



"We dare you to beat the computer and prove who is the master—YOU, the HUMAN—or any of the CHALLENGER® Series—the electronic opponents."



FIDELITY ELECTRONICS, LTD.
8800 N.W. 36th Street, Miami, Florida 33178
(305) 888-1000



**FIDELITY
CHALLENGER®
SERIES**

CHALLENGER®
computerized games
that challenge YOU!



Quality Made in U.S.A.

Fidelity brochure 1979-1980



**CHESS
CHALLENGER® "7"**

"It's You Against the Computer"

CHESS CHALLENGER® "7" invites chess players to learn, improve and match their skills against a computer's mind. Seven levels of playing difficulty from beginner to expert. An excellent chess game at an **ECONOMICAL PRICE.**

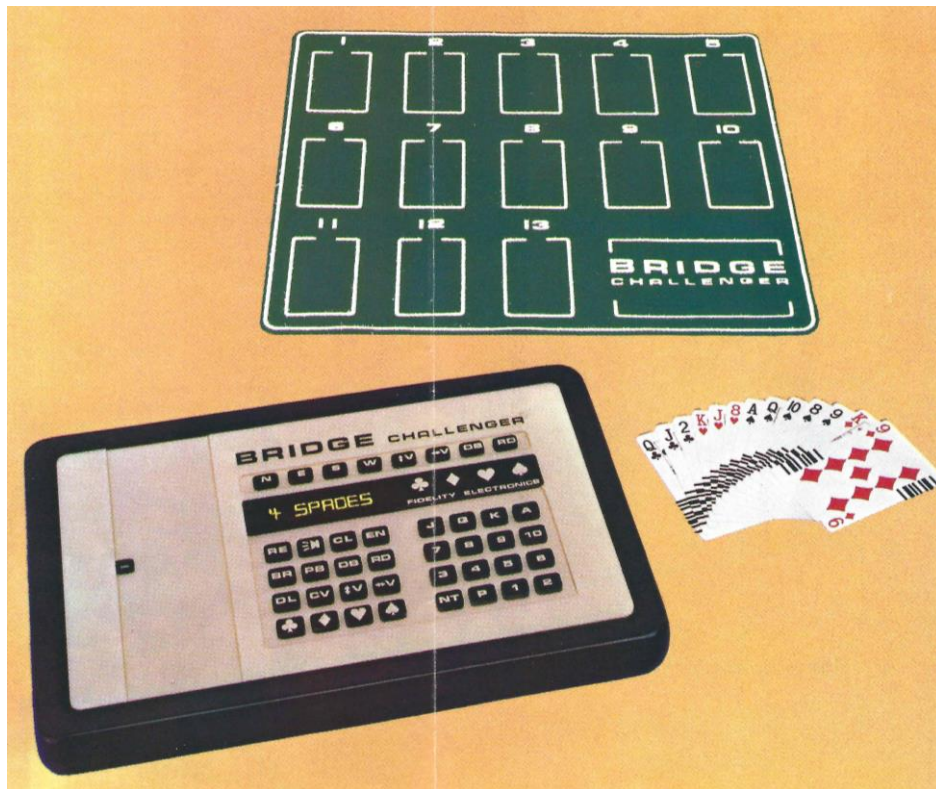
Look at these outstanding features.

- Seven levels of play: Beginner to expert, including "Mate in Two" and "Chess by Mail".
- Levels Changeable During Game: Change from 1 to any level through 7, at any time, on any move.
- Random Computer Responses Vary Every Game.
- Selection of Legal Offense or Defense: Play from the bottom of the board or the top of the board. Choose either black or white.
- Does Not Permit Illegal Moves: Never makes an illegal move according to all the rules of Chess.
- Position Verification by Computer Memory Recall.
- Plays Opening Defenses from Chess Books, i.e. Sicilian, French, Ruy Lopez, Queen's Gambit Declined.
- Analyzes as many as 3,024,000 board positions.

- Audio Feedback: Single tone each time you press a key; Double tone when computer responds.
 - Problem Mode: Establish your own chess positions and watch the computer react.
 - Override Key to Make Multiple Moves: Make two, three, or more moves before the computer responds.
 - Add or Subtract Pieces During Game: Put back the piece you lost by override or take away the computer's Queen for a more even game.
 - Pawn Promotion to Selected Piece: Promote a Pawn to a Queen automatically, or select a Knight or another piece instead.
 - En Passant Capture: The computer captures legally or accepts your legal capture.
 - Plays against YOU; plays against ITSELF!
 - Sides changeable in MID-GAME on any move.
- Numerous other features, including a simulated wood-grained housing, 12-1/8 x 8 x 1 inch high, large 1/2 inch LED display, and Staunton design Chess Pieces, 100% solid state.

Fidelity Chess Challenger 7

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Fidelity Bridge Challenger

BRIDGE CHALLENGER[®]

One of the world's most popular card games is now housed in the mind of a microprocessor. Two computers are in one housing.

Bids the popular point count systems:

- can be your partner (plays one hand)
- can be your opponents (plays two hands)
- it's YOU against the computer (plays all three hands)
- let the computer replay the hand and learn how the computer bids and plays (plays all four hands).

Superb playing ability and these outstanding features:

1. Optic scanner reads custom playing cards.
2. Moving fluorescent display keeps you informed throughout the game, including "rubber" score keeping.
3. During bidding, uses such well known conventions as Stayman, Blackwood, Gerber, Baron, Jacoby Transfer, Preferred Minor, Strong Two Club, Weak One No Trump Openers, etc.
4. Combines the various conventions and modes of play to cover the American Standard, ACOL and various European bidding systems.
5. During the play of the hand, will use popular defensive play, finesse, and squeezes.
6. Rejects illegal bids.
7. Displays Reneges or Revokes.
8. Problem Mode permits entry of selected hands.
9. Audio Feedback — single tone each time a card is optically scanned or a key is pressed.
10. Indicates vulnerability.
11. Indicates dealer.
12. Reviews bidding and last trick.
13. Computer response times are all instantaneous.
14. Uses 168,000 bits of Read Only Memory.
15. Has 8,512 bits of Random Access Memory.

Numerous other features, including a solid hardwood housing, 13-1/8 x 8-1/2 x 1-1/8 inches, three felt playing fields, two decks of custom playing cards, 100% solid state, and a deluxe carrying case.

Fidelity Bridge Challenger

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BACKGAMMON CHALLENGER®

"It's You Against the Computer"



Are YOU good enough to challenge the CHALLENGER® ... and win???

Plays superb backgammon and incorporates these quality features:

1. Allows YOU, the human opponent, to handle the dice.
2. Uses all the strategies of the game of Backgammon, including playing a running game, hit and run, blocking and bear off games.
3. Built-in Doubling feature.
4. Plays Offense or Defense.
5. Random Computer responses vary every game.
6. Position verification by computer memory recall.
7. Does not permit illegal moves. Numerous other features, including a simulated wood-grained housing, 12-1/8 x 8 x 1 inch high, Backgammon pieces, and 100% solid state for years of trouble free use.

Fidelity Backgammon Challenger



CHESS CHALLENGER® "10"

"It's You Against the Computer"

**WINNER OF THE 1978
MICRO COMPUTER TOURNAMENTS**

Deluxe features include:

1. Ten Levels of Play: From beginner to expert, including "Mate in Two" and "Chess by Mail".
 2. Levels Changeable During Game: Change from 1 to any level through 10, at any time, on any move.
 3. Random Computer Responses Vary Every Game.
 4. Selection of Legal Offense or Defense: Play from the bottom of the board or the top of the board. Choose either black or white.
 5. Does Not Permit Illegal Moves: Never makes an illegal move according to all the rules of Chess.
 6. Position Verification by Computer Memory Recall.
 7. Plays Opening Defenses from Chess Books, i.e. Sicilian, French, Ruy Lopez, Queen's Gambit Declined.
 8. Analyzes as many as 3,024,000 board positions.
 9. Audio Feedback: Single tone each time you press a key; Double tone when computer responds.
 10. Problem Mode: Establish your own chess positions and watch the computer react.
 11. Override Key to Make Multiple Moves: Make two, three or more moves before the computer responds.
 12. Add or Subtract Pieces During Game: Put back the piece you lost by override or take away the computer's Queen for a more even game.
 13. Pawn Promotion to Selected Piece: Promote a Pawn to a Queen automatically, or select a Knight or another piece instead.
 14. En Passant Capture: The computer captures legally or accepts your legal capture.
- Numerous other features, including a solid walnut case, 13 x 8 x 1-1/8 inches high, with a deluxe simulated leather and brushed gold foil playing surface; large 1/2 inch LED display; and Staunton design magnetized Chess Pieces, 100% solid state.

Fidelity Chess Challenger 10

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CHECKER CHALLENGER® "4"

"It's You Against the Computer"

Meet CHECKER CHALLENGER® "4" with four levels of playing difficulty. This CHALLENGER® invites you to sharpen your skills, improve your game, and play whenever you want. He is always a willing and most worthy opponent, whether you are a novice checker player or a true aficionado.

CHECKER CHALLENGER® "4", like the other games in the CHALLENGER® Series, incorporates a sophisticated, reliable, decision-making microprocessor as its brain. This computer's high level of thinking ability enables it to respond with its best counter moves — like a skilled human opponent.

If YOU are not careful — the COMPUTER Will Win!!!

Look at these features:

1. Selection of offense or defense.
2. Position verification by computer memory recall.
3. Random computer responses vary every game.
4. Change levels of difficulty before any move.
5. Does not permit illegal moves.
6. Solves checker problems.
7. Is a member of the American Checker Federation.
8. Recalls computer's last move for comparison of response at each level of difficulty.

Numerous other features, including a solid walnut case, 12-1/8 x 8 x 1-1/8 inches high, solid wood checker pieces, and 100% solid state for trouble free use.



CHECKER CHALLENGER® "2"

"It's You Against the Computer"

CHECKER CHALLENGER® "2" incorporates a microprocessor with the thinking power of almost 1,000 scientific calculators. Two levels of playing difficulty to educate the novice and challenge the experienced player. America's most popular board game is now computerized and will provide many hours of enjoyment for the entire family at an unbelievable low price.

Look at these features:

1. Selection of offense or defense.
2. Position verification by computer memory recall.
3. Random computer responses vary every game.
4. Change level of difficulty before any move.
5. Does not permit illegal moves.

Numerous other features, including a simulated wood-grained housing, 12-1/8 x 8 x 1 inch high, solid wood checker pieces, and 100% solid state for years of trouble free use.

Fidelity Checker Challenger 4 Fidelity Checker Challenger 2

VOICE CHESS CHALLENGER®

"The First Thinking Chess Game That Speaks To You"



LEVEL	AVERAGE RESPONSE TIMES
1. Beginner	5 Seconds
2. Intermediate	15 Seconds
3. Experienced	35 Seconds
4. Advanced	1:20 Minutes
5. Superior	2:20 Minutes
6. Tournament Practice	3 Minutes
7. Tournament Teacher	3 Minutes, 20 Seconds
8. Excellent	6 Minutes
9. Expert	11 Minutes
H. Infinite	It computes move until you stop, or search is exhausted, 5 seconds to many hours. You are in control. Will display thinking process including best move for each ply search.

The Strongest Chess Program ever placed in a microprocessor. Approximately twice as fast as previous models, this is the FIRST Thinking Device that after thinking . . . speaks out and talks!!! It is so smart, it is available in either English or German or French or Spanish language.

1. **Large repertoire of chess book openings.**
 - A. 40 book opening variations randomly selected.
 - B. Special feature allows you to select a book opening of your choice.
 - C. Approximately 1200 book opening moves.
 - D. Book openings selectable whether computer plays black or white.
 - E. Computer teaches book openings by displaying your next move to be entered.
 - F. All "book" moves are instant response regardless of level of play.
2. **The Chess Teacher**
 - A. On levels 2, 5, 7, 9, and H, the computer will display best suggested move for you to enter.
 - B. Plays against itself with white usually the winner.
 - C. Never makes or allows an illegal move.
 - D. Teaches end game solutions.
 - E. Book openings teaches opening game.
3. **Your Friendly Speaking Opponent**
 - A. Tells you all of its moves.
 - B. Repeats all of your moves.
 - C. Can be used by the blind, as the game will audibly tell you every move and capture, and will repeat board position on demand.
 - D. Voice feature allows you to tape record game play.
 - E. It even suggests your moves.
4. **An Advanced Computer**
 - A. 128,000 to 160,000 bits of Read only Memory.
 - B. Has over 8,000 bits of Random Access Memory.
 - C. At the conclusion of the game when it loses, the computer displays the number of moves played.

Encompasses all of our other renowned features, including a solid hardwood case, 13-1/8 x 8-1/2 x 1-1/8 inches high, deluxe playing surface with raised keyboard, 1/2 inch LED Display, and Staunton design magnetized Chess Pieces, 100% solid state.

Fidelity Voice Chess Challenger

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