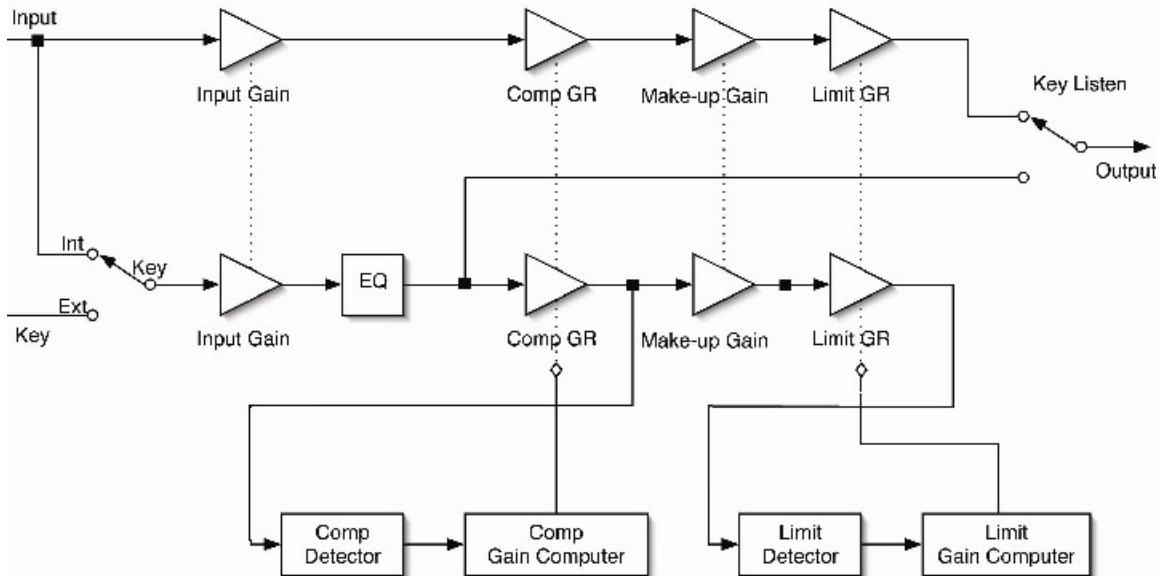
- Click once on the Red gain clip indicator to clear its status.
- Operation Tip! - Hold the Option key and click on either Gain Clip Indicator to clear both.

## Chapter 5: Block Diagram

### Compressor only version Signal Flow Block Diagram



### Compressor / Limiter / Side Chain Filter version Signal Flow Block Diagram



## Chapter 6: Operational Tips

This chapter provides additional information for both the URS Compressor only version and the URS Compressor / Limiter / Side Chain Filter version including control surface support and operational tips to help you get the most out of the Classic Console Compressors.

### ICON, ProControl, Control|24 and Other Control Surfaces

The Classic Console Compressor fully supports Digidesign ICON, ProControl, Control|24, Command 8 and other supported control surfaces. For example, on ProControl the URS plug-in supports the DYN functions for selecting compressor as dynamics inserts on tracks.

In addition, ProControl maps each plug-in toggle switch to the BYPASS/IN/Ø switch (in the DSP Edit/Assign area).

The following tables show the control surface labels used to indicate each COMPRESSOR parameter. Use the associated knob or fader (if your controller supports plug-in Flip mode) to adjust each parameter.

#### URS Compressor Control Surface Abbreviations

Control Surface	URS Compressor
Lvl	Input Level
Gan	Gain Make up
Rat	Ratio
Atk	Attack Time
Rls	Release Time
Thr	Threshold

#### URS Compressor / Limiter Control Surface Abbreviations

Control Surface	URS Compressor / Limiter control
Lvl	Input Level
Hpf	High Pass Filter Frequency
Lpf	Low Pass Filter Frequency
Gan	Gain Make Up
Atk	Attack Time
Rls	Release Time
Thrs	Threshold

## **Operational Tips**

### **TDM or RTAS**

If you purchased the TDM (full version) you can use TDM and/or RTAS.

If you have the native version, you can use RTAS version only.

When mixing, if you need more TDM memory for reverbs and other TDM only plug-ins, we recommend using our plug-in as RTAS.

We Do Not recommend using our plug-in as RTAS for live tracking due to the nature of RTAS latency.

### **Using Multi-Mono Mode for TDM or RTAS**

If you want to compress a stereo track, master fader or 5.1 Master fader with one set of compressor controls left and right or more :

1. Select the insert point on your Stereo fader, Master fader or 5.1 Master fader.
2. From the plug-in window open the Multi-Mono Mode plug-in list.
3. Select either the URS Compressor only version or the URS Compressor/Limiter version.

(Multichannel tracks greater than stereo (LCR to 7.1) Pro Tools HD or MIX.)

Use the Link controls for ganged control of all channels (see your Pro Tools manuals for plug-in linking).

## **Version Number**

### **URS Compressor only and URS Compressor/Limiter/Internal Side Chain version number**

To find out what version number you have installed, click on the URS logo in the upper right hand corner of the plug-in. The Version number will then be displayed. Click again to hide the version number.



URS Logo

## **Mouse Scroll Wheel Support**

### **The URS Compressors include Mouse Scroll Wheel Support for Mac OSX Panther and Tiger**

Our new Wheel Mouse Scroll Wheel Support for Mac OSX requires no clicking.

You simply place the mouse cursor over the knob and without clicking just move the mouse scroll wheel to adjust the knob.

You can use your Mouse Scroll Wheel to control the Compressor's knobs, buttons and/or Numeric Windows. Each click of the wheel mouse scroll wheel moves the knob or slider .1db. Holding the option key will enable a 10x multiplier.

Unique Recording Software

[www.ursplugins.com](http://www.ursplugins.com)

## URS Quick Start Guide

Here's what you'll need to do to get up and running fast.

1. An iLok and iLok.com user account.
2. Create a URS user ID to Login to the URS web site.
3. Register your product on the URS web site to automatically transfer your license asset(s) to your iLok.com user account.
4. Transfer your URS license asset(s) from your ilok.com user account to your iLok.
5. Install the Pace Interlok Extensions and Reboot your computer.
6. Install the URS software.

<p>1. An iLok and iLok.com user account is required.</p> <p>Create an iLok.com User ID at <a href="http://www.iLok.com">www.iLok.com</a> and Synchronize your iLok with iLok.com. More info at <a href="http://www.ursplugins.com/ilokID.html">www.ursplugins.com/ilokID.html</a></p> <p>You can purchase an iLok from your Dealer or from the Digidesign Online Web store.</p>	
<p>2. Create a URS user ID to Login to our web site. Please register at <a href="http://www.ursplugins.com/reg.html">www.ursplugins.com/reg.html</a></p>	
<p>3. Register your product on the URS web site to automatically transfer your license asset(s) to your iLok.com user account. Please Login at <a href="http://www.ursplugins.com/login.html">www.ursplugins.com/login.html</a></p>	
<p><b>Dealer purchased Retail Box</b> At the URS Welcome page select "Register Products". Enter the License # found on the enclosed License Card. Your License Asset(s) will automatically be delivered to your iLok.com account. More info at <a href="http://www.ursplugins.com/register.html">www.ursplugins.com/register.html</a></p>	
<p><b>URS Online Store purchased Electronic License(s) including Rental Licenses</b> At the URS Welcome page select "Register Products". Enter your Order # from your Online Store receipt. Your License Asset(s) will automatically be delivered to your iLok.com account. More info at <a href="http://www.ursplugins.com/register.html">www.ursplugins.com/register.html</a></p>	
<p><b>Demo Users</b> At the URS Welcome page select "Request Demo Licenses". Select the products to demo and hit Request. Your Demo License Asset(s) will automatically be delivered to your iLok.com account.</p>	
<p>4. Transfer your URS license asset(s) from your ilok.com user account to your iLok Login at <a href="http://www.iLok.com">www.iLok.com</a> and transfer your license asset(s) to your iLok. Please see <a href="http://www.ursplugins.com/iloktransfer.html">www.ursplugins.com/iloktransfer.html</a></p>	
<p>5. Install the Pace Interlok Extension Drivers from <a href="http://www.paceap.com/dldrvr.html">http://www.paceap.com/dldrvr.html</a> The Pace Interlok Extension Drivers are required for your computer to identify your iLok. <b>A reboot is recommended.</b></p>	
<p>6. The most current versions of our software are found on the URS Downloads page. Please Login at <a href="http://www.ursplugins.com/login.html">www.ursplugins.com/login.html</a> and from the Welcome page select Downloads. If you only want to install the Classic Console EQ Bundle or specific plug-in(s)? Download the Everything EQ Bundle, select "Custom Install" and de-select the URS plug-ins you do not want to install.</p>	
<p><b>If you have TDM licenses</b> Please download and install the TDM versions They are located on the Downloads page in the section with the white background like this.</p>	
<p><b>If you have NATIVE licenses</b> Please download and install the Native versions They are located on the Downloads page in the section with the gray background like this.</p>	
<p><b>If you have DEMO or RENTAL licenses</b> Please download and install the Demo/Rental versions They are located on the Downloads page in the section with the blue background like this.</p>	
<p>7. To Upgrade your software and the Pace Interlok Extensions to the latest version. Please see <a href="http://www.ursplugins.com/upgrade.html">www.ursplugins.com/upgrade.html</a></p>	

Note - If you are having difficulties, please fill out a support request form at :  
[www.ursplugins.com/supportrequest.html](http://www.ursplugins.com/supportrequest.html)

## Addendum to the URS Compressor Manual

Using an External Sidechain with Logic and Live  
Note- There is no external sidechain capabilities in Digital Performer currently.

Logic:

In Logic, if you load an instance of an effect plug-in that has a sidechain input, then a "sidechain" menu will appear in the plug-in window's toolbar:



If you click on this pop-up menu button, you will get a menu that includes every available audio track that you can route into the plugin's sidechain input:



Note that, when you route another track in, that track will still still play on its own, so you may want to enable mute on that sidechain track's channel strip if you want it only to be played into the effect.

Live:

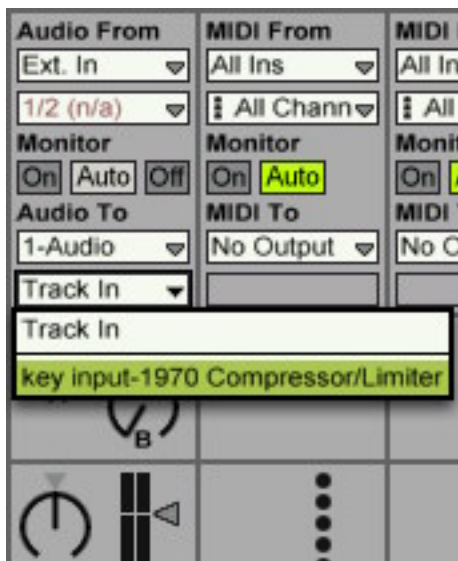
In Live, if you load an instance of an effect plugin that has more than one input bus source, then each additional input bus will show up as an audio output destination on other audio tracks (e.g. the audio tracks other than the one which has the effect plugin instantiated on it). To enable sending audio from another audio track to an extra input bus of a plugin, you need to first make sure that you are in "Session View" mode (button circled in orange) with "Show In/Out Section" enabled (button circled in red):



Then, on the channel strip for the other audio track that you want to route into the plugin, choose the track that has the plugin on it from the "Audio To" menu:



After you do this, the menu below the "Audio To" menu will fill up with options for the selected "Audio To" destination track:



Choose the input destination of the effect on that track where you want to send this other tracks audio output to.