



MASTERING IS FOR EVERYONE!

ALL STYLES, FORMATS AND BUDGETS

Knowing what mastering all about, and why you **MUST** have it for your music/product.

We will talk about the difference

The BIGGEST Question We are living a world of Cell Phones,

That's Right - When no one cares about the quality

So why should we spend money on mastering?

Is it the deferent's of selling your music as a Demo or a Professional

"Major Label Product"

The Questions in the Music business

Hi tech gadgets and Low level sound media

iPods, MP3 Players, Ear Plug Headphone sets...

Hi Tech-Low Quality of our product...

Here's WHY! Product business...sets...MUSIC!

Race Production Recordings Mastering Suite

We will provide a FREE mastering session for everyone! You send me a single track from your current CD/project and I will send you back a test CD with your raw mix as the A cut as well as a B cut with RPR mastering to compare. If you like what you hear, RPR will master the rest of your project for only \$25.00 per track (No track limit)

Stephen Palmer has successfully performed hundreds of CD mastering, remastering, stem mixes and remixes projects from format's such as Analog and Digital TAPE: Cassettes, Reel to Reel, Vinyl, DAT, ADAT as well as CD's Formats such as: AIFF,WAV, BroadcastWAV,MP3 and MP4 cross platform PC/MAC formats .Stephen has 30 plus years of professional recording and has spent the

past 15 years of studying and perfectly the art of mastering Stephen has always been an advocate for helping any level of musicianship / recording artist willing to do whatever it takes to better their product. Many of Stephen's clients have moved on to receive impressive reviews, respectable CD sales including the Three Village Central School Districts (Long Island, New York) Music Department receiving 7 plus High School Grammy Awards for outstanding recording and musicianship due to his recordings.

What is Mastering?: Mastering is the most important step for the production of your CD/DVD product. It's the final link between the mix and the replication of your product. We make all tracks match in Output level by using digital and analog compression and dithering to start. We fix slight problematic EQ problems, De-Essing, phasing problems such as , 60 and 50 DC cycle hum, noise reduction, stereo imaging, high and low sonic exciter issues, room emulation/convolution mastering reverb... and that's only the beginning to the mastering procedure.

**Mastering is not a quick fix for tracks not properly mixed.
True mastering is to improve upon your final product..**

There is one other major application for the composer /mastering engineer. By adding Stem tracks (Stem tracks are additional mono/stereo sound effect or music WAV/AIFF/MP3 etc... files mastering montage) To the final mix/master add additional instrumentals/vocals or sound effects as well as new sections

RACE PRODUCTION'S Primary Equipment :

Pro Tools, Logic, MAC only

MAC / PC: Wavelab, Cubase, Plexor and Nero

properly mixed, s out to

AD/DA Converters:

1. Motu 2408 ME3 3x (x2) (Main DAW)
2. TC Electronics Konnect 6 (Apple Logic, Cubase 5.5, and Bias software)
3. Digidesign M-Box (Pro Tools V8 - The Latest Version)
4. Mastering Console - Tascam DM-24 Digital Console (DDIP/ADAT/ANALOG and Word Clock master)
5. TC Electronics Esoteric mastering processor (Multiple Formats)
6. Focusrite VC-8 ADAT/Analog 8x8 in/out
7. Trident summing mixer S-100
8. Soundcraft M12 mixer
9. Tascam Digital DM 24 mixer

Mastering 2 Tracks:

1. Tascam DVRA-1000 DSD/DVD/ & CD 2 Track Recorder
2. Sony CDR-W33 CD-R 2 Track Recorder
3. Naimark T-200 with a Stanton cartridge
4. Focusrite CR-200 CD-R Burner
5. Focusrite D-5 DAT Recorder
6. Alessi 8 Track Digital VHS Tape Recorder
7. JVC TD-W 709 Dual Cassette Recorder

Multi Track Digital Stand-A-Alone Decks

1. Focusrite D2424 24 Track Hard Drive Recorder
2. Focusrite VF 160 Hard Drive Workstation

Digital Mastering DSP Cards and USB/Firewire Units (Hardware for State of the Art Plug-ins)

1. Focusrite Liquid Mix (32 Vintage EQ's and 64 Bus Compressor)
2. UAD - 1 DSP Cards (Palm EQ's, UA1176 Compressor, UA LA-2A Gain Limiter)
3. TC Electronics Finalizer - Digital EQ, Dithering Levels, Normalizer, Stereo Expander etc

My Favorite Plug-ins:

1. Waves Diamond Package (X-Noise Reduction, R-Series Plus Much More)
2. Waves SSL 4000 Collections featuring G-Mastering Bus Compressor
3. Waves Center Plug In, Waves Vocal Rider
4. UAD 1176, 112 Limiter, Pulver EQ's, Pro Reverb
5. Focusrite Liquid Mix Vintage EQ's and Compressor
6. Steinberg Cubase and Wavelab Plug-ins
7. Sony Plugins, BBE Sonic Plug-ins
8. iZotope ozone 3, Mastering in
9. Sonnox Restore Plug-in, IK T-Racks Mastering Plug-ins
10. BBE Super Sweet Plug in Pack

Digital Patchbays and Digital Clock:

1. Focusrite DP8 ADAT/DSP DIF8 as Digital Patchbay
2. Aarkark Sync D.A. word clock distribution

Monitoring System

1. PreSonus Digital Central Station - Monitor Summing Box
2. Art SLA Recording Power Amp
3. Yamaha Vintage NS-10M Nearfield Monitors
4. Mackie MR 824 Active Monitor
5. Sanson Sub Woofer Active 12-watt's
6. Sanson 120 Watt Servo Amp
7. BBE Sonic X-cross over with Bass Exciter
8. KeeWood 5.1 Surround Sound System
9. AKG 240M studio headphones
10. Focusrite VRM Digital Headphone Amp



RPR: Mastering Primary

Computers/DAWs

1. Apple Power MAC G5: Pro Tools, Logic and Cubase
 2. Sweetwater Creative Station Pro Tower PC Wavelab, Cubase, Plexor and Nero
- Final mixes before they head the duplication house.



AD-DA Convertors:

- ❖ 1, Motu 2408 MK 3's (x2)
(Main DAW: Steinberg Cubase DAW and Wavelab Mastering Software)
- ❖ 2. TC Electronics Konnect 6 (Apple Logic, Cubase 5.5, and Bais software)
- ❖ 3. Digidesign M-Box (Pro Tools V8 – The Latest Version)
- ❖ 4. Mastering Console: Tascam DM-24 Digital Console (TDIF/ADAT/ANALOG and Word Clock master)
- ❖ 5. TC Electronics finalizer mastering processor (Multiple Formats)
- ❖ 6. Fostex VC-8 ADAT/Analog 8x8 in/out
- ❖ 7. M-Audio Audiophile 2496 Sound PCI Cards
- ❖ 8. E-MU 1820M PCI/Break-out box DAW Sound System



Mastering 2 Tracks:

1. Tascam DVRA-1000 DSD/DVD/ & CD 2 Track Recorder
2. Sony CDR-W33 CD-R 2 Track Recorder
3. Numark T-200 with a Stanton cartridge
4. Fostex CR-200 CD-R Burner
5. Fostex D-5 DAT Recorder
6. Alesis 8 Track Digital VHS Tape Recorder
7. JVC TD-W709 Dual Cassette Recorder



Multi Track Digital Stand-A-Along Decks

1. Fostex D2424 24 Track Hard Drive Recorder
2. Fostex VF 160 Hard Drive Workstation
3. Alesis ADAT 8 Track Digital Recorder



Digital Mastering DSP Cards and USB/Firewire Units

(Hardware for State of the Art Plug-ins)

1. Focusrite Liquid Mix (32 Vintage EQ's and 64 plus Compressor
2. 2 UAD – 1 DSP Cards (Pultec EQ's, UA 1176 Compressors, UA LA-2A Gain Limiter
3. TC Electronics Finalizer : Digital EQ, Dithreing Levelers , Normarliser, Stereo Expander



My Favorite Plug-ins:

1. Waves Diamond Package (X- Noise Reduction, R-Series Plus Much More)
 2. Waves SSL 4000 Collections featuring G Mastering Bus Compressor.
 3. Waves Center Plug In, Waves Vocal Rider
 4. UAD 1176, L2 Limiter, Pultec EQ's, Pro Reverb
 5. Focusrite Liquid Mix Vintage EQ's and Compressors
 6. Steinberg Cubase and Wavelab Plug-ins
 7. Sony Plug-ins, BBE Sonic Plug -ins
 8. iZotope ozone 3 Mastering in
 9. Sonnox Restore Plug -Ins , IK T Ranks Mastering Plug Ins
- Digital Patchbays and Digat Clock:

1. Fostex DP-8 ADAT/SP-DIF 8 x8 Digital Patchbay
2. Aarkvark Sync D.A. word clock distribution,



Monitoring System

1. Presonus Digital Central Station – Monitor Summing Box
2. Art SLA Recording Power Amp (x2)

3. Yamaha Vintage NS-10M Nearfield Monitors
4. Mackie MR 824 Active Monitor
5. Samson Sub Woofer Active 12- watt's
6. Samson 120 Watt Servo Amp
7. BBE Sonic X-cross over with Bass Exciter
8. Kenwood 5.1 Surround Sound System
9. AKG 240M studio headphones

This is just a basic outline of RPR inventory. We have more then just great gear to make your product shine.

Watch out for the PART TWO of this PDF for further info on How We Can Make Our Clientele Happy!

Thank You for your Interest
 Stephen Palmer
 Race Production Recordings

