

## Colour Display

The high resolution colour display with Natural V.P.A.M. lets you input and display fractions, square roots and other numeric expressions just as they appear in your textbook.

- 8 x 21 Numbers of letters
- 216 x 384 Pixel
- More than 65.000 colours
- Function Menu
- Backlight

## General Data

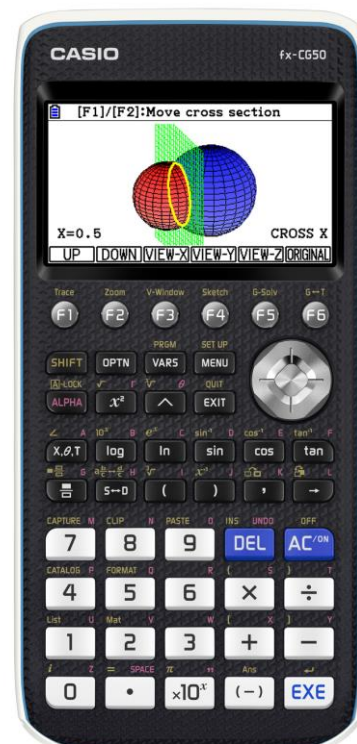
- 61 kB RAM
- 16 MB Flash ROM
- Energy supply: Battery
- Dimension (H x B x T): 188,5 x 89 x 18,6 mm
- Weight: 230g
- EAN-Code: 4549526600807
- Manual language: English/Spanish/German/Portuguese/Dutch/Norwegian/Swedish/Finnish/Italian

### New:

- 3D Graph
- E-CON4
- Improved Catalogue Function

### Functions:

- High resolution display with more than 65.000 colours
- Picture-Plot function
- 7 colours for many applications
- Colour-link functionality for easy understanding
- simple PC-connectivity due to USB-Mass storage
- Natural-V.P.A.M. - Natural Input and output
- Vector calculation
- EQUA mode: -Solve Integral/Probability function
- Ref- and Rref command lines for levels or reduced row level form
- Xc < (Inequality) Graphing in GRAPH Mode
- Probability function in Run Mat Application
- Integral Graphing (in GRAPH mode)
- Unit conversion
- GCD (pgcd) / LCM (ppcm) function
- Pie, Barchart (in STAT and spreadsheet mode)
- Geometry-Add-In preloaded
- Exam mode



## Graphing:

- 3D graph
- Tangent
- Normal
- Inverse Function of a graph
- Rectangular coordinate graph
- Inequality graph
- X=Y graph
- Parametric function / Polar coordinate graph
- Graph memory
- Substitution Expression for Graph Variable
- TABLE feature
  - Table to Graph
- Recursion graph
  - Number of expression
  - Web plot
- Conics function graph
- Conics graphing Application
- Split-Display
  - Graph and Graph
  - Graph and valuetable
  - Graph of a valuetable
  - Graph and valuetable interactively connected

## Basic mathematics:

- Fraction
- Decimal-Fraction
- 1st/2nd derivative (numeric)
- Integration (numeric)
- Max/Min
- Complex function
  - Complex format
  - Complex function
- Matrix
  - Max size of matrix: 255 x 255
  - Number of matrix: 27
  - Determinant
  - Inverse Matrix
- Simultaneous equations(\* numeric \*) (max 6 unknown)
  - Poly. root finder and Siml. equation appli.
  - Simultaneous equation solver application
- Polynomial equation (\* numeric \*) (max 6 order)
  - Polynomial root finder
- Base-n calculation

## Statistic

- Statistic calculations
  - Mean Median Sum
  - Distribution

# FX-CG50

- Mode results
- Regression coefficient
- **Statistic graph**
  - List based Statistics
  - Histogram
  - BOX Plot
  - Modified Box Plot
  - Distribution curve
  - Broken line
  - Scatter plot /xy-line
  - Med-Med line
  - Linear/Quadratic/Cubic/Quart Regression
  - Exp/Log/Power regression
  - Sinusoidal regression
  - Logistic regression
  - Copy of regression expression
  - Trace of regression graph
- **List**
  - Max size of list: 999
  - Number of List: 26 list, 6 file
  - List with complex number
  - Name of list
- **AP Statistic functions**

## Other Specifications

- Physical constant Science tool Application (ADD-in)
- Calculation with ENG Symbols
- Financial calculations
- Geometry (preloaded)
- Spreadsheet
- eActivity
- Program
- History unlimited 255 Bytes
- Catalog
- Clipboard
- Resume
  - Support Language (English/Spanish/German/Portuguese/French)
- Add-in Software System
- Storage area
  - Program
  - Backup
- Communication
  - Unit to Unit (3pin-3pin)
  - Unit to PC (USB)
  - Add-in Communication
  - OS update
- Screen capture
- Direct communication to Casio projectors
- E-CON4 (Communication program for C-Lab, Auto ID sensor recognition)
- Casio logo displays when turn off