

BlueGuardVK

BLUETOOTH® VIRTUAL KEYPAD CONTROL

Applications

BlueGuard® Model BG-VK is an easy to program and use virtual keypad control system that uses your Bluetooth® enabled cell phone and a user programmable unique PIN code to provide secure keyless control. Nothing more to buy, program, lose or carry with the BlueGuard® VK.

An unlimited number of users with the code you provide and may be easily changed at any time.

Weather tight PVC housing may be used indoors or out with multiple mounting options.

With the BlueGuard® your cell phone is the key to unlock a safe secure control for operation or access using secure Bluetooth technology at distances up to 33 feet.

BLUEGUARD®



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Indicators & Controls

- **Indicators** Blue status LED
- **Controls** Secure, magnetic switch requires magnetic placement in correct location to activate programming mode for pairing with Bluetooth® devices.



Accessories



BlueGuard® installed on 3 button station



BlueGuard® installed on U-BOX (optional)



BlueGuard® installed on a gate operator



Magnet for programming

Technical Data

Radio Inputs	BLUETOOTH® Class 2 (up to 10 meter, 33 foot range) ARM input, allows managed access control only during designated times. Connect ARM to ARM common to deactivate BlueGuard™ output. Disconnect ARM to ARM common to activate BlueGuard™ output.
Outputs Connections (4 FT Cable)	Form "C" relay (Contacts: normally open, common, normally closed) 2A @ 30VDC 0.5A @ 120VAC Power (positive and negative) (Red + Black -) • Relay normally closed contact (White) Relay common contact (Green) • Relay normally open contact (Brown) • ARM input (Orange) ARM common (Yellow) • Not Used (Blue)
Power Operating Temperature	12 – 30 VDC and 24 VAC @ 40mA (reverse polarity protected) -40°C ... 82°C (-40°F... 180°F)
Non-Volatile Memory	User assigned unique PIN code.
Housing Dimensions	Sealed, PVC with 4 foot cable output 1.05" x 7.1" (26.6mm x 180.34mm)
Weight Note	0.15 lbs (68g) Some phones do not allow simultaneous BLUETOOTH® connections, therefore, may not respond to BlueGuard® when the phone is paired with a wireless headset or other BLUETOOTH® device. Refer to your phone's owner's manual for further information.

Ordering Information

- BG-VK BlueGuard Virtual Keypad Control Module (includes BG-A-KIT)
- U-BOX Weather tight wiring box with cover (optional)
- BG-A-KIT Accessory Kit (includes magnet, 2 locknuts and 90° elbow.

WARRANTY EMX INC. the product described herein for a period of 2 years under normal use and service from the date of sale to our customer. The product will be free from defects in material and workmanship. This warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products, or damage caused by the purchaser from incorrect connections, or lightning damage. There is no warranty of merchantability. There are no warranties expressed, implied or any affirmation of fact or representation which extend beyond the description set forth herein. EMX Inc. sole responsibility and liability, and purchaser's exclusive remedy shall be limited to the repair or replacement at EMX's option of a part or parts not so conforming to the warranty. In no event shall EMX Inc. be liable for damages of any nature, including incidental or consequential damages, including but, not limited to any damages resulting from non-conformity defect in material or workmanship. Rev 2.1 07/09/08