

# *PHOENIX GOLD.*

NEW PRODUCTS : 2010



REBIRTH OF A LEGEND...

# AMPLIFIERS

## S - SERIES

S1000.1	POWER RATING		FUSE RATING	LOW PASS RANGE	LOW PASS SLOPE	SUBSONIC RANGE	HIGH PASS SLOPE	BASS BOOST	POWER TERMINAL
	1000x1	1 Ω	N/A	30Hz TO	18dB/	10Hz TO	18dB/	+0dB MIN	4Ga
	500x1	2 Ω		300Hz	OCTAVE	55Hz	OCTAVE	+18dB MIN	
S400.4	POWER RATING		FUSE RATING	LOW PASS RANGE	LOW PASS SLOPE	HIGH PASS RANGE	HIGH PASS SLOPE	BASS BOOST	POWER TERMINAL
	75x4	2 Ω	N/A	40Hz TO	12dB/	40Hz TO	12dB/	+0dB MIN	4Ga
	50x4	4 Ω		400Hz	OCTAVE	400Hz	OCTAVE	+18dB MIN	

S400.4



S1000.1



S1000.1



### FEATURES :

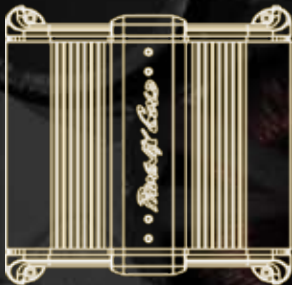
- ULTRA SMALL SIZE FOR CUSTOM OR LIMITED SPACE INSTALLATIONS
- AUDIOPHILE COMPLIMENTARY BI-POLAR OUTPUT TRANSISTORS
- ROBUST UNREGULATED POWER SUPPLY
- HIGH LEVEL INPUT WITH SIGNAL SENSING TURN ON
- LPI44 LOW PASS LEVEL CONTROL READY
- OVERSIZED DIRECT INSERT POWER AND SPEAKER TERMINALS
- AUDIO PRECISION QUALITY CONTROL VERIFICATION



# R - S E R I E S

	POWER RATING		FUSE RATING	LOW PASS RANGE	LOW PASS SLOPE	SUBSONIC RANGE	SUBSONIC SLOPE	BASS BOOST	POWER TERMINAL
R250.1	250x1	2 $\Omega$	25Ax1	30Hz TO 300Hz	12dB/OCTAVE	10Hz TO 55Hz	12dB/OCTAVE	+0dB MIN +18dB MIN	4Ga
R500.1	500x1	2 $\Omega$	40Ax1	30Hz TO 300Hz	12dB/OCTAVE	10Hz TO 55Hz	12dB/OCTAVE	+0dB MIN +18dB MIN	4Ga
R1000.1	1000x1	1 $\Omega$	40Ax2	30Hz TO 300Hz	18dB/OCTAVE	10Hz TO 55Hz	18dB/OCTAVE	+0dB MIN +18dB MIN	4Ga
	500x1	2 $\Omega$							
	POWER RATING		FUSE RATING	LOW PASS RANGE	LOW PASS SLOPE	HIGH PASS RANGE	SUBSONIC SLOPE	BASS BOOST	POWER TERMINAL
R300.4	75x4	2 $\Omega$	40Ax1	40Hz TO 400Hz	12dB/OCTAVE	40Hz TO 400Hz	12dB/OCTAVE	+0dB MIN +18dB MIN	4Ga
R500.4	125x4	2 $\Omega$	25Ax2	40Hz TO 400Hz	12dB/OCTAVE	40Hz TO 400Hz	12dB/OCTAVE	+0dB MIN +18dB MIN	4Ga
	75x4	4 $\Omega$							

R250.1



R500.1



R300.4 / 1000.1



R500.4



R300.4



## FEATURES :

- AUDIOPHILE COMPLIMENTARY BI-POLAR OUTPUT TRANSISTORS
- ROBUST UNREGULATED POWER SUPPLY
- HIGH LEVEL INPUT WITH SIGNAL SENSING TURN ON
- LPL44 LOW PASS LEVEL CONTROL READY
- RMD (REMOTE VOLTAGE DISPLAY) PORT
- OVERSIZED DIRECT INSERT POWER AND SPEAKER TERMINALS
- AUDIO PRECISION QUALITY CONTROL VERIFICATION

# T<sub>I</sub> - S E R I E S

	POWER RATING	FUSE RATING	LOW PASS RANGE	LOW PASS SLOPE	SUBSONIC RANGE	HIGH PASS SLOPE	BASS BOOST	POWER TERMINAL
T <sub>I</sub> 1500.1	1500x1 1 Ω 1000x1 2 Ω	N/A	30Hz TO 300Hz	24dB/ OCTAVE	10Hz TO 55Hz	24dB/ OCTAVE	+0dB MIN +18dB MIN	1/0GA
T <sub>I</sub> 2500.1	2500x1 1 Ω 1500x1 2 Ω	N/A	30Hz TO 300Hz	24dB/ OCTAVE	10Hz TO 55Hz	24dB/ OCTAVE	+0dB MIN +18dB MIN	1/0GA
	POWER RATING	FUSE RATING	LOW PASS RANGE	LOW PASS SLOPE	HIGH PASS RANGE	HIGH PASS SLOPE	BASS BOOST	POWER TERMINAL
T <sub>I</sub> 600.4	150x4 2 Ω 100x4 4 Ω	N/A	40Hz TO 400Hz	18dB/ OCTAVE	20Hz TO 400Hz	18dB/ OCTAVE	+0dB MIN +18dB MIN	1/0GA
T <sub>I</sub> 800.4	200x4 2 Ω 125x4 4 Ω	N/A	40Hz TO 400Hz	18dB/ OCTAVE	20Hz TO 400Hz	18dB/ OCTAVE	+0dB MIN +18dB MIN	1/0GA

## FEATURES :

- OVERBUILT DUAL UNREGULATED POWER SUPPLIES
- HANDWOUND POWER SUPPLY TRANSFORMERS
- ULTRA FAST AND NASTY POWER SUPPLY FETS
- ISOLATED PRE-AMP SECTION
- LPL44 LOW PASS LEVEL CONTROL READY
- ALUMINUM SHAFT POTENTIOMETERS
- CROSSOVER RANGE WITH 41 SETTINGS FOR EXACT POINT CONTROL
- PANEL MOUNTED RCAS
- 1/0 TO 4 GAUGE POWER TERMINALS
- CLIP INDICATORS
- EXTRUDED ALUMINUM HEATSINK WITH EVENFLOW TECHNOLOGY
- HEATSINK FEATURES 10G PER MM OF MASS
- INTEGRATED COOLING VIA ENDCAP VENTS
- AUDIO PRECISION QUALITY CONTROL VERIFICATION
- RMD (REMOTE VOLTAGE DISPLAY) PORT



T<sub>I</sub>800.4



# "THE ONE" - LIMITED EDITION

POWER RATING	FUSE RATING	LOW PASS RANGE	LOW PASS SLOPE	SUBSONIC RANGE	SUBSONIC SLOPE	BASS BOOST	POWER TERMINAL
11000x1	1 $\Omega$	NONE	35Hz TO	24dB/ OCTAVE	10Hz TO	+0dB MIN	3 - 1Ga
7000x1	2 $\Omega$	INTERNAL	250Hz	50Hz	24dB/ OCTAVE	+18dB MIN	
22000x1	2 $\Omega$ LINKED	800 AMP DRAW					

## FEATURES :

- THREE OUNCE GOLD PLATED CIRCUIT BOARD
- SIX INTERNAL POWER SUPPLIES WITH HAND WOUND TRANSFORMERS
- TWIN LINKABLE FOR 22,000 WATTS OF TOTAL POWER
- 50 LBS OVERALL WEIGHT
- FOR THE MOBILE AUDIO PRO OR SERIOUS HIGH END ENTHUSIAST





# SUBWOOFERS

## R1 - SERIES

	POWER HANDLING	IMPEDANCE	FREQ RESPONSE	SENSITIVITY
R1.10	200w RMS/ 400w PEAK	SINGLE 4	30 TO 300Hz	91DB
R1.10D	200w RMS/ 400w PEAK	DUAL 4	30 TO 300Hz	91DB
R1.12	200w RMS/ 400w PEAK	SINGLE 4	25 TO 300Hz	91DB
R1.12D	200w RMS/ 400w PEAK	DUAL 4	25 TO 300Hz	91DB

## R2 - SERIES

	POWER HANDLING	IMPEDANCE	FREQ RESPONSE	SENSITIVITY
R2.10	400w RMS/ 800w PEAK	SINGLE 4	25 TO 300Hz	91DB
R2.10D	400w RMS/ 800w PEAK	DUAL 4	25 TO 300Hz	91DB
R2.12	400w RMS/ 800w PEAK	SINGLE 4	20 TO 300Hz	91DB
R2.12D	400w RMS/ 800w PEAK	DUAL 4	20 TO 300Hz	91DB

### FEATURES :

- SINGLE OR DUAL VOICE COIL MODELS
- ONE PIECE ALUMINUM PLATED DUSTCAP
- NICKEL PLATED 12 GAUGE SPEAKER TERMINAL
- HIGH EXCURSION CAE/CAD MOTOR DESIGN
- ANTI-RESONANT STEEL BASKET
- OPTIMIZED FOR SEALED OR VENTED ENCLOSURES



R2.10D

## Ti - SERIES

	POWER HANDLING	IMPEDANCE	FREQ RESPONSE	SENSITIVITY
Ti10D	600w RMS/ 1200w PEAK	DUAL 4	20 TO 300Hz	90dB
Ti12D	600w RMS/ 1200w PEAK	DUAL 4	20 TO 300Hz	90dB



Ti12D

### FEATURES :

- DUAL VOICE COIL
- HIGH EXCURSION CAE/CAD MOTOR DESIGN
- ONE PIECE ALUMINUM PLATED DUSTCAP
- WOVEN SPIDER TINSEL LEADS
- HIGH ROLL BUTYL RUBBER SURROUND
- HIGH TEMPERATURE OFC COPPER VOICE COILS
- NICKEL PLATED 12 GAUGE SPEAKER TERMINAL
- OPTIMIZED FOR SEALED OR VENTED ENCLOSURES
- RIGID POWDER COATED ANTI-RESONANT CASTBASKET





# COAXIALS

## R - SERIES

	POWER HANDLING	IMPEDANCE	FREQ RESPONSE	SENSITIVITY
R65CX	50w RMS/ 100w PEAK	4 Ω	60Hz TO 20kHz	91dB
R57CX	50w RMS/ 100w PEAK	4 Ω	70Hz TO 20kHz	91dB
R69CX	60w RMS/ 120w PEAK	4 Ω	70Hz TO 20kHz	91dB

### FEATURES :

- 19MM MYLAR BALANCED DOME TWEETER
- TRIPLE LAMINATED, ULTRA STIFF LIGHTWEIGHT CONE
- ANTI-RESONANT STEEL BASKET
- UV TREATED FOAM SURROUND
- HIGH TEMPERATURE CAE/CAD MOTOR STRUCTURE

## Ti - SERIES

	POWER HANDLING	IMPEDANCE	FREQ RESPONSE	SENSITIVITY
Ti5CX	60w RMS/ 120w PEAK	4 Ω	70Hz TO 20kHz	91dB
Ti6CX	75w RMS/ 150w PEAK	4 Ω	60Hz TO 20kHz	91dB
Ti65CX	75w RMS/ 150w PEAK	4 Ω	60Hz TO 20kHz	91dB
Ti57CX	75w RMS/ 150w PEAK	4 Ω	60Hz TO 20kHz	91dB
Ti69CX	90w RMS/ 180w PEAK	4 Ω	50Hz TO 20kHz	91dB

### FEATURES :

- 20MM SILK DOME TWEETER
- ALUMINUM PLATED GRAINED POLYPROPYLENE CONE
- POWDER COATED ANTI-RESONANT STEEL BASKET
- 12dB INTEGRATED INTERNAL CROSSOVER
- INTERWOVEN TINSEL LEADS
- BUTYL RUBBER SURROUND
- HIGH TEMPERATURE CAE/CAD MOTOR STRUCTURE



Ti6CX



Ti5CX



Ti69CX



# COMPONENT SETS

## R - SERIES

	POWER HANDLING	IMPEDANCE	FREQ RESPONSE	SENSITIVITY
R65CS	60w RMS/ 120w PEAK	4 $\Omega$	60Hz TO 20kHz	90dB

R65CS

### FEATURES :

- 19MM MYLAR BALANCED DOME TWEETER
- TRIPLE LAMINATED, ULTRA STIFF LIGHTWEIGHT CONE
- INTEGRATED PHASE PLUG
- ANTI-RESONANT STEEL BASKET
- UV TREATED FOAM SURROUND
- HIGH TEMPERATURE CAE/CAD MOTOR STRUCTURE
- 12dB EXTERNAL AUDIOPHILE CROSSOVER



## Ti - SERIES

	POWER HANDLING	IMPEDANCE	FREQ RESPONSE	SENSITIVITY
Ti6CS	125w RMS/ 250w PEAK	4 $\Omega$	50Hz TO 20kHz	90dB
Ti65CS	125w RMS/ 250w PEAK	4 $\Omega$	50Hz TO 20kHz	90dB

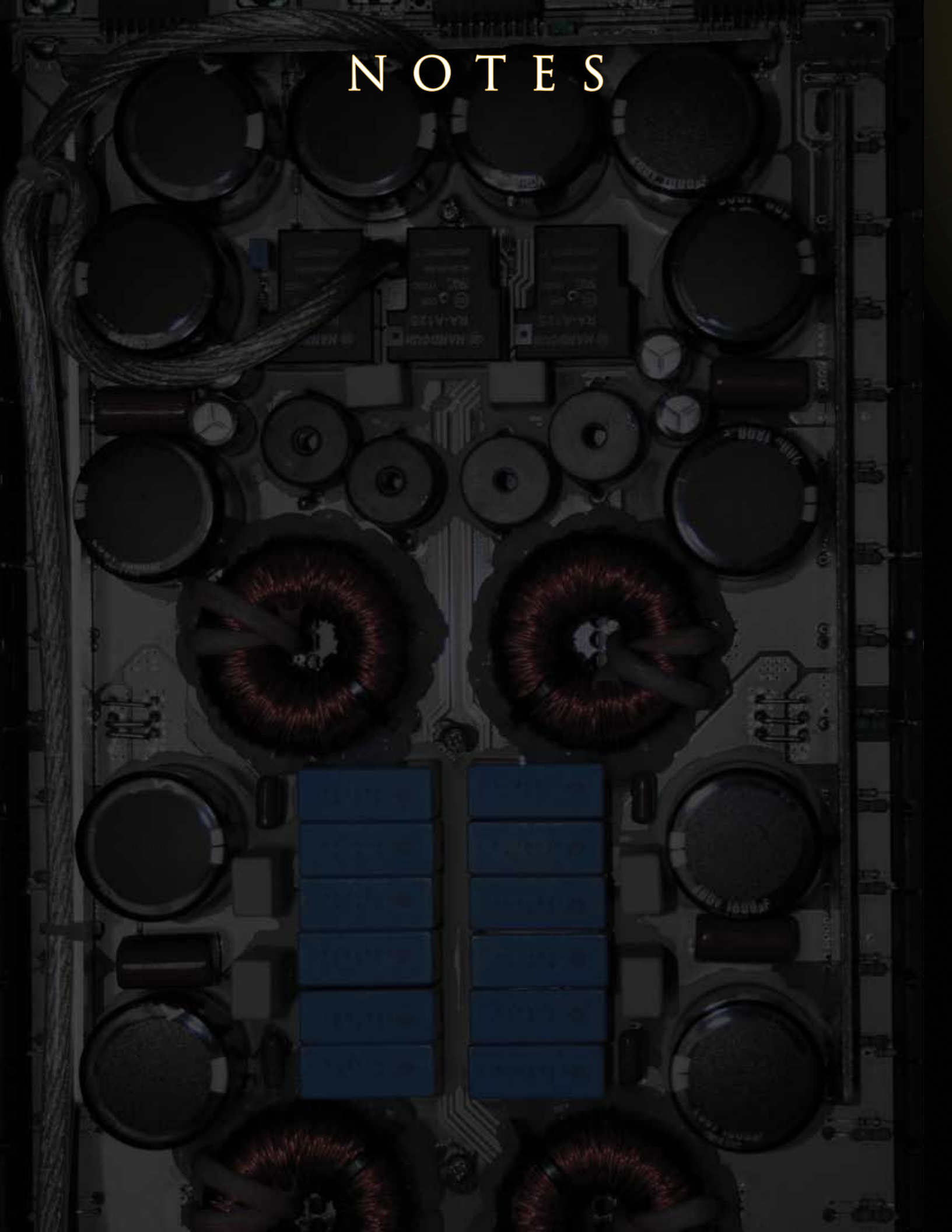
### FEATURES :

- 25MM PIVOTING SILK DOME TWEETER
- ALUMINUM PLATED GRAINED POLYPROPYLENE CONE
- POWDER COATED ANTI-RESONANT STEEL BASKET
- TWEETER FLUSH MOUNT OR SURFACE MOUNT CAPABILITY
- 18dB EXTERNAL AUDIOPHILE CROSSOVER WITH TWEETER LEVEL ADJUSTMENT
- INTEGRATED PHASE PLUG
- INTERWOVEN TINSEL LEADS
- BUTYL RUBBER SURROUND
- HIGH TEMPERATURE CAE/CAD MOTOR STRUCTURE



Ti65CS

# NOTES







*PHOENIX GOLD.*  
WWW.PHOENIXGOLD.COM  
P:800-477-2267 F:800-444-6044

PGBRO10V1



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**AAMP** *of America*™ P:800-477-2267 F:800-444-6044