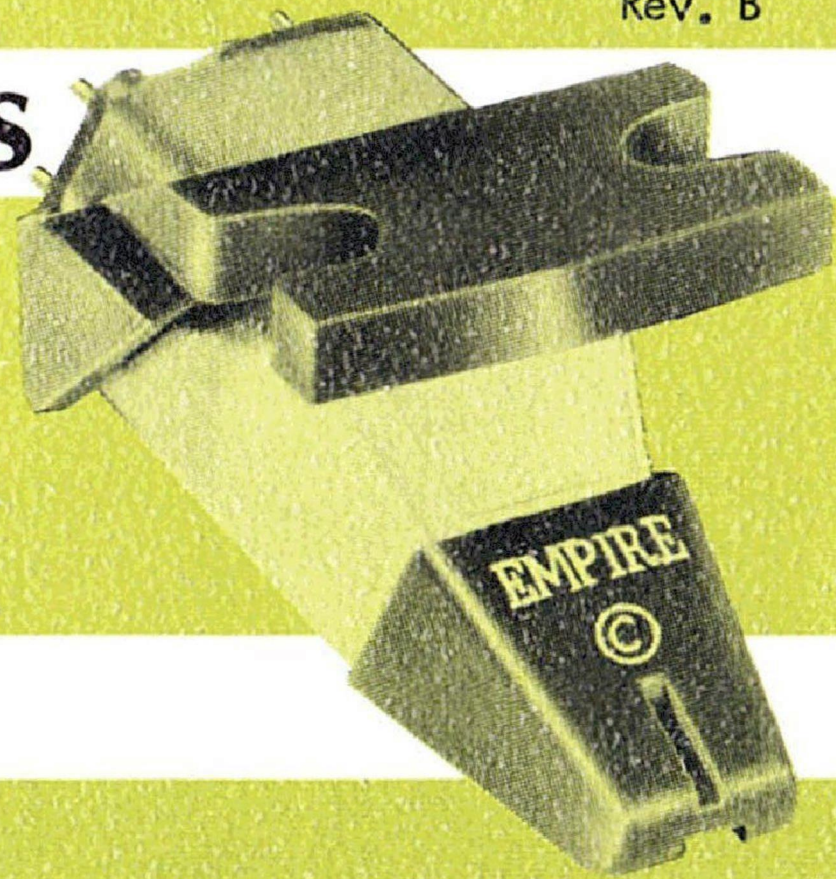


920-A-573
Rev. B

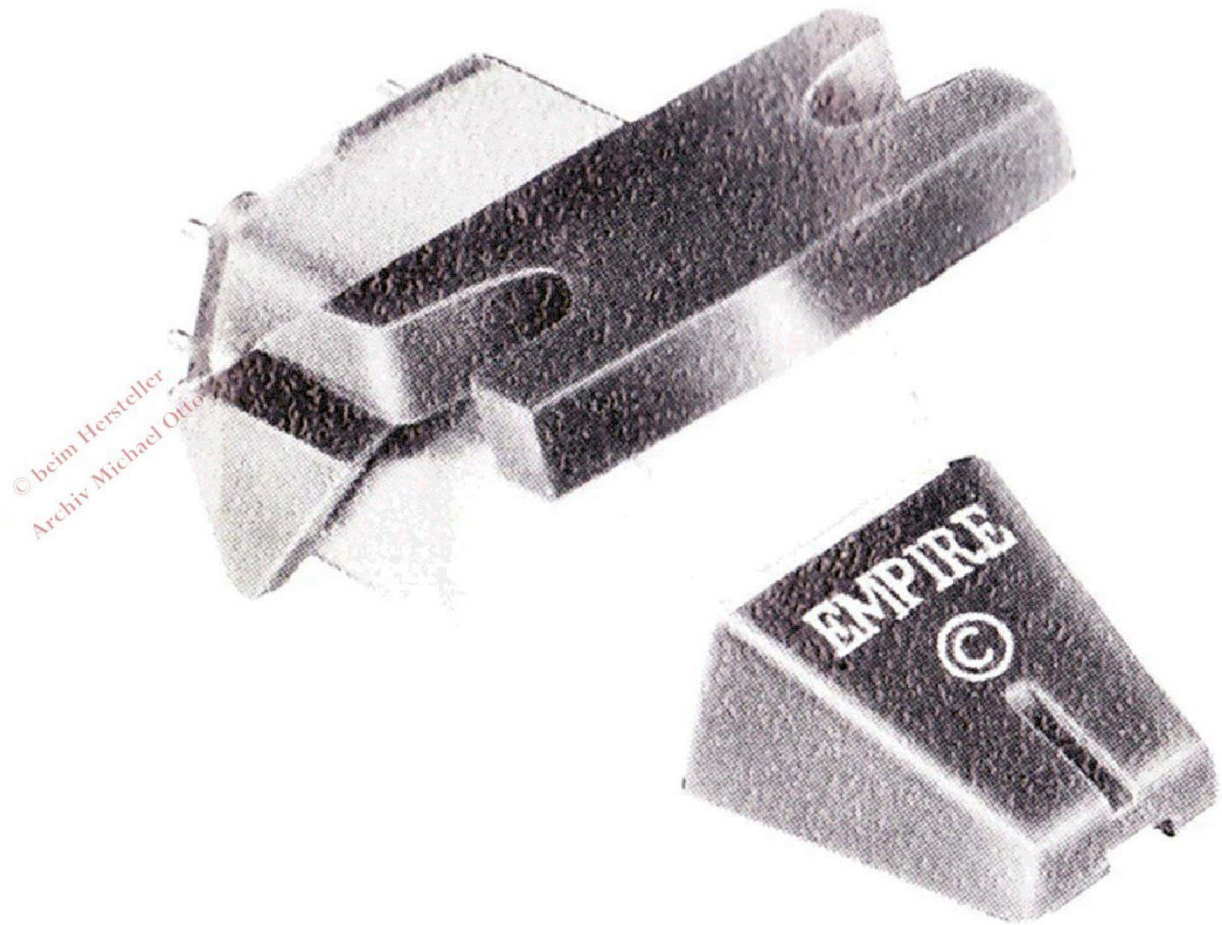
**Replacement stylus
for your EMPIRE
long playing
stereo cartridge**



Printed in the U. S. A.

The total sound of your system is dependent on the performance capability of each component. We call your attention to the other fine Empire products. The Empire Grenadier Speakers and Troubador Turntable Systems are magnificent instruments capable of matching your most exciting sound requirements.

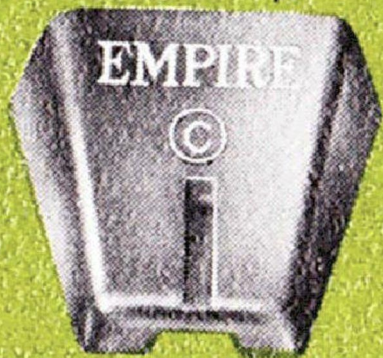
Empire Scientific Corp.



GENUINE EMPIRE REPLACEMENT

To obtain maximum performance on your Empire stereophonic cartridge we recommend the use of only genuine Empire replacement styli. An authentic Empire stylus can be identified by the EMPIRE copyright mark on the stylus nosepiece or guard.

Empire Scientific Corp.



EMPIRE ASSURANCE OF QUALITY

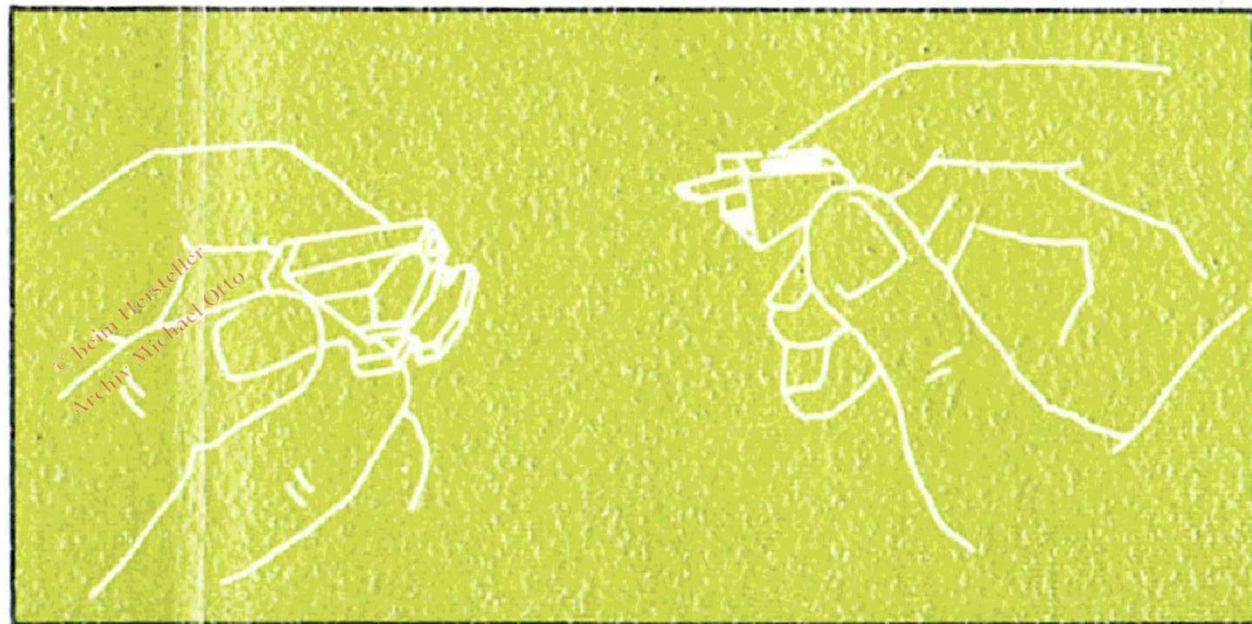
When you purchase any Empire product, you make an investment in precision engineering, painstaking craftsmanship, and enduring quality. We guard our unsurpassed reputation for quality by total control of the manufacturing process, from beginning to end.

As each Empire product is actually created, inspection and testing are virtually continuous. Diamond styli are microscopically examined and re-examined. Cartridges and styli must prove that they meet or exceed their individual specifications before they are packaged for shipment.

STYLUS REPLACEMENT

The patented* Empire cartridge magnetic system permits the use of an easily replaceable stylus assembly. To remove stylus assembly, simply pull stylus nose-piece out of cartridge as shown in drawing. Insert tube straight into body. Avoid finger contact with stylus lever.

Note: You must fill out and return warranty card within one week of purchase or warranty is void.



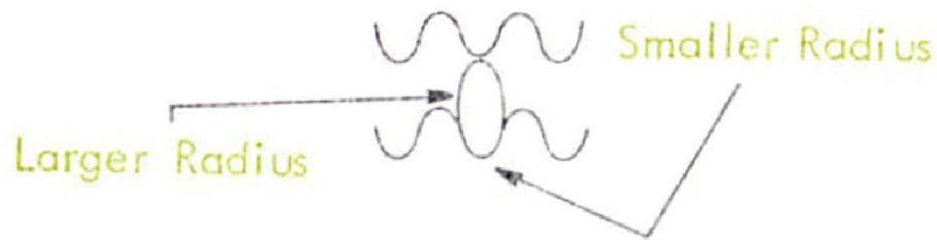
*Covered by one or more of the following U. S. patents 2875282, 3341194, 3441688, 3356745, 3469040, D206069.

FACTS ABOUT THE ELLIPTICAL STYLUS

The elliptical stylus bi-radial dimensions (ex .2 x .7 mil) on axis permit the smaller .2 mil radius to provide far greater groove resolution especially on inner grooves. This produces a marked improvement in high frequency response of the cartridge system. Tracing distortion is lowered to a minimum allowing for greater stereo separation. Monophonic recordings exhibit unusual clarity of sound. The above is accomplished without the disadvantages of the small stylus bottoming in the stereo or mono groove while effectively tracking as though it were a smaller radius diamond. Because of the

smaller radius of engagement of stylus with record, the .2 x .7 mil elliptical stylus should not be used with tracking forces that exceed 3 grams. Any Empire cartridge can be converted to an elliptical stylus system by the change to an elliptical stylus assembly of the same series.

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Archiv Michael Otto



Elliptical Diamond in Groove

	888 Series					
Model	808E	808	888VE	888TE	888SE	888PE
Frequency Response	10-25,000 cps	15-20,000 cps	6-32,000 cps	8-32,000 cps	8-32,000 cps	10-30,000 cps
Output Voltage m v. per channel	8.0	8.0	5.0	8.0	8.0	8.0
Channel Separation	more than 30 DB	more than 30 DB	more than 35 DB	more than 32 DB	more than 30 DB	more than 30 DB

TECHNICAL SPECIFICATIONS EMPIRE LONG PLAYING CARTRIDGE*

Tracking Force	1 to 3 grams	1 to 4 grams	1/2 to 1 1/2 grams	1/2 to 1 1/2 grams	1 to 3 grams	1/2 to 3 grams
Diamond Stylus Type - mil	.4 x .9 elliptical	.7 spherical	.2x.7 elliptical hand polished	.2x.7 elliptical hand polished	.3x.7 elliptical hand polished	.2x.9 elliptical hand polished
Stylus Replacement	Red S808E-ERD	Black S808-7RD	Pink S888VE-ERD	White S888TE-ERD	Blue S888SE-ERD	Yellow S888PE-ERD

888 Series			999 Series	1000 Series
888E	888P	888	999VE	1000ZE
10-30,000 cps	10-28,000 cps	12-25,000 cps	6-35,000 cps	4-40,000 cps
8.0	8.0	8.0	5.0	5.0
more than 30 DB	more than 30 DB	more than 30 DB	more than 30 DB	more than 35 DB
3/4 to 3 grams	3/4 to 3 grams	3/4 to 4 grams	1/2 to 1 1/2 grams	1/4 to 1 1/4 grams
.4x.9 elliptical hand polished	.6 spherical hand polished	.7 spherical hand polished	.2x.7 elliptical hand polished	.2x.7 elliptical hand polished
Green S888E-ERD	Orange S888P-6RD	Brown S888-7RD	Purple S999VE-ERD	Black S1000ZE-ERD

15 degree vertical tracking angle - Exclusive
induced field moving magnet stylus - Fully
compatible for stereo or mono - Replaceable
stylus assembly - Lowest dynamic mass - Out-
standing stereo channel separation - Very low
tracking force required - Low needle talk -
Highest stylus compliance

*Covered by one or more of the following U.S.
patents 2875282, 341194, 3441688, 3356795,
3469040, D206069



EMPIRE'S EXCITING GRENADIER 9500II

Optimum stereo performance combined with functional stereo design. Truly one of the world's greatest speaker systems.

Frequency Response: 20-20,000 Hz \pm 3dB.
Power Handling Capacity: 200 watts RMS.
Two 12 in. woofers, two direct radiator mid-ranges, two ultra-sonic tweeters, coupled by wide range lenses. Three way system, infinite baffle, featuring Empire's Sound Beacon. Ht. 28", Width 30", Depth 20-3/4". Walnut finish.

List price \$319.95

Imported Marble Top \$ 29.95

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EMPIRE'S EXCITING GRENADIER 7500II

Frequency Response 25 to 20,000 Hz
Nominal Impedance 8 ohms
High Power Capacity 100 watts/channel
Three way system: 15 in. woofer, direct radiator mid-range, ultra-sonic domed tweeter. Wide angle dispersion: 360° spread for lows, 160° at high frequencies. Infinite baffle system. Three-position treble response control switch. Features Empire's Sound Beacon.

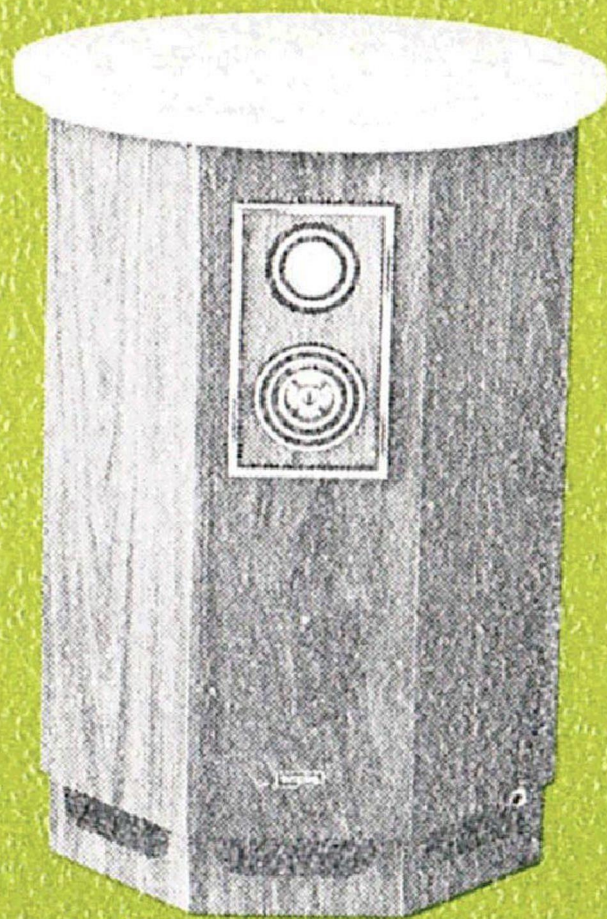
Height 26-3/4 in.

Diameter 20 in.

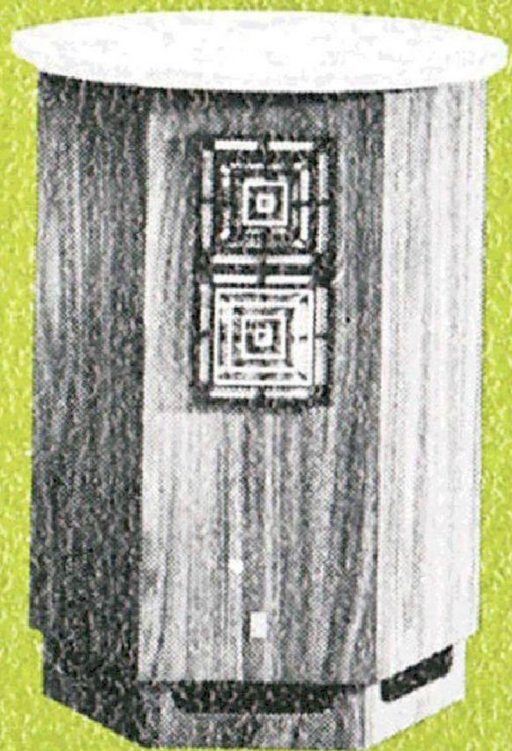
List Price

w/Imported Marble Top \$184.95

w/Walnut Finish Top \$169.95



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Archiv Michael Otto



*© Heim Hersteller
Archiv Michael Otto*

EMPIRE'S GRENADIER MODEL 6000M

3 way System with divergent acoustic lens	10" woofer mid range radiator ultrasonic tweeter
Power Handling Capacity	up to 75 watts per channel
Frequency Response	30-20,000 Hz
Impedance	8 ohms
Diameter	18"
Height	24 3/8"
List Price with Imported Marble Top	\$119.95
with Walnut Finish Top	\$109.95



NEW TROUBADOR 598II

Designed for stereo cartridges that won't wear out your records. Exceeds every broadcast specification for professional playback equipment. Three speeds, Hysteresis Synchronous motor, belt drive, massive flywheel. Lowest rumble of any table tested - 90 dB wow and flutter .01%, floating suspension and record cueing light.

Includes 1000ZE/X cartridge, satin walnut base, and plexiglas dust cover.

List Price

\$349.95

EMPIRE 990II WORLD'S MOST PERFECTLY BALANCED PLAYBACK ARM



Built to last - foolproof adjustments. Sealed instrument ball bearings.
Lowest resonance of any arm - no acoustic feedback. Dyna lift and cueing lever.

A SAMPLING OF FULL-FREQUENCY STEREO RECORDINGS THAT PROVIDE A TRUE TEST OF STEREO-SYSTEM PERFORMANCE.

Classical and Operatic

Bach: Organ Favorites/E. Power Biggs	Columbia	MS-6261
Bizet: Carmen/Price, Corelli, Merrill, Freni; Vienna Philharmonic, Karajan	RCA Victor	LDS-6164
Brahms: Concerto #2 in B Flat Op. 83, Van Cliburn, Reiner, Chicago Sym.	RCA Victor	LSC-2581
Carmina Burana / Phila. Sym. Orch. / Ormandy	Columbia	MS-6163
Dukas: The Sorcerer's Apprentice/Israel Philharmonic, Solti	London	STS-15005
Holst: The Planets/New Philharmonia Orchestra	Angel	36420
Mahler: Symphony No. 1/Boston Symphony, Leinsdorf	RCA Victor	LSC-2642
Mascagni: Cavalleria Rusticana/Tebaldi, Bjoerling	RCA Victor	LSC-6050
Prokofiev: Alexander Nevsky/Chicago Symphony, Reiner	RCA Victor	LSC-2395
Rachmaninoff: Rhapsody on a Theme of Paganini/Op. 43/Boston Pops	RCA Victor	LSC-2678
Schubert: Symphony No. 8 (Unfinished)/ Pittsburgh Symphony, Steinberg	Command (S)	11017
Stravinsky: Firebird Suite/London Symphony, Stokowski	London	SPC 21026
Tchaikovsky: 1812 Overture/ Philadelphia Orchestra, Ormandy	Columbia	MS-6073

On The Lighter Side

For the First Time/Mario Lanza	RCA Victor	LSC-2338
Oliver/Original Broadway Cast	RCA Victor	LSOD-2004
23 Glee Club Favorites/ Robert Shaw Chorale	RCA Victor	LSC-2598
West Side Story/Soundtrack	Columbia	OS-2070
Pops Roundup/Boston Pops, Fiedler	RCA Victor	LSC-2595
That Philadelphia Sound/Philadelphia Orchestra, Ormandy	Columbia	MXZ-786

Jazz, Popular, Vocal and Miscellaneous

Fastest Balalaika in the West/ Sasha Polinoff	Elektra	EKS-7212
The Forty Minute Raga/ Ali Akbar Khan	Connoisseur Society	CS-2008
Great Songs of Love and Faith/ Mahalia Jackson	Columbia	CS-8624
Hail the Conquering Nero/Peter Nero	RCA Victor	LSP-2638
In The Wind/Peter, Paul and Mary	Warner	(S) 1507
The Incredible Carlos Montoya	RCA Victor	LSP-2566
Johnny Puleo and his Harmonica Gang/ Volume 2	Audio Fidelity	5859
Liza Minnelli	A & M	4141
Music from The Good, The Bad and The Ugly/Hugo Montenegro & his Orchestra	RCA Victor	LSP-3927
Non Stop Dancing '66/James Last Band	Polydor	237495
Saxes Mexicano/Claus Ogerman	RCA Victor	LSP-3640
South of the Border/Herb Alpert	A & M	(4) 108
Switched-On Bach	Columbia	MS-7194
Time Out/Dave Brubeck	Columbia	CS-8192
Trombones Unlimited	Liberty	LST-7449
The Wild Bull/Morton Subotnick	Nonesuch	H-71208

Contemporary

Abraxaxs / Santana	Columbia	KC-30130
Blood, Sweat & Tears	Columbia	CS-9720
Creedence Clearwater Revival	Pendulum- Fantasy	8410
Emerson, Lake & Palmer	Cotillion	SD-9040
Gold / Neil Diamond	Universal	73084
Hair / Original Broadway Cast	RCA Victor	LSO-1150
Joe Cocker	A & M	4224
John Barleycorn Must Die / Traffic	United Artist	5504
Let It Be / Beatles	Apple	34001
Parsley Sage Rosemary & Thyme / Simon & Garfunkel	Columbia	CS-9363
Pearl / Janis Joplin	Columbia	KC-30322
Tumbleweed Connection / Elton John	Universal	73096
The Turning Point / John Mayall	Polydor	244004

Warranty covering this piece of equipment is VOID unless this card is returned to Empire Scientific Corp., properly filled out within one week after date of purchase.

MODEL NO. _____

DATE PURCHASED _____

YOUR NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

DEALER'S NAME _____

Empire products are guaranteed against defects in material and workmanship in accordance with standard 90 day warranty.

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Archiv Michael Otto

We'd like your help so that others can enjoy the thrill of stereo.
Would you please take a moment to answer these questions?

1. I first learned of Empire products through: Advertisement,
which publication _____

Referral Dealer Trade Show Other

2. What feature of your Empire product appealed to you most?

3. This unit is being used in:

HOME SYSTEM with:

Turntable

Record Changer

TV STATION

RADIO STATION

AM

FM

RECORDING STATION

4. Please send me your stereo product bulletins.

EMPIRE SCIENTIFIC CORP., 1055 Stewart Avenue, Garden City, N.Y. 11530