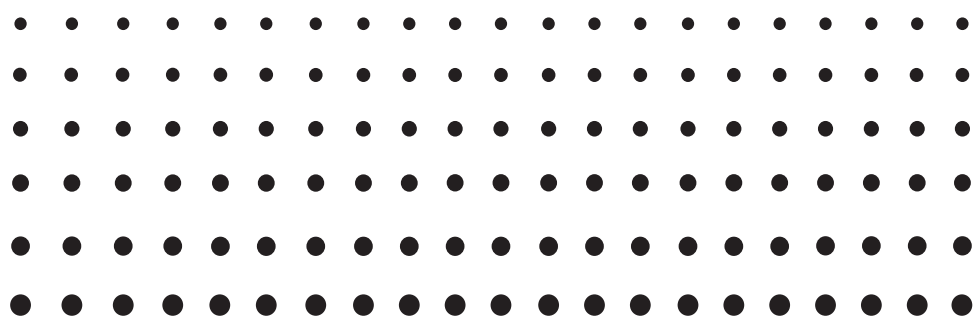


Para la fx-CG500

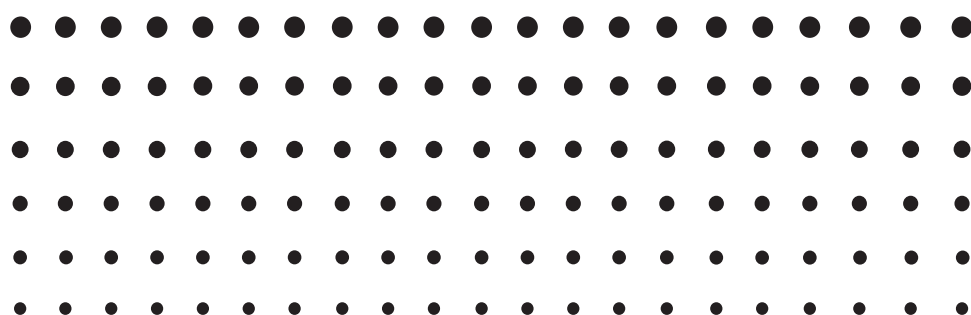
ES



CASIO fx-CG500 App

(para Android, para iOS)

Guía del usuario



URL del sitio web Educativo de CASIO

<https://edu.casio.com>

Los manuales están disponibles en varios idiomas en

<https://world.casio.com/manual/calc/>

CASIO®

Procedimientos iniciales

- Puede usar la fx-CG500 App para desarrollar programas y eActivities usando los mismos comandos que los disponibles en la fx-CG500. Puede almacenar sus programas y eActivities en su dispositivo móvil.
- La fx-CG500 App brinda las siguientes prestaciones.
 - Emulador fx-CG500, que permite realizar las operaciones de la fx-CG500 en su dispositivo móvil
 - Captura de pantalla del emulador fx-CG500 (al portapapeles)
 - Copiado y pegado de datos (texto, valores, expresiones, etc.) entre la fx-CG500 App y otras aplicaciones

Nota

- Para los detalles acerca de la operación en pantalla del emulador de la unidad fx-CG500, consulte la guía del usuario de la fx-CG500.
- Los ejemplos de visualización mostrados en esta guía del usuario son meramente para fines ilustrativos. El texto y los valores que aparecen realmente en la pantalla pueden diferir de los ejemplos mostrados en esta guía del usuario.

Nota

- Para obtener la información más actualizada sobre los requisitos del sistema, visite el siguiente sitio web: <https://edu.casio.com/requirements/app/>
- Android, Gmail y Chrome son marcas comerciales o marcas comerciales registradas de Google LLC.
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Capítulo 1

Descripción general de la fx-CG500 App

La fx-CG500 App le permite disponer de una fx-CG500 virtual en la pantalla del dispositivo móvil, para que pueda realizar casi todas las operaciones disponibles con su fx-CG500. Esta sección explica las diferencias entre las operaciones de la fx-CG500 App y la unidad fx-CG500, y entre los dos modos de la fx-CG500 App.

Diferencias entre la fx-CG500 App y las funciones de las aplicaciones de la fx-CG500

A continuación se describen las diferencias entre la fx-CG500 App y las funciones de las aplicaciones de la fx-CG500.

- Ciertos ajustes y funciones de la fx-CG500 que no se utilizan cuando funciona en un dispositivo móvil (como la calibración del panel táctil), se inhabilitan en la fx-CG500 App. Cuando intente acceder a un ajuste o función inhabilitada, aparecerá el mensaje “Unavailable” en la pantalla.



- La aplicación E-CON3 no es compatible con la fx-CG500 App.

Datos de la fx-CG500 App

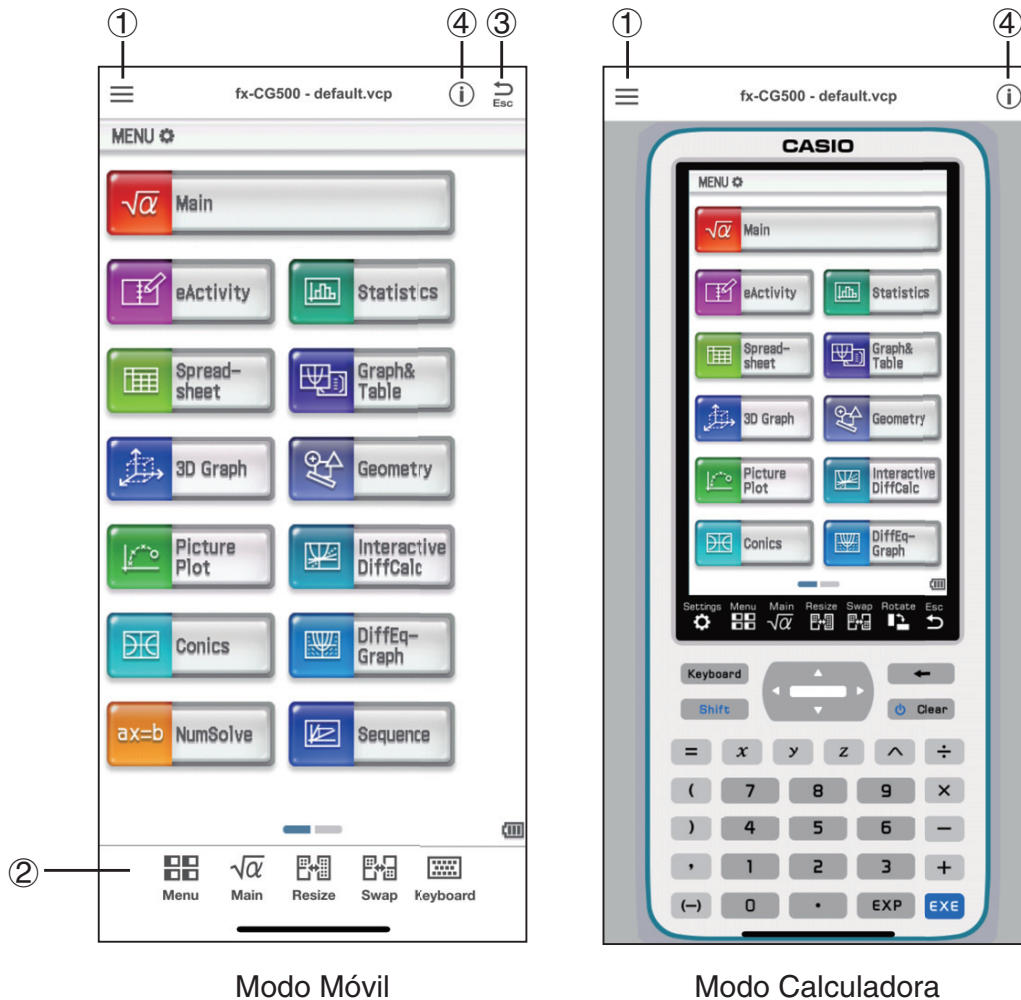
Su fx-CG500 almacena datos de eActivity en un área de memoria, y todos los demás datos (datos de aplicación y variables) en otra área de memoria. Los datos de eActivity se guardan en el “área eActivity”, mientras que los demás datos se guardan en la “memoria principal”. Para más detalles, vea la guía del usuario de la fx-CG500.

La fx-CG500 App guarda ambos tipos de datos en su dispositivo móvil en formatos de archivo de “archivo virtual” (.vcp). Según los ajustes iniciales por defecto, se crea automáticamente un archivo denominado “default.vcp” para que sea utilizado como “Active Document” de la fx-CG500 App.

Modo de visualización de la fx-CG500 App

La fx-CG500 App tiene dos modos de visualización: modo Móvil y modo Calculadora.

- El modo Calculadora muestra una fx-CG500 virtual que tiene casi la misma apariencia que la unidad fx-CG500.




Modo Móvil

Modo Calculadora

① Botón de menú (☰) ... Muestra el menú de cajón.

② Barra de pestañas



Menu, Main, Resize, Swap ... Igual que los siguientes iconos del panel de iconos de la fx-CG500: 



Keyboard ... Alterna mostrar y ocultar un teclado virtual en la parte inferior de la pantalla.

③ Escape button (Esc) ... Igual que el siguiente icono del panel de iconos de la fx-CG500: .


④ Botón de información (i) ... Muestra una pantalla de información.

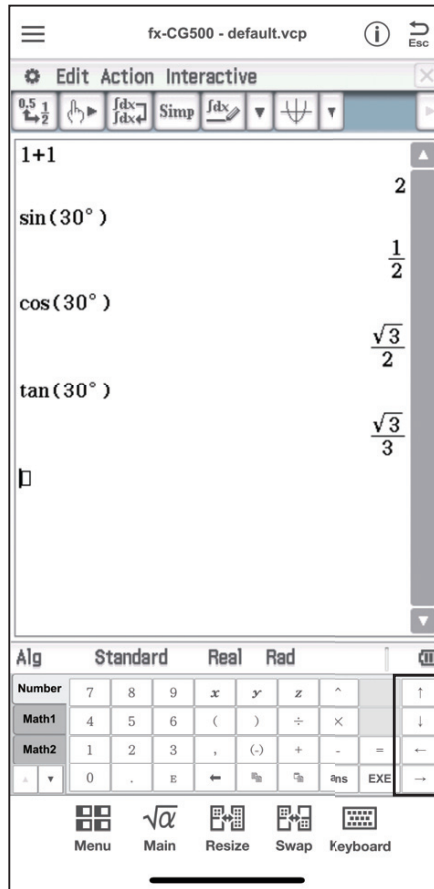
■ Para acceder al modo Móvil o al modo Calculadora

1. Toque ☰ - [Window].

2. Toque [Mobile Mode] o [Calculator Mode].

■ Para utilizar el teclado virtual (solo modo Móvil)

En la barra de pestañas, toque  para visualizar un teclado virtual como el que se muestra a continuación.



Teclas de cursor

- Las teclas de cursor corresponden a las de la fx-CG500.
- Puede cambiar el grupo de teclas actual igual que con el teclado virtual de la fx-CG500.

Number	7	8	9	x	y	z	^		↑
Math1	4	5	6	()	÷	×		↓
Math2	1	2	3	,	(-)	+	-	=	←
▲ ▼	0	.	E	←	→	↵	ans	EXE	→

[Number]

Number	Line	√	π	⇒	log	ln	↑	
Math1	e ^x	ln	x ²	x ⁻¹	ln	ln	↓	
Math2	sin	cos	tan	*	r	ln	←	
▲ ▼	()	←	→	↵	ans	EXE	→

[Math1]

Number	Line	√	π	⇒	i	∞	↑	
Math1	e ^x	ln	ln	ln	ln	ln	↓	
Math2	sin	cos	tan	←	→	↵	←	
▲ ▼	θ	t	←	→	↵	ans	EXE	→

[Math2]

Math3	Line	√	π	⇒	i	∞	↑	
Trig	Defn	f	g	subv	dSlv	'	↓	
Var	<	>	()	()	≤	≥	←	
▲ ▼	≠	∠	←	→	↵	ans	EXE	→

[Math3]

Math3	Line	√	π	⇒	i	∞	↑
Trig	sin	cos	tan	sin ⁻¹	cos ⁻¹	tan ⁻¹	↓
Var	sinh	cosh	tanh	*	r	sinh ⁻¹	←
▲ ▼	e ^x	←	→	↵	ans	EXE	→

[Trig]

Math3	a	b	c	d	e	f	g	h	↑
Trig	i	j	k	l	m	n	o	p	↓
Var	q	r	s	t	u	v	w	CAPS	←
▲ ▼	x	y	z	←	→	↵	ans	EXE	→

[Var]

Catalog	A	B	C	D	E	F	G	H	All	↑
abc	α									↓
Advance	abExpR									←
▲ ▼	abExpReg									→

[Catalog]

←	1	2	3	4	5	6	7	8	9	0	-	↑	abc
Space	a	b	c	d	e	f	g	h	i	j	@	↓	αβγ
EXE	k	l	m	n	o	p	q	r	s	:	:	←	Math
↵	t	u	v	w	x	y	z	,	.	CAPS	→		Symbol

[abc]

Catalog	Line									↑
abc	int	!	nPr	nCr	a _n	b _n	c _n	rSlv		↓
Advance	F ₁	F ₂	F ₃	F ₄	Γ	+1	+2	n		←
▲ ▼	α	β	γ	δ	←	→	↵	ans	EXE	→

[Advance]

Capítulo 2

Operaciones de la fx-CG500 App

Esta sección describe las operaciones que se pueden realizar en las pantallas del modo Móvil y modo Calculadora de la fx-CG500 App.

Copiado y pegado

■ Copiar el texto alfanumérico de la pantalla en el portapapeles

1. En la fx-CG500 App, seleccione el texto que desee copiar.
2. Toque \equiv - [Edit] - [Copy Special] - [Unicode].
 - Esto copiará el texto seleccionado en el paso 1 en el portapapeles (como texto Unicode).
 - Posteriormente, podrá pegar el texto copiado en otra aplicación (como texto Unicode).

■ Pegar el texto del portapapeles en la fx-CG500 App

1. En otras aplicaciones, copie el texto que desea en el portapapeles.
2. En la fx-CG500 App, abra la aplicación de la fx-CG500 en la cual desea pegar el texto del portapapeles.
3. Toque \equiv - [Edit] - [Paste Special].
 - Esto pegará el texto del portapapeles en la fx-CG500 App.

Nota

“Paste Special” detecta qué hay en el portapapeles, y luego lo pega como datos de texto o de MathML.

Podrá usar “Paste Special” para pegar datos de texto o MathML creados por otras aplicaciones.

Advertencia importante

Cuando la fx-CG500 detecta datos MathML en el portapapeles, intentará pegarlos en forma 2D math (forma de entrada natural), sin avisarle. No se garantiza que la forma pegada sea idéntica a la que fue copiada de otras aplicaciones.

Guardar una imagen de una captura de pantalla

■ Para guardar una imagen de una captura de pantalla

1. Visualice la pantalla cuya imagen desea guardar.
2. Toque ≡ - [Edit] - [Capture Screen].

Consejo

- Si desea guardar solo la ventana activa, toque lo siguiente en el paso 2: ≡ - [Edit] - [Capture Current Panel].

Operaciones del archivo vcp (New, Open, Save, Save As, Send)

Esta sección explica cómo realizar las siguientes operaciones del archivo vcp en la fx-CG500 App: New, Open, Save, Save As y Send.

■ Crear un archivo vcp nuevo

1. Toque ≡ - [File] - [New].
2. Teclee el nombre del archivo nuevo en el cuadro "File Name".
3. Toque [Save].
 - Esto creará un archivo vcp nuevo que quedará como documento activo.

■ Abrir un archivo vcp existente

1. Toque ≡ - [File] - [Open].
2. Seleccione el archivo que desea abrir y luego toque [Open].
 - Esto abrirá el archivo seleccionado por usted, que quedará como documento activo.

■ Guardar el archivo vcp actualmente abierto

Toque ≡ - [File] - [Save].

Nota

El documento activo actual será guardado automáticamente cada vez que salga de la fx-CG500 App. La próxima vez que inicie la fx-CG500 App, se abrirá automáticamente el documento activo desplegado durante la última sesión.

■ Guardar el archivo vcp actualmente abierto bajo un nombre diferente

1. Toque ≡ - [File] - [Save As].
2. Teclee el nuevo nombre en el cuadro "File Name".

3. Toque [Save].

- Esto guardará el archivo vcp actualmente abierto bajo un nombre nuevo, y el archivo nuevo quedará como documento activo.

■ Para adjuntar un archivo vcp a un mensaje de correo electrónico

1. Toque ☰ - [File] - [Send].

- Se mostrará el cuadro de diálogo Enviar.

2. Seleccione el archivo que desee enviar y después toque [Open].

- Se iniciará el gestor de correo con el archivo adjunto.

Nota

- Si el dispositivo móvil que recibe el correo electrónico tiene la fx-CG500 App instalada, al abrir el archivo, se iniciará la fx-CG500 App. Sin embargo, esta operación está limitada a los siguientes gestores de correo.

iOS: gestor de correo estándar

Android: Gmail a través de Chrome

Borrando la memoria principal (Reinicialización)

■ Borrar todos los datos, excepto archivos eActivity

1. Toque ☰ - [File] - [Reset].

- Aparecerá un cuadro de diálogo de confirmación con el mensaje “Reset Memory? Are you sure?”.

2. Para borrar la memoria, toque [Yes]. Para cancelar la operación sin borrar nada, toque [No].

Generando datos MathML

La fx-CG500 App puede generar expresiones algebraicas y texto ingresados con la aplicación Principal, la aplicación eActivity u otras aplicaciones, como archivo MathML (.mml). También podrá copiar expresiones algebraicas y texto como datos MathML (contenido, presentación o formato combinado) en el portapapeles.

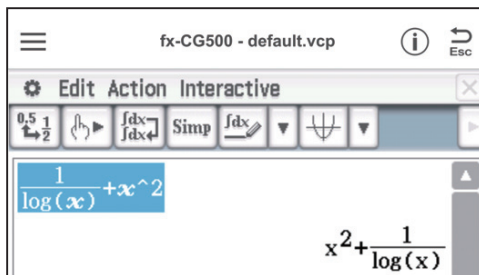
■ Exportar la expresión algebraica seleccionada como un archivo MathML

Ejemplo: Para emitir una expresión algebraica ingresada con la aplicación Principal a un archivo MathML

1. Toque ☰ - [Application] - [Main] para iniciar la aplicación Principal.

2. Introduzca la expresión algebraica que desee añadir al archivo MathML.

3. Seleccione la expresión.



4. Toque \equiv - [File] - [Export MathML].

5. Teclee el nombre del archivo y luego toque [Save].

- La expresión seleccionada en el paso 3 será guardada como un archivo mml.

■ Copiar una expresión algebraica seleccionada como datos MathML al portapapeles

1. Seleccione la expresión que desee copiar.

2. Toque \equiv - [Edit] - [Copy Special] - [MathML].

3. Toque en la opción deseada del menú secundario.

Copiar datos usando este tipo de marcación MathML:	Seleccione esta opción:
Content • La marcación por contenido captura la estructura matemática.	Content
Presentation • La marcación por presentación captura la estructura notacional.	Presentation
Combined • Usos combinados de la marcación por contenido siempre que sea posible. De lo contrario, se usará la marcación por presentación.	Combined

- Para una información más detallada acerca de la marcación por contenido y la marcación por presentación MathML, consulte Internet u otras publicaciones.

Copiando expresiones algebraicas y texto como texto Unicode

Realice el procedimiento descrito a continuación para que el texto o una expresión algebraica seleccionada en la aplicación de la fx-CG500 sea copiada al portapapeles como texto Unicode.

■ Copiar expresiones algebraicas o texto como texto Unicode

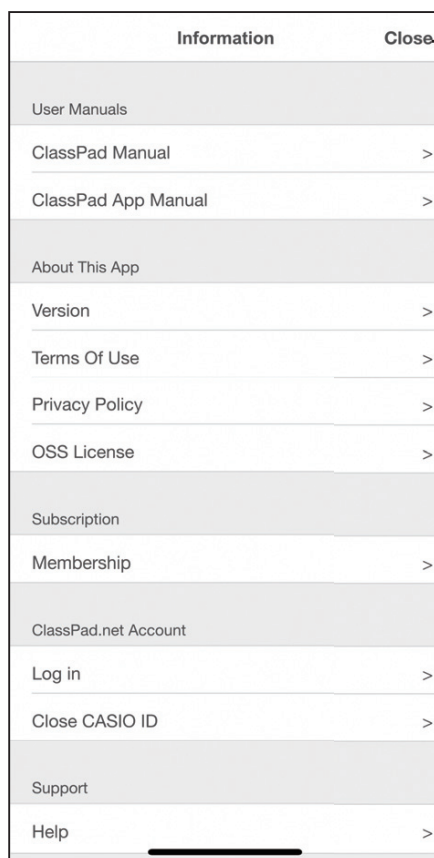
1. Seleccione la expresión o el texto que desee copiar.

2. Toque \equiv - [Edit] - [Copy Special] - [Unicode].

- La expresión o texto seleccionado será copiado al portapapeles como texto Unicode.
- Podrá pegar el texto copiado en cualquier otra aplicación que admita la edición de texto.

Pantalla de información

Al tocar el botón de información (ⓘ), se visualizará una pantalla como la que se muestra a continuación.



Cierra la pantalla de información.

Para ello:	Seleccione:
Manuales de usuario	
Abrir el manual de la fx-CG500	fx-CG500 Manual
Abrir el manual de la fx-CG500 App	fx-CG500 App Manual
Acerca de esta aplicación	
Mostrar la versión de la fx-CG500 App y otra información	Version
Mostrar información sobre las condiciones de uso	Terms of Use
Mostrar información sobre la política de privacidad	Privacy Policy
Mostrar información sobre la licencia OSS	OSS License
Suscripción	
Visualizar la pantalla de suscripción	Membership
Cuenta de ClassPad.net	
Visualizar la pantalla de inicio de sesión	Log in
Visualizar la pantalla Cerrar ID de CASIO	Close CASIO ID
Soporte	
Visualizar las preguntas frecuentes sobre la fx-CG500 App	Help
Iniciar el navegador e ir a la CASIO WorldWide Education Website	CASIO WorldWide Education Website

Información (solo Android)

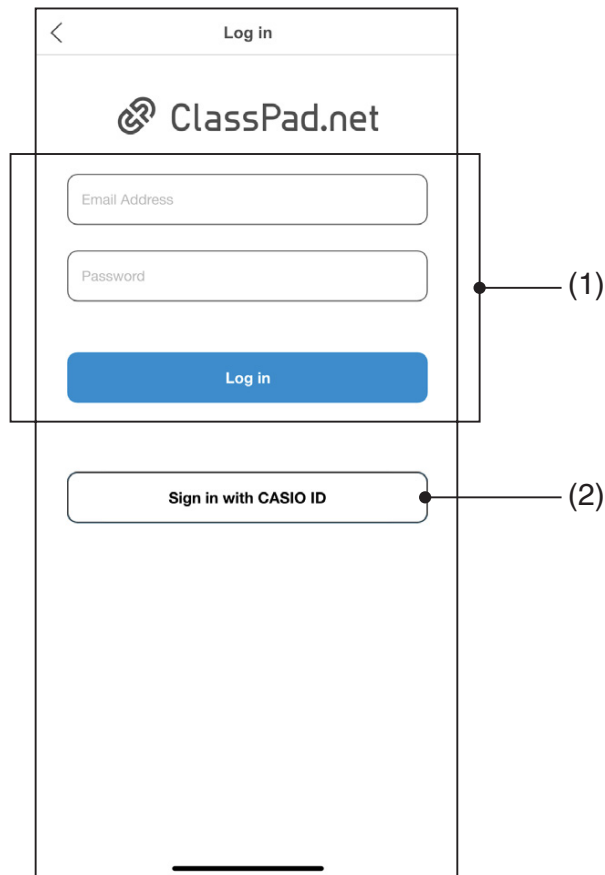
Configurar los ajustes de Google Analytics*

Auto send usage information

* Para iOS, seleccione la aplicación “Ajustes” en la pantalla principal y configure los ajustes “Información de uso del envío automático”.

■ Función de inicio de sesión

Al tocar [Log in], en la pantalla de información se visualizará la pantalla **Log in** como la que se muestra a continuación.



- (1) Tras introducir la versión Math de la información de su cuenta ClassPad.net (correo electrónico y contraseña), toque [Log in]. Esto hará que el estado de suscripción de su fx-CG500 App se aplique a su cuenta de ClassPad.net.
- (2) Al tocar este botón, se visualizará la pantalla **Log In to CASIO ID** (véase la siguiente página). Puede utilizar un ID de CASIO para iniciar sesión en ClassPad.net.
 - Tiene que crear una cuenta ClassPad.net antes de iniciar sesión.
 - Podrá utilizar las funciones de la Licencia ClassPad Math Plus desde la primera vez que inicie sesión en una cuenta ClassPad.net después de suscribirse con fx-CG500 App.

Nota

- Para obtener información sobre la diferencia entre la versión Math de la cuenta ClassPad.net y la cuenta ClassPad.net, visite el sitio web en la siguiente URL:
<https://classpad.net>

Pantalla Log In to CASIO ID

Al tocar [Sign in with CASIO ID] en la pantalla **Log in** se visualizará la pantalla **Log In to CASIO ID** como la que se muestra a continuación.

The image shows a mobile application login screen for CASIO ID. At the top is the CASIO logo. Below it is the title "Log In to CASIO ID". There are two input fields: "Email Address" with the placeholder "example@casio.com" and "Password" with a placeholder "Password" and a toggle icon. Below the password field is a link "Forgot your password?". A black "LOG IN" button is centered below the links. At the bottom of this section is the text "Not a Member Yet? Create an Account". A horizontal line separates this section from the social media login section below. The social media section is titled "Log in with a social media account" and contains three buttons: "Sign in with Apple", "Sign in with Microsoft", and "Sign in with Google". Two callout lines with dots point to the right: callout (3) points to the password field, and callout (4) points to the social media login buttons.

(3) Utilice su ID de CASIO para iniciar sesión en ClassPad.net. También puede crear un ID de CASIO nuevo si no tiene uno.

(4) También puede usar su cuenta SNS existente para iniciar sesión en ClassPad.net.

Comandos de menú de cajón

Para ello:	Seleccione este elemento del menú:			
Crear un nuevo archivo vcp	File	New		
Abrir un archivo vcp existente		Open		
Guardar cambios en el archivo vcp actual		Save		
Guardar el archivo vcp actual con un nombre nuevo		Save As		
Adjuntar un archivo vcp a un mensaje de correo electrónico		Send		
Limpiar memoria principal		Reset		
Exportar las expresiones matemáticas y el texto seleccionados a un archivo mml		Export MathML		
Volver a abrir uno de los cuatro archivos abiertos recientemente		1 <nombre del archivo> 2 <nombre del archivo> 3 <nombre del archivo>		
Copiar la expresión matemática con marcado de contenido seleccionada	Edit	Copy Special	MathML	Content
Copiar la expresión matemática con marcado de presentación seleccionada				Presentation
Copiar la expresión matemática con marcado combinado de contenido y presentación seleccionada				Combined
Copiar el texto seleccionado como Unicode				Unicode
Pegar el texto del portapapeles		Paste Special		
Guardar una captura de pantalla de la pantalla de la fx-CG500 virtual		Capture Screen		
Guardar una captura de pantalla del panel actualmente activo		Capture Current Panel		
Iniciar una aplicación		Applications	Applicable menu item	
Cambiar al modo Calculadora* ¹	Window	Calculator Mode		
Cambiar al modo Móvil* ²		Mobile Mode		

*1 Solo modo Móvil

*2 Solo modo Calculadora

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Cocoa Platform Plugin

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The qtmain Library

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Shift-JIS Text Codec

Shift JIS (Shift Japanese Industrial Standards, also SJIS, MIME name Shift_JIS) is a character encoding for Japanese. It was originally developed by ASCII Corporation in conjunction with Microsoft.

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ISO 2022-JP (JIS) Text Codec

ISO/IEC 2022 is an ISO standard specifying: - a technique for including multiple character sets in a single character encoding system, and - a technique for representing these character sets in both 7 and 8 bit systems using the same encoding.

ISO-2022-JP is a widely used encoding for Japanese.

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qtbase/src/corelib/Qt5CoreMacros.cmake

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March 26, 2015

Pixman (pixman) version 0.17.11

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