

F I D E L I T Y

CHALLENGER[®] SERIES



With Compliments -
JOHN RENALDO
Export Manager

**FIDELITY
INTERNATIONAL, INC.**

13900 N.W. 58 Ct.
MIAMI, FLORIDA 33014
(305) 557-9800 TELEX: 51-5174

Fidelity Challenger Series 1986

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COMPUTER MASTER

The ELITE AVANT GARDE 8.0 earned 2203 provisional rating points to be acclaimed the first microcomputer provisional master after 28 games played at the following Chess Federation Competitions:

U.S. OPEN
Hollywood, FL

U.S. CLASS OPEN
Philadelphia, PA

U.S. COMPUTER OPEN
Mobile, Alabama

GNOMES DISCOVER
AMERICA
New York, NY

ELITE AVANT GARDE (Model 6081)
With the MOBILE MASTER PROGRAM the world's strongest available chess computer. Two built-in clocks in this full-sized nutwood chess board with auto-sensory playing surface.

ELEGANCE "B" (Model 6085)
New software, faster speed with new hand-carved magnetic chess pieces. Inlaid nutwood chess board and auto-sensory playing surface.

SENSORY "12 B" (Model 6086)
New software, faster speed, cartridge capability in this handcrafted nutwood housing with sensory playing surface.

PAR EXCELLENCE (Model 6083)
Our newest star with master program in this portable housing. Fidelity's best buy, running at 5 megahertz with magnetic sensory playing surface.

EXCELLENCE (Model 6082-4.0, Model 6080-3.0)
Available in both three and four megahertz versions. Acclaimed the 1985 best buy by both the U.S. and British Chess Federations. Magnetic sensory playing surface.

CLASSIC (Model 6079)
Portability with features and size of our more advance models. 8 playing levels with up to 1000 hours of battery life. Magnetic sensory playing surface.

GAMBIT (Model 6084)
Another new star with strong program and up to 1000 hours of battery life. It has the "EXCELLENCE" look with the "CLASSIC" price. Magnetic sensory playing surface.

MINI CHESS CHALLENGER (Model 6052)
Small in size, big on playability and it's sensory of course. Replaceable plug-in modules are available to expand capability as your own ability improves.



Model 6081



Model 6085



Model 6083



Model 6082, 6080



Model 6084



Model 6052



Model 2000



Model 7002 VOICE, 7000 NON-VOICE



Model 7014 V

F I D E L I T Y I N T E

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1985 COMPUTER CHAMPION

Fidelity won this award in Mobile, Alabama winning against all commercially available micro-computers and even beating out all competing mainframe computers, earning a United States Chess Federation provisional rating of 2173.



IMP PRINTER (Model 1007)

A continuous printed record of every move in large, easy-to-read type. Shows number of moves, time per move, board position and records in either algebraic or figurine algebraic.



CHECKER CHALLENGER (Model 9004)

Four high levels of thinking ability enable it to respond with its best countermoves -like a skilled human opponent. Solid walnut housing and wood checker pieces.

REVERSI (Model 2000)

Match your skill and strategy against the INTERNATIONAL OTHELLO PROGRAM CHAMPION, 18 different levels of playing difficulty. Magnetic game pieces including AC adaptor, but can be operated with four "C" size batteries.

BRIDGE CHALLENGER II (Model 7002 VOICE, 7000 NON-VOICE)

Available in two versions with or without voice. Plays one, two, three or all four hands. Bids and plays like a human opponent. Optic scanner reads custom-coded playing cards. Solid hardwood housing, two decks of cards and deluxe carrying case.



Model 6086

BRIDGE CHALLENGER III (Model 7014 VOICE, 7015 NON-VOICE)

For the serious player, contains our newest and strongest program in both bidding and playing ability. Available in two versions with or without voice. Solid hardwood housing, two decks of cards and deluxe carrying case.

BRIDGE BIDDER (Model 7004)

If you can play cards and follow suit you can now correctly bid bridge hands with the help of the BRIDGE BIDDER. Enter your dealt hand into BRIDGE BIDDER, it will bid and rebid for you. A great teacher with 100,000 practice deals.



Model 6079

GIN CRIBBAGE (Model 7012)

Follows all rules of Gin Rummy. Select option for Hollywood, Oklahoma or Gin only. Keeps score. Follows all rules of Cribbage, uses approved strategies, keeps score. You may even select "skunk" scoring option. Solid hardwood housing, deck of cards and deluxe carrying case.



Model 1007



Model 9004



Model 7015 NON-VOICE



Model 7004



Model 7012

N A T I O N A L . I N C .

Fidelity Challenger Series 1986

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FIDELITY CHESS REFERENCE CHART

NAME	MINI SENSORY	GAMBIT	CLASSIC	EXCELLENCE 3.0	EXCELLENCE 4.0	PAR EXCELLENCE	SENSORY "12B"	ELEGANCE "B"	ELITE AVANT GARDE
MODEL NO.	6052	6084	6079	6080	6082	6083	6086	6085	6081
ESTIMATED RATING	1200	1500	1500	2000	2100	2200	2000	2050	2200
MICROPROCESSOR	8049	80C50	80C50	6502	6502	6502	6502	6502	6502
MEGAHERTZ SPEED	11	6	6	3	4	5	4	4	5
LEVELS	4	8	8	12	12	12	12	12	15
ROM (BYTES)	2K	4K	4K	16K	16K	32K	20K	20K	28K
RAM (BYTES)	128	256	256	2K	2K	8K	4K	4K	16K
LED DISPLAY	16	16	16	16	16	16	16	64	64
INPUT SYSTEM	Sensory	Sensory	Sensory	Sensory	Sensory	Sensory	Sensory	Auto Sensory	Auto Sensory
BOOK OPENINGS	—	100	100	3000	3000	16000	3000	3000	3000
CARTRIDGES	Yes	—	—	—	—	—	Yes	Yes	Yes
TAKES BACK MOVES (PLY)	—	2	2	22	22	22	256	256	256
CLAIMS DRAWS	—	—	—	Yes	Yes	Yes	Yes	Yes	Yes
THINKS ON OPPONENTS' TIME	—	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DISPLAYS PLY DEPTH	—	—	—	Yes	Yes	Yes	—	—	Yes
PRINTER OUTLET	—	—	—	—	—	—	Yes	Yes	Yes
TRANSFORMER	Optional	Optional	Optional	Optional	Optional	Optional	Required	Required	Required
BATTERY QUANTITY/SIZE	6/AA	4/C	4/C	4/C	4/C	4/C	—	—	—
MAXIMUM BATTERY LIFE HOURS	20	1000	1000	250	250	150	—	—	—
CHESS BOARD: Inches	4 x 4	8 x 8	8 x 8	8 x 8	8 x 8	8 x 8	10 x 10	10 x 10	14 x 14
Centimeters	10 x 10	20 x 20	20 x 20	20 x 20	20 x 20	20 x 20	25 x 25	25 x 25	36 x 36
HOUSING	Plastic	Plastic	Plastic	Plastic	Plastic	Plastic	Nutwood	Nutwood	Nutwood



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CHALLENGER SERIES

RETAIL ACCESSORY & CARTRIDGE PRICE LIST

This Price List Valid as of January 1, 1986

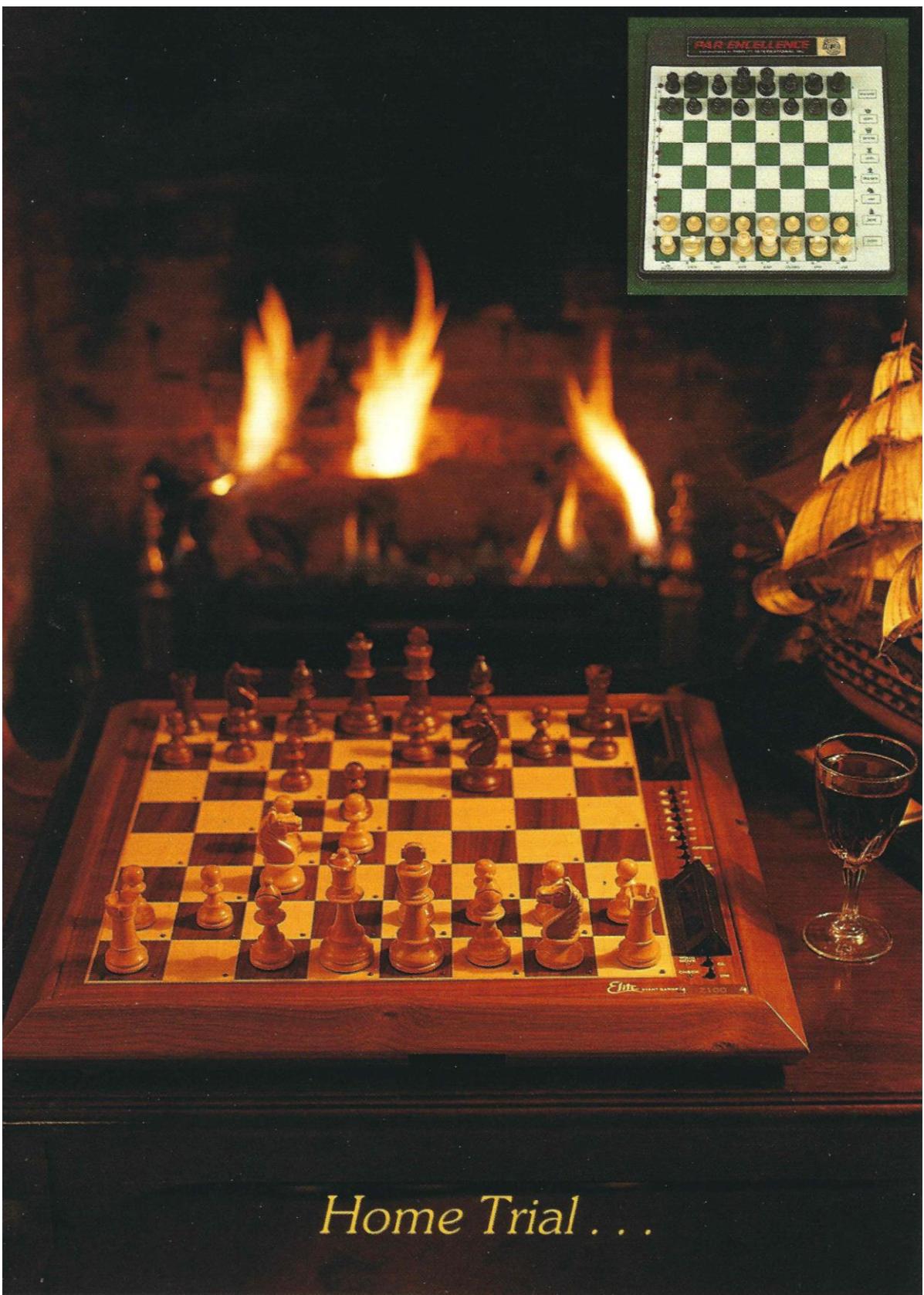
DESCRIPTION	MODEL	PART NUMBER	DESIRED QUANTITY	PRICE EACH
CARTRIDGES FOR MINI SENSORY (MSC)				
ADVANCED CHESS	CAC	6-1055A01		\$ 39.00
BOOK OPENINGS	CBO	6-1058A01		39.00
GREAT GAMES	CGG	6-1059A01		39.00
CARTRIDGES FOR SENSORY "6" (SC6)				
GREAT GAMES	GG6	6-1060A01		\$ 39.00
BOOK OPENINGS	B06	6-1061A01		39.00
ALL OTHER CARTRIDGES (see enclosed sheet re compatibility)				
BOOK OPENINGS I	CB9	6-1056A01		\$ 78.00
BOOK OPENINGS II	CB16	6-1057B01		120.00
64 GREAT GAMES	CG64	6-1071A01		78.00
TARRASCH DEFENSE	TDF	6-1069A01		120.00
CHESS ENCYCLOPEDIA "C"	EOC	6-1070A03		120.00
CHESS ENCYCLOPEDIA "B"	EOB	6-1070A02		120.00
CHESS ENCYCLOPEDIA "D"	EOD	6-1070A04		120.00
CHESS ENCYCLOPEDIA "E"	EOE	6-1070A05		120.00
CHESS ENCYCLOPEDIA "A"	EOA	6-1070A01		120.00
CARTRIDGE ADAPTOR - FOR PRESTIGE	ADP	6-1074A01		25.00
PRINTER				
***IMPACT PRINTER	IFP	1-1007A01		\$ 135.00
ADDITIONAL INSTRUCTION BOOKS				
PRESTIGE, ELITE, ELEGANCE, SEPTENNIAL, SUPER "9", CHAMPION/ELITE UPGRADE, DELUXE SUPER "9", USCF SPECIAL EDITION		SPECIFY MODEL # OF GAME YOU OWN WHEN ORDERING		\$ 5.00
ALL OTHERS - Specify model of your game when ordering				\$ 2.50

***IF YOU OWN A VOICE SENSORY CHESS CHALLENGER, PLEASE SPECIFY WHEN ORDERING THIS ITEM. AS THE VSC USES DIFFERENT INTERNAL CIRCUITRY THAN OTHER PRINTER COMPATIBLE MODELS, THE IFP (NOT FP) MUST BE MODIFIED. THIS MODIFICATION WILL PRECLUDE THE IFP FROM BEING COMPATIBLE WITH OTHER MODELS, HOWEVER.

Prices and terms subject to change without notice.

Fidelity Price List, January 1, 1986

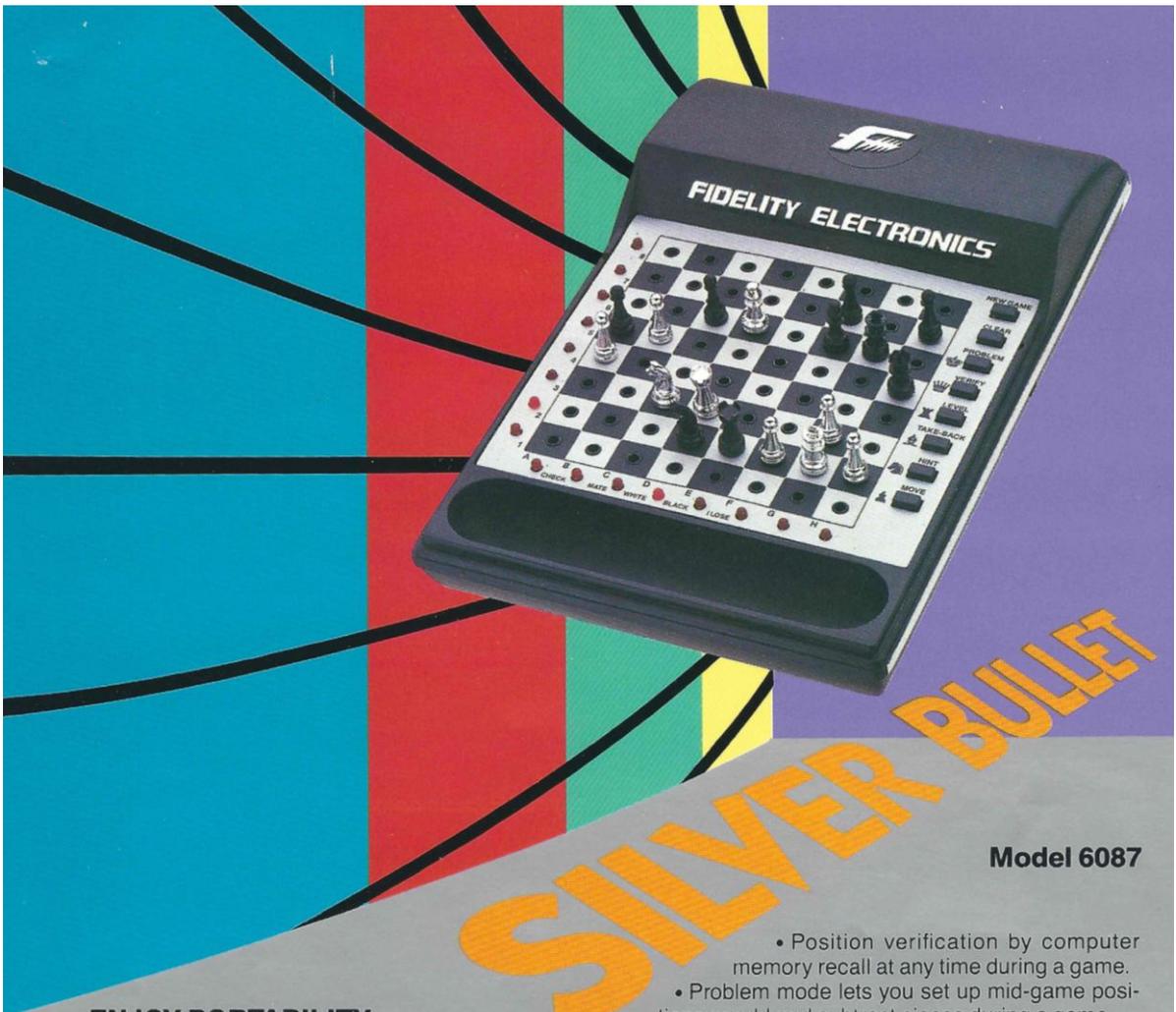
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Home Trial . . .

Fid. Elite Avant Garde & Par Excellence

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SILVER BULLET

Model 6087

ENJOY PORTABILITY WITH FEATURES OF OUR MORE ADVANCED MODELS. BATTERY OPERATED, CHESS CHALLENGER IS READY TO TEST YOUR SKILLS ANYTIME, ANYWHERE

SOFTWARE FEATURES:

- Eight levels of playing difficulty from beginner to advanced.
- Levels changeable during game.
- Random computer responses make almost every game different.
- Take-Back feature allows you to take back 2 half-moves.
- Thinks on opponent's time for faster computer responses.
- Play white or black—change sides any time during a game.
- If available, and when asked, the computer will suggest a move for its opponent.

- Position verification by computer memory recall at any time during a game.
- Problem mode lets you set up mid-game positions or add and subtract pieces during a game.

SOFTWARE SPECIFICATIONS:

80C50 Processor running at 6 megahertz clock speed. Memory capability is 32,000 bits of Read Only Memory (ROM). 256 bits of Random Access Memory (RAM).

HARDWARE FEATURES:

- 4" x 4" sensory playing surface automatically records your moves and illuminates computer's moves.
- Plug-in modular capability.
- Battery life 160-320 hours.
- 16 Light Emitting Devices (LED) indicate moves.
- Beep tone sound automatically to inform you of proper entries and computer moves.

HARDWARE SPECIFICATIONS:

Durable molded housing with dust cover for travel and piece storage. Includes chess pieces and sensory playing surface. Uses 6 "AA" size alkaline batteries (not included). 8½" x 4½" x 1⅞". Optional AC adaptor.



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889-1079A01

Fidelity Silver Bullet

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BROCHURE 1986

PAR EXCELLENCE

**A CERTIFIED 2100 USCF RATING
MAKES THIS PRODUCT BEYOND
COMPARISON IN PRICE/
PERFORMANCE RATIO
—AND IT'S PORTABLE!**



Model 6083

SOFTWARE FEATURES:

It can be your chess tutor.

- Twelve different levels designed to improve your game. Levels 1–5 train you to look ahead by restricting the computer's ability to look ahead in plies (half moves).
 - Level 1—1-ply search only
 - Level 2—2-ply search only
 - Level 3—3-ply search only
 - Level 4—4-ply search only
 - Level 5—5-ply search only
 - Level 6—Computes 60 moves in 5 minutes (average 5 seconds)
 - Level 7—Computes 60 moves in 15 minutes (average 15 seconds)
 - Level 8—Computes 60 moves in 30 minutes (average 30 seconds)
 - Level 9—Computes 60 moves in 1 hour (average 1 minute)
 - Level 10—Computes 30 moves in 1 hour (average 2 minutes)
 - Level 11—Computes 40 moves in 2 hours (average 3 minutes)
 - Level 12—Infinite Mode (average user selectable)

- Special easy mode weakens all skill levels without changing time controls.
- Thinks on the opponent's time for faster responses and stronger play.
- Book openings—over 16,000 positions using over 2,000 lines.
- 64 user-selectable book openings. Instruction book comes with "Guide to the 64 Selectable Openings." Each opening is named, and its moves are written in standard algebraic notation from Ruy Lopez to Grob's Attack, and includes openings by Philidor and Alekhine. The Sicilian, French, Queens Indian, Gruenfeld, Dutch, Kings Indian, Pirc Defense, and many, many others.
- Take-back feature—allows you to take back the entire game.
- Mate-Solving mode.
- Change skill level at any time on your move.
- Change sides at any time on your move.
- Draws and Stalemates—indicates draws in three separate categories and signals which type applies: Stalemate, 50-move rule, opponent's or computer's move or position repeated three times.
- Player Mode—for regular 2-player games, the computer referees legal moves, draws and can even recommend a move when asked.
- Displays depth of ply search.

SOFTWARE SPECIFICATIONS:

65C02 processor running at 5 megahertz. Memory capacity is 256,000 bits of Read Only Memory (ROM). 128,000 bits devoted to book openings and 128,000 bits devoted to the chess program. 64,000 bits of Random Access Memory (RAM).

HARDWARE FEATURES:

- Large 8" x 8" sensory playing surface.
- 16 light emitting diodes (LED), indicate moves. 8 green and 8 red.
- Beep tone sounds automatically to inform you that a move has been made.
- Approximately 100 to 150 hours of battery life.

HARDWARE SPECIFICATIONS:

Durable molded housing with storage compartment for chess pieces. Magnetic chess pieces and surface. Uses 4 "C" size alkaline batteries (not included) or optional AC adaptor. 100% solid state. 11¼" x 10¾" x 1½"



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Fidelity Par Excellence

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