



M series EQ Bundle

MotorCity Seven Band EQ

Vintage Cinema Seven Band EQ

TDM and Native Plug-Ins Version 1.0

User's Guide



Copyright

Copyright 2007 Unique Recording Software, Inc.
All trademarks are property of their respective owners.

URS is a trademark of Unique Recording Software, Inc.

Unique Recording Software Inc.
21218 St. Andrews Blvd.
Boca Raton, FL 33433
United States
Web site: www.ursplugins.com

Credits

Product Development Team: Robert Nathan
GUI and Programming: Cool Stuff Labs, Inc.
Graphics: Bobby Nathan
Documentation: Bobby Nathan

Catalog Number

URSMEQTDM
URSMEQNAT

Table of Contents

Chapter 1: Introduction	5
Chapter 2: Installation, Registration and Authorization	6
Installing	6
Registering	6
Authorizing	7
Chapter 3: URS M series MotorCity and Vintage Cinema EQ	8
About the URS M series MotorCity and Vintage Cinema EQ	8
Adjusting Gain	8
Bypassing	9
Inverting Phase	9
Adjusting Input Level	10
Adjusting Output Level	10
The In Button	10
Chapter 5: Operational Tips	11
ProControl, Control 24, and Other Control Surfaces	11
Operational Tips	1

Chapter 1: Introduction

Welcome to the M series MotorCity and Vintage Cinema Seven Band Equalizers from Unique Recording Software, Inc (URS). These plug-ins provide classic EQ processing for Pro Tools HD and LE systems, Native Audio Units and VST systems filling a void in available EQ mix plug-ins with their unique warmth, musicality and character.

The URS M series MotorCity EQ

The URS M series MotorCity and Vintage Cinema EQ plug-ins for TDM and Native bring the fidelity and sonic character of the highly sought-after hardware EQ unit into the high sample rate world of Pro Tools and digital recording.

The URS M series MotorCity and Vintage Cinema EQ plug-ins are easy to use thanks to the engineers at Unique Recording Software (URS) who developed a unique (!) software interface making the plug-in simple to learn and operate.

Most importantly, the URS M series MotorCity and Vintage Cinema EQ plug-ins sounds great and provides faithful sonic emulations of the most unique and uniquely musical equalizers ever developed.



URS M series MotorCity Program EQ

The TDM and Native versions

The URS M series MotorCity and Vintage Cinema EQ plug-ins supports Pro Tools HD, LE and Native AU and VST systems.

- The TDM bundle includes TDM, RTAS, and Audio Units and VST versions. All versions support up to 192 kHz sample rates.
- The Native bundle includes RTAS and Audio Units and VST versions. The Native RTAS and Audio Units and VST versions support up to 192 kHz samples.

The URS M series MotorCity and Vintage Cinema EQ supports Stereo, Mono and Multi-mono formats.

System Requirements

- Version 1.0 of the URS M series MotorCity and Vintage Cinema EQ plug-in supports Macintosh OSX and WinXp. (Check the URS Web site for the most current support news.)
- The URS M series MotorCity and Vintage Cinema EQ plug-in supports any Pro Tools TDM or LE system capable of running Pro Tools software version 6.x.x or higher and Native systems with Audio Units and VST support..
- The URS M series MotorCity and Vintage Cinema EQ plug-in requires an iLok Smart key for authorization. If you do not have an iLok, consult the Digidesign web site for information on acquiring one for your Pro Tools software.

DSP and TDM Systems

The table below provides the theoretical maximum number of mono instances of each URS M series MotorCity EQ 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
Plug-in	MotorCity EQ Vintage Cinema EQ	9	5	2	5	2	1	2

Chapter 2: Installation, Registration and Authorization

Installing the URS M series MotorCity and Vintage Cinema EQ 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 URS M series MotorCity and Vintage Cinema EQ 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). Or you can insert the URS M series MotorCity and Vintage Cinema EQ Installer disc into your CD-ROM drive.
2. Double-click the installer for the URS plug-in or bundle you purchased. TDM users should install the TDM plug in or bundle. LE users should install the Native plug in or bundle.
3. Follow the instructions onscreen to install the plug-ins. 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-ins also entitles you to 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 and follow links to Register.
2. Complete the registration by supplying all required information including your email address. The online invoice # or dealer license number is required depending on 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 (on the URS Registration Card included with your package) and the date of purchase.
3. Upon registration, an email is sent by URS to the email address you provided. This email includes your URS User ID and a temporary password.
4. Upon receipt of the notification email, return to www.ursplugins.com and log in using the provided UserID and temporary password.
5. Follow the instructions onscreen to create a permanent password for yourself. Upon completion of entering your permanent password you will be taken to the URS Welcome page.
6. 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 manuals 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:

- Register as a URS Customer to generate your iLok assets.
- Transfer your iLok assets to update your iLok Smart Key from the iLok.com web site.
- Authorize the installed URS plug-ins with your updated Smart Key.

The following section explains each of these steps.

Before you begin:

1. If you have not already done so, browse to www.ursplugins.com and follow the links and instructions onscreen to register as a URS customer (see Registering on page 6). URS generates authorization iLok assets for your purchased software upon completion of the registration process.
2. 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.
2. Log in, or if you're new to iLok copy protection, sign up and create an account. (See your Pro Tools plug-in guides for more information about iLok and www.iLok.com.)
3. Follow the onscreen instructions to transfer your URS M series MotorCity EQ assets to your iLok Smart Key.

To authorize your plug-ins:

1. Make sure you have installed the plug-ins, registered with URS and that your iLok assets have been 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 and follow any onscreen instructions to complete the authorization.

Customer Support

Technical support is available online. Please email URS at:

support@ursplugins.com.

Include your Online Store Invoice number or your URS License number and your telephone number.

Downloads of the latest versions of URS software, manuals and other resources are also available at the URS web site (www.ursplugins.com).

Chapter 3: URS URS M series EQ Bundle

Using the URS M series MotorCity and Vintage Cinema EQ in sessions involves inserting the plug-in on a track then adjusting EQ parameters as needed.

The URS M series MotorCity and Vintage Cinema EQ 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 M series MotorCity and Vintage Cinema EQ plug-in supports all Native RTAS, AU and VST formats supported by your host application

To insert a URS plug-in on a track:

1. Create an audio track, aux input or master fader.
2. Choose URS M series MotorCity EQ 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 following sections.

Using the AudioSuite version involves selecting the material to process, adjusting the AudioSuite URS M series MotorCity EQ then processing. See your Pro Tools documentation for AudioSuite instructions.

About the URS M series MotorCity and Vintage Cinema Program EQs

The URS M series MotorCity and Vintage Cinema EQ provides the engineer with the premium Mix Sound. The seven peaking bands are fixed at unique frequencies for track sweetening or specific problem solving. Input and output line level trims adjust the gain staging.

The Numeric display windows show you the current settings for Gain and Input and Output levels.



URS M series MotorCity Program EQ

Features:

- Input and output line level trims
- 7 bands of peak equalization with boost and attenuation
- Numeric Entry/Display Windows for each band and Input/Output trim gains
- Phase reverse switch
- In/Out (Bypass) switch

Filter Frequency Centers:

- MotorCity Peak band frequency centers: 50hz, 130hz, 320hz, 800hz, 2khz, 5khz and 12.5khz
- Vintage Cinema Peak band frequency centers: 80hz, 200hz, 500hz, 1250hz, 2khz, 8khz and 16khz

Adjusting Gain for each Band

To adjust Gain for each band:

1. Click and drag on the desired band's knob as needed to raise or lower frequency gain. Click on the Numeric Window and use the QWERTY keyboards up and down arrow keys or enter the value from the keyboard.
2. Click on the numeric values on the face plate to adjust gain in + or - 1 db increments. The original EQ unit allowed gain to be adjusted in 1db increments.



Adjusting Gain

Bypassing

To bypass a plug-in:

1. Click its IN button to toggle bypass state. When toggle is down (processing) the IN button is lit. When is up (bypassed) the IN LED is dark and the plug-in Bypass switch lights.



URS M series MotorCity EQ out (bypassed)

To bypass a single EQ Band

2. Click on the Frequency Silk below that band's knob to toggle bypass state. Example – Click on the 50. When bypassed the silk is grayed out.

Inverting Phase

To flip phase:

- Click to toggle the Phase (ϕ) switch.



Adjusting Input Level

To adjust input level:

- Click and drag the IN knob (URS M series MotorCity EQ).
- Click on the Numeric Window and use the QWERTY keyboards up and down arrow keys
- Click on the Numeric Window and enter the value from the keyboard.



Adjusting Output Level

To adjust output level:

- Click and drag the IN knob (URS M series MotorCity EQ).
- Click on the Numeric Window and use the QWERTY keyboards up and down arrow keys
- Click on the Numeric Window and enter the value from the keyboard.



Chapter 5: Operational Tips

This chapter provides additional information for the URS M series MotorCity EQ plug-in including control surface support and operational tips to help you get the most out of the URS M series MotorCity EQ.

ProControl, Control|24, and Other Control Surfaces

The URS M series MotorCity EQ fully supports Digidesign ProControl and Control|24 and other supported control surfaces. For example, the URS plug-in on ProControl supports the EQ and DYN functions for selecting EQ and 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 EQ parameter. Use the associated knob or fader (if your controller supports plug-in Flip mode) to adjust each parameter.

URS M series MotorCity and Vintage Cinema EQ Control Surface Abbreviations

Control Surface	URS M series MotorCity control
Input	Input Gain
50 Hz	50hz Gain
130 Hz	130hz Gain
320 Hz	320hz Gain
800 Hz	800hz Gain
2k Hz	2khz Gain
5k Hz	5khz Gain
12k5	12.5kz Gain
Output	Output Gain
In-Out	In/Out toggle
Phase	Phase toggle

- To flip phase from ProControl, press BYPASS IN/ø next to LFf (Low Filter Frequency).
- To toggle the Low Filter between Peak and Shelving from ProControl, press BYPASS IN/ø next to LFg (Low Filter Gain).
- To toggle the High Filter between Peak and Shelving from ProControl, press BYPASS IN/ø next to HFf (High Filter Frequency).

On other control surfaces use equivalent toggle switches to adjust phase and Low/High Filter type.

Tip: Using Flip Mode

If your control surface supports plug-in Flip mode try it out with the URS M series MotorCity EQ! You might find that you prefer the fixed and finite top-to-bottom mapping of frequency and gain settings along the fader path to the less-intuitive “roll-over” behavior of most control surface rotary knobs that don’t have a fixed range. Flip mode is also convenient for the URS M series MotorCity EQ when rotary knobs are velocity-sensitive. Note that you cannot adjust toggle switches in plug-in Flip mode. (See your control surface manual for details on how to use Flip mode).

Operational Tips

TDM or RTAS

The TDM License includes both TDM and RTAS.

You can use our products as either TDM or RTAS..

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

For Live tracking we Do Not recommend using our plug-ins as RTAS due to the nature of RTAS latency.

Using Multi-Mono Mode for TDM or RTAS

If you want to EQ a stereo track, master fader or 5.1 Master fader with one set of EQ controls for both 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-ins window open the Multi-Mono Mode plug-ins list.
3. Select the URS M series MotorCity EQ.

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

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

Unique Recording Software

www.ursplugins.com