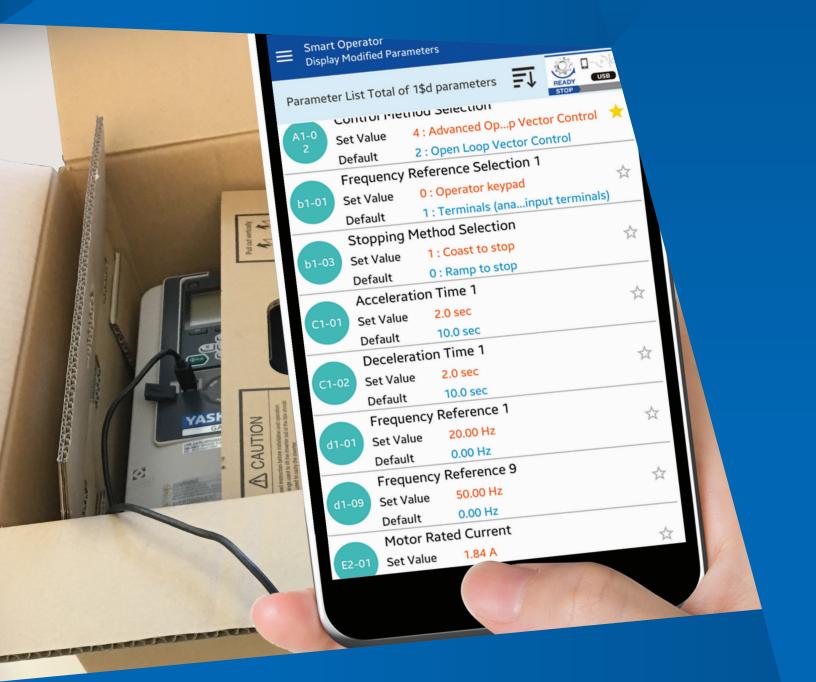


### Drive Wizard® Mobile Get Connected - Quick Reference





Introducing The NEW GA800 AC Drive & DriveWizard® Mobile App

# Get the app. Get your account. Get connected.



#### GET THE APP.

You will need a GooglePlay or Apple App Store account to download the App. Go to https://www.yaskawa.com/dwm or scan this code to install the new DriveWizard<sup>®</sup> Mobile App.



#### GET YOUR ACCOUNT.

Launch the DriveWizard<sup>®</sup> Mobile App and create your personal Yaskawa Drive Cloud<sup>®</sup> account. Select "New Member Registration".



#### GET CONNECTED.

Use these instructions to connect your smartphone or tablet to the GA800 via Bluetooth<sup>1</sup> or USB On-The-Go cable (OTG)<sup>2</sup>.



#### USB-OTG, WIRED CONNECTION (ANDROID DEVICES ONLY):

The drive is equipped with a female Type B Mini-USB port on the front cover. Use a USB-OTG (On-The-Go) cable with a matching smartphone connector. Yaskawa USB cables are listed below.

Tip: For wired connections, the smartphone or tablet provides sufficient power to program the drive; no main power is necessary.



#### FOR BLUETOOTH (WIRELESS):

Use the optional Bluetooth keypad to connect to the GA800 via Bluetooth.

Keypad Catalog Code: JVOP-KPLCC04MBB

Catalog Code	Description	
UWR01516- <b>B</b>	USB Cable, USB Mini-B to USB Micro-B. On-The-Go (OTG) compatible, 2-meter length. Connects the DriveWizard <sup>®</sup> Mobile app on Android smart devices to the GA800 AC Drive.	VFD Smat Device
UWR01516- <b>C</b>	USB Cable, USB Mini-B to USB Type-C. On-The-Go (OTG) compatible, 2-meter length. Connects the DriveWizard <sup>®</sup> Mobile app on Android smart devices to the GA800 AC Drive.	VFD Smart Device Concerning Mini-B Type-C



If you have trouble with DriveWizard<sup>®</sup> Mobile, please tell us. Go to https://www.yaskawa.com/dwmfeedback or scan this code to give us feedback.



# How to Connect

There are two ways DriveWizard® Mobile connects to the GA800



**Wired USB** On-The-Go, a direct USB-to-USB connection.



Wireless Bluetooth, using the optional Bluetooth keypad.



Wired USB On-The-Go\* Connection

#### Connect your USG OTG Cable

Connect your smart device to the GA800 USB port on the GA800 front cover. Launch the DriveWizard® Mobile app.



Smart Operator Tap Smart Operator.



Settings Verify and change DriveWizard Mobile settings



Select USB from the two connection options, then tap Connect.





#### Establish Connection

DriveWizard<sup>®</sup> Mobile will establish a connection with the drive.



#### A4 Allow USB Access

Allow the app to remember your connection method if you choose. Tap OK.



#### Confirm Device

Upon establishing a connection, you must confirm the connection. Tap Yes, to confirm your connection.

Ξ	DriveWizard Mobile	
	Drive Information	
	Connect to the Drive?	
	Product Series GA800	
	Drive Model GA80U2004	
	Drive Name GA800_1W188181700000 Serial Number	
	1W188181700000	
ļ	Software Version 102X	
Ì	Control Mode 2 : Open Loop Vector	
	No Yes	
	Verify and change DriveWizard Mobile	







\* USB On-The-Go (USB OTG allows your mobile device to act as the host when connecting to the drive.



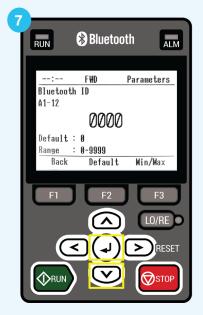
#### Enable Bluetooth on the Bluetooth Keypad

These screens show how to set GA800 parameter A1-12 to enable Bluetooth.



Push Down or Up to select A1-12, then push Enter.





Push the arrow keys to set the Bluetooth ID, then push Enter when done. Set a non-zero value to enable Bluetooth.



Push Down, then push Enter.

RUN	🛞 Bluet	ooth	ALM
:	F₩D	Parame	ters
Applica	tion Preset		0010
A1-06	0	(0)	
DriveWo	rksEZ Funct	ion Selec	tion
A1-07	0	(0)	
Bluetoo	th ID		
<u> 41-12</u>	1235	(0)	
Back	Home		
F1	F2		F3

Push F2 to return to the HOME screen. **IMPORTANT!** An A1-12 setting of "0000" disables Bluetooth.

#### Connect DriveWizard® Mobile to the Drive

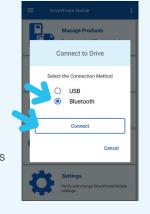
Use Drive Wizard® Mobile and the optional Bluetooth Keypad with your smartphone or tablet to connect with the Yaskawa GA800 AC drive.

	DriveWizar	d Mobile	
10 Smart Operator	P	Manage Products Scan the QR code on the drive front cover to manage your drive with DriveWizard Mobile.	
Launch the DriveWizard <sup>®</sup> Mobile		Help and Product Manuals Information for drive faults, alarms, parameters, and instruction manuals.	
app, Tap Smart Operator.	2-5	Smart Operator Connect to the drive to view drive status, change settings, or opera the drive.	
		Manage Parameters Back up, restore or manage parameter settings for your drive	
		Settings	

Verify and change DriveWizard Mobile settings.

from the two connection options, then tap Connect. Note: This step is

not displayed or required for iOS devices.



### 12

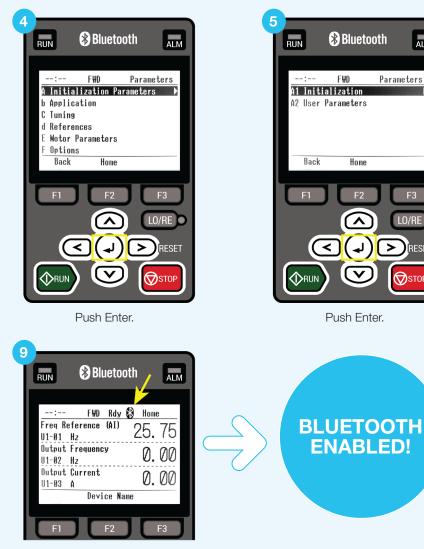
#### **Select Drive** Choose a drive from

the list that matches your drive serial number.

Tip: You can press F2 [Device Name]

on the keypad to get the drive serial/Device Name.

۵ GA800_1W188181700000 00:20:85:04:18:1D No Name 32:0F:CF:06:27:E4 No Name No Name (۲) No Name (۲) No Name (۲)	← Bluetooth Bluetooth Setting	
۵۵.20:85:04:18:1D ۲۷ No Name (۲۷) 32:0F:CF:D6:27:E4 ۲۰ No Name (۲۷) 39:CB:14:26:33:ED ۲۰ No Name (۲۹)	٢	
No Name (γ)   32:0F:CF:D6:27:E4 (γ)   No Name (γ)   39:CB:14:26:33:ED ((γ)   No Name ((γ)	GA800_1W188181700000	((•))
32:0F:/CF:D6:27:E4 (۴۹)   No Name (۴۹)   39:CB:14:26:33:ED (۴۹)   No Name (۴۹)	00:20:B5:04:18:1D	
32:0F:CF:D6:27:E4 ۱   No Name ((٩))   39:CB:14:26:33:ED ((٩))   No Name ((٩))	No Name	((⊕))
39:CB:14:26:33:ED No Name	32:0F:CF:D6:27:E4	«I»
39:CB:14:26:33:ED No Name ((p))	No Name	((⊕))
((*))	39:CB:14:26:33:ED	
	No Name	((⊕))
11.10.94.39.14.94	1F:16:94:39:14:94	



WAIT 60 seconds or unplug and reconnect the keypad to immediately broadcast Bluetooth. The Bluetooth icon indicates Bluetooth is ON.



ALM

Parameters

LO/RE

>)RESET

STOR

Home



#### **Bluetooth ID**

A Bluetooth ID is required to complete the connection process. Enter the Bluetooth ID from Step 7, then tap OK.



13 **Establish** Connection **DriveWizard®** Mobile will connect to the drive via

Bluetooth.



#### 14 **Confirm Drive**

Tap Yes to confirm the Bluetooth connection.







Yaskawa is the leading global manufacturer of low and medium voltage variable frequency drives, servo systems, machine controllers and industrial robots. Our standard products, as well as tailor-made solutions, are well known and have a high reputation for outstanding quality and reliability.

Yaskawa America, Inc. Drives & Motion Division yaskawa.com

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