Max Cloud App

Max Cell Hub

Max Operator

Max Keypad

Max Keypad

MAX Keypad

Max Cell Hub

Max Operator

Max Keypad requires a Max Cell Hub.
Both work exclusively with Max Gate Operators

MAX Keypad

ENCLOSURE
Tamper resistant zinc die-cast front door

LCD DISPLAY
Sunlight readable display (for greeting, help and other messages)

SIDE LEDs
For goose neck nighttime visibility

HELP BUTTON
To display help messages & play audio messages

CALL 949 753-2378
on your phone

KEY LOCK
Vandal proof

LIGHT SENSOR
For solar power management

SPEAKERS
For audio messages

KEYPAD
Back lit & vandal proof

CALL button for visitors
Displays phone # for visitor to call using their own phone

RS-485 COMM PORT
· To connect to Max Cell Hub

POWER IN: 12 VDC / VAC

STATUS LEDs
· Each port has indicator LEDs for easy troubleshooting

WIEGAND PORT
· To support 26-bit card readers, radio receivers & RFID transponders
· Program cards/keyfob, radio transmitters & transponder tags via Max Cloud App and assign optional time restrictions
· Track wiegand device activity in event log

REQUEST TO EXIT (RTE) PORT
· Supports exit switch request on pedestrian gates

RELAY PORT
· Control access point with dedicated relay

LCD CONTRAST
for display contrast adjustment

ACCESS PT
Rotary switch to select access point #

PEDESTRIAN DOOR

MAX KEYPAD

Call 949-000-000
on your phone

7	8	9
4	5	6
1	2	3
☎	0	📞

ONLINE

COMM LINK

CELL LINK

POWER

MAXIMUM **MAX** CONTROLS

MAX CELL HUB

RS485
(−) (+) GND

5V

MAX OPERATOR

2 Wiring Hub to Keypad

Connect RS-485 port of Max Cell Hub to RS-485 port of Max Keypad
(+) to (+)
(−) to (−)
GND to GND

GND
(-) (+)

1 Wiring Power Input

Connect 12VDC, 1A power transformer to *Power Input* port of Max Keypad (polarity does NOT matter)

(-)   (+)
GND

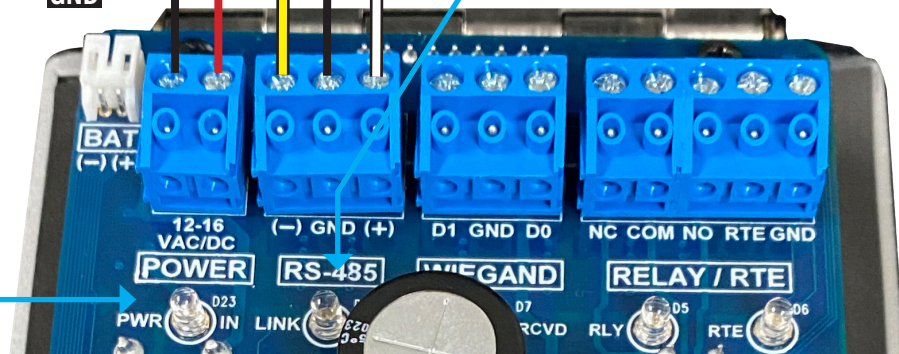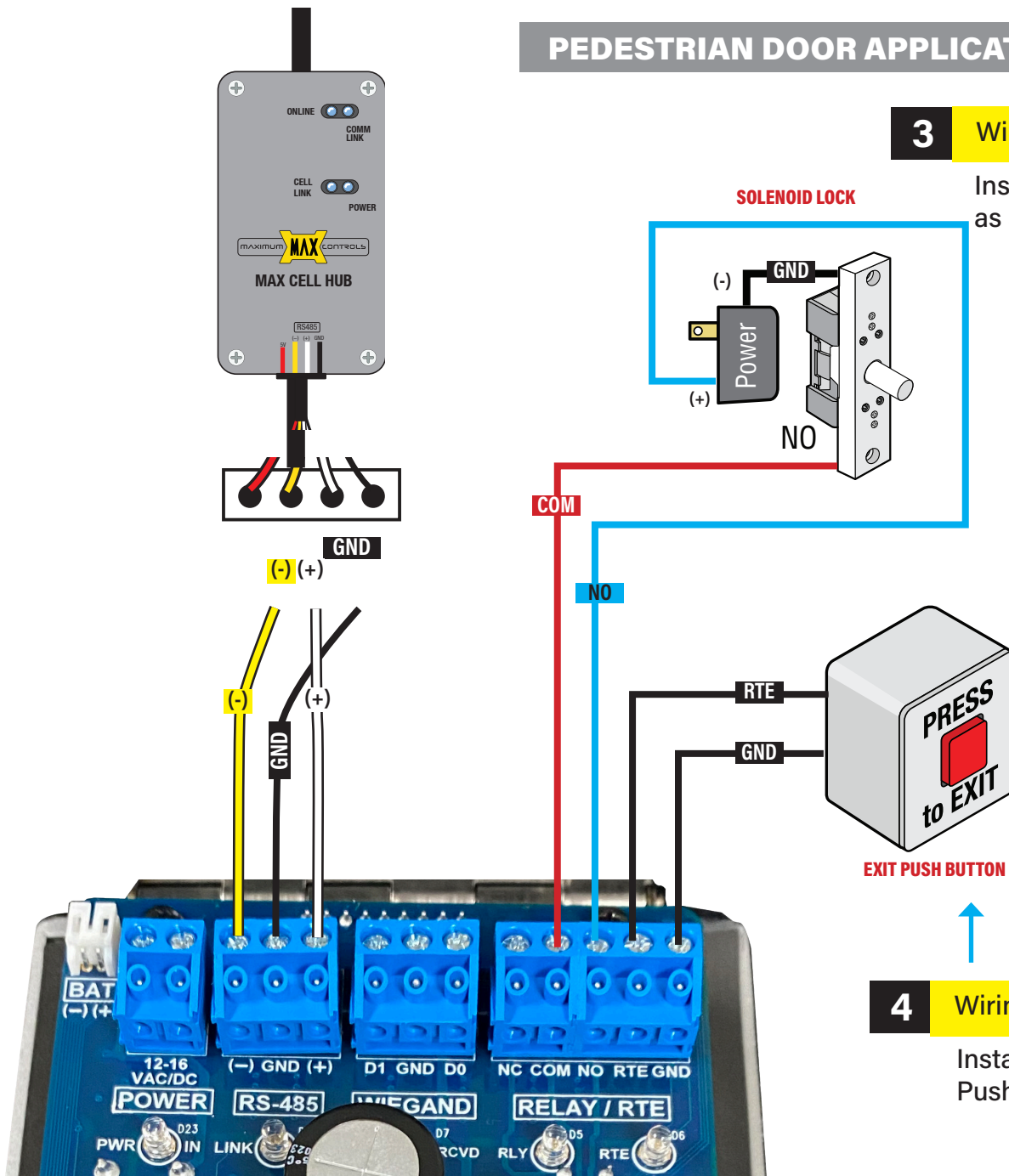Verify RS-485 LED turns ON otherwise revise your wiring

MAX KEYPAD

+12V

GND

BAT
(−) (+)

12-16
VAC/DC
POWER

(−) GND (+)
RS-485

D1 GND D0
WIEGAND

NC COM NO RTE GND
RELAY / RTE

PWR   D23 IN   LINK   D23   RCVD D7   RLY D5   RTE D6

Verify POWER LED is ON

4

ONLINE
COMM LINK
CELL LINK
POWER

MAXIMUM **MAX** CONTROLS

MAX CELL HUB

RS485

GND

(-) (+)

(-) (+)

GND

BAT (-) (+)

12-16 VAC/DC
POWER

RS-485

(-) GND (+)

WIEGAND

D1 GND D0

RELAY / RTE

NC COM NO RTE GND

PWR IN   LINK   RCVD   RLY   RTE

3 Wiring Solenoid Lock

Install Solenoid Lock as shown below

SOLENOID LOCK

(-) GND

Power

(+)

NO

COM

NO

RTE

GND

PRESS to EXIT

EXIT PUSH BUTTON

4 Wiring Exit Push Button

Install request to Exit Push Button as shown

5 Select "Access PT#" using rotary switch

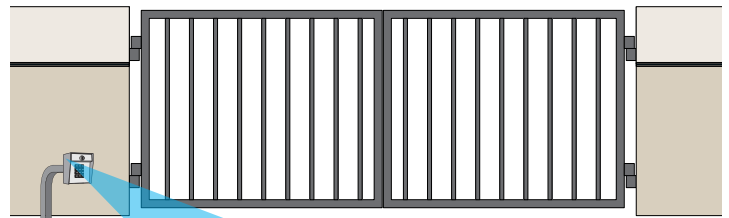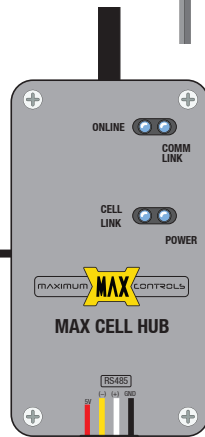Select #1-14: to open gate using *Keypad relay*

CHANNEL

LINK OK
ONLINE
SW2 RF
(0-7)

LCD CONTRAST
VR1

LIGHT SNSR

ACCESS PT
SW1
(0-15)

PROGRAM

ACCESS PT
SW1
(0-15)
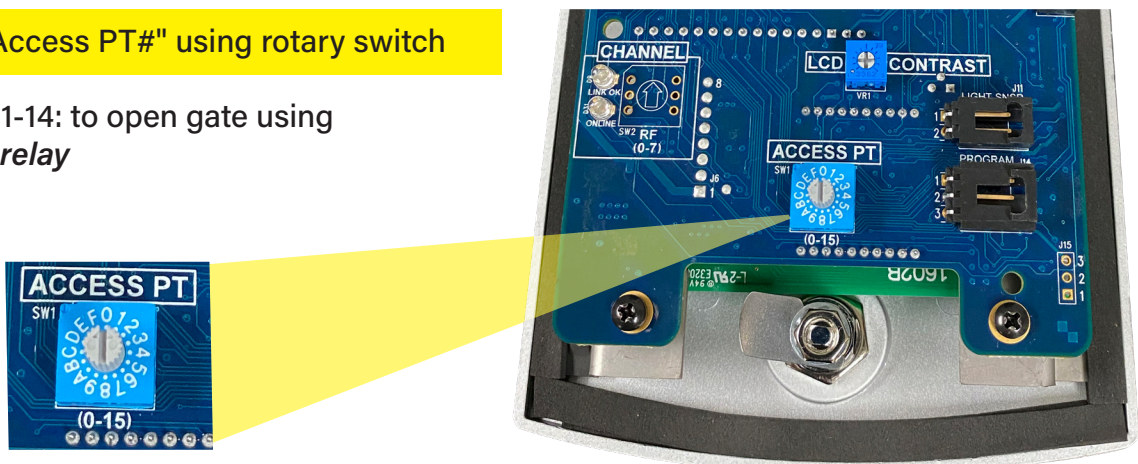
ENTRY GATE APPLICATION USING MAX KEYPAD

ENTRY GATE

MAX OPERATOR

ONLINE
COMM LINK
CELL LINK
POWER

MAXIMUM **MAX** CONTROLS

MAX CELL HUB

RS485

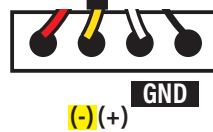CALL 949 783-2278
On your iPhone

MAX KEYPAD

4 Wiring Wiegand Device

Install wiegand device as shown

1 Wiring Hub to Keypad

Connect RS-485 port of Max Cell Hub to RS-485 port of Max Keypad
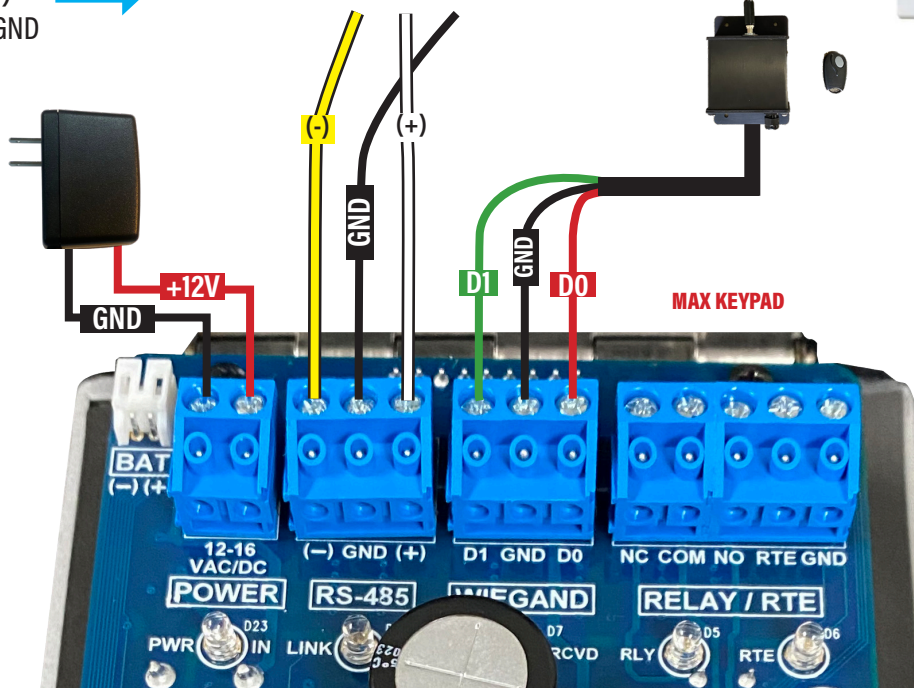(+) to (+)
(-) to (-)
GND to GND

GND

(-) (+)

Transponder

Wiegand Receiver

OR

(-)   (+)

GND

D1   GND   D0

2 Wiring Power Input

Connect 12VDC, 1A power transformer to *Power Input* port of Max Keypad
(polarity does NOT matter)

+12V

GND

MAX KEYPAD

BAT
(−) (+)

12-16
VAC/DC
POWER

(−) GND (+)
RS-485

D1 GND D0
WIEGAND

NC COM NO RTE GND
RELAY / RTE

PWR   IN   D23   LINK   RCVD   RLY   D5   RTE   D6
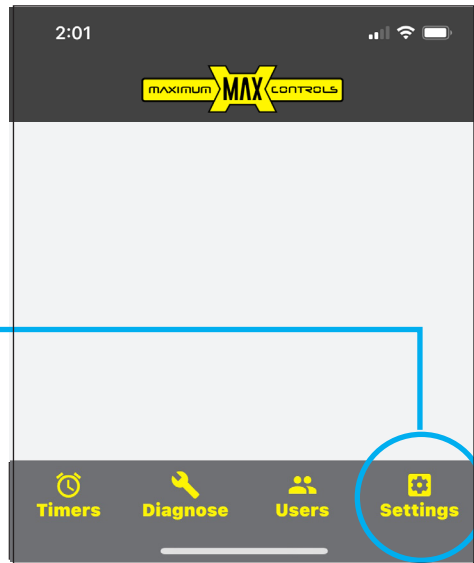
3 Select "Access PT#" using rotary switch

Select #0: to open gate via *Cell Hub*
(note: keypad relay NOT activated)

Select #15: to open gate via *Cell Hub*
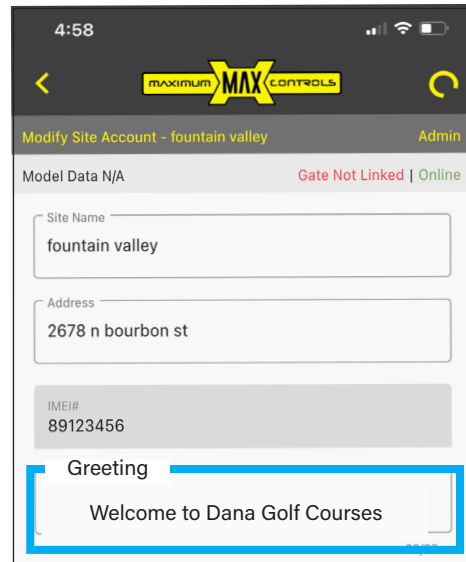(note: keypad relay is also activated)

ACCESS PT
SW1
(0-15)

CHANNEL
LCD   CONTRAST
ACCESS PT
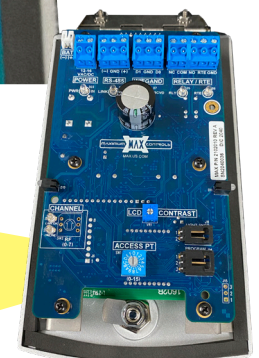
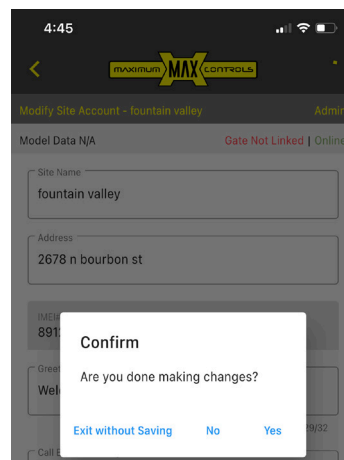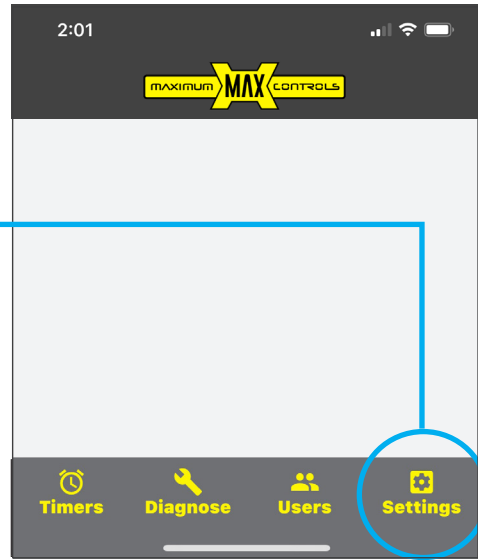**1** Press *Settings* icon in the main menu

2 Setup greeting message

Go to the *GREETING* area and type the message you want to display for your visitors. Limited to 32 characters.

3 Press the *back button* [**<**] on the top left of the screen to confirm changes
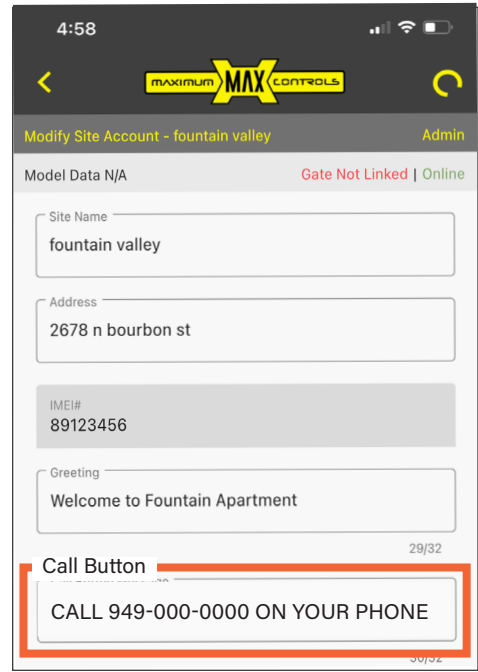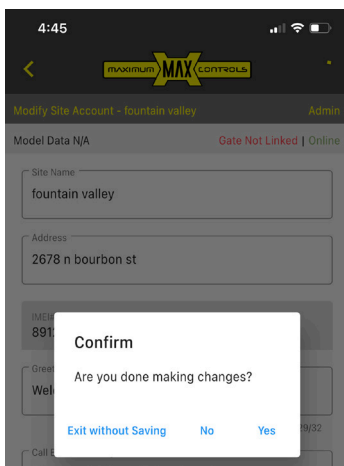
1 Press *Settings* icon in the main menu

2 Setup Call Button

Go to the *Call Button* area and type the message that may instruct the visitor to call a specific phone number (i.e. facility manager or home owner) using their personal cell phone. **Example** *CALL* button message: "*CALL (949) 000-0000 on your phone*".
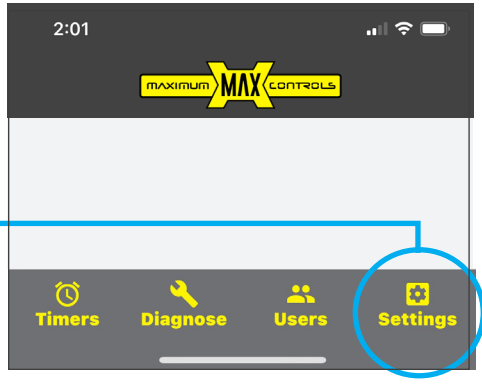
CALL 949-000-0000 ON YOUR PHONE

CALL Button

3 Press the *back button* [<] on the top left of the screen to confirm changes

2:01

Timers   Diagnose   Users   **Settings**

4:58

Modify Site Account – fountain valley   Admin

Model Data N/A   Gate Not Linked | Online

Site Name
fountain valley

Address
2678 n bourbon st

IMEI#
89123456

Greeting
Welcome to Fountain Apartment
29/32

Call Button
CALL 949-000-0000 ON YOUR PHONE

4:45

Modify Site Account – fountain valley   Admin

Model Data N/A   Gate Not Linked | Online

Site Name
fountain valley

Address
2678 n bourbon st

891

Confirm

Are you done making changes?

Wel

Exit without Saving   No   Yes

1 Press *Settings* icon in the main menu

2:01
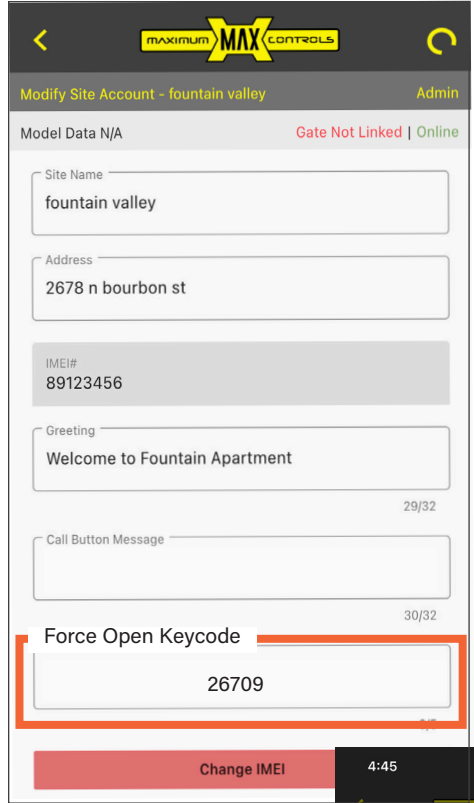
Timers Diagnose Users **Settings**
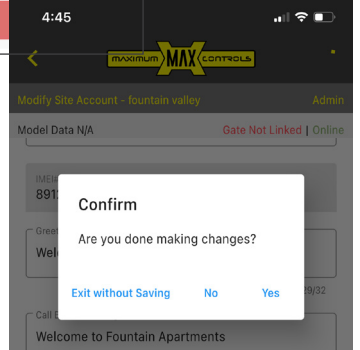
Only one force open keycode can be programmed per gate site

Force open a problematic gate using this special keycode on Max keypad. This will Jog the gate open by overriding the UL sensors of Max operator

Modify Site Account - fountain valley   Admin

Model Data N/A   Gate Not Linked | Online

Site Name
fountain valley

Address
2678 n bourbon st

IMEI#
89123456

Greeting
Welcome to Fountain Apartment
29/32

Call Button Message
30/32

Force Open Keycode
26709

Change IMEI

2 Setup Force Open Keycode

Go to the *Force Open Keycode* area and type the code of your choice, limited to 5 numeric characters

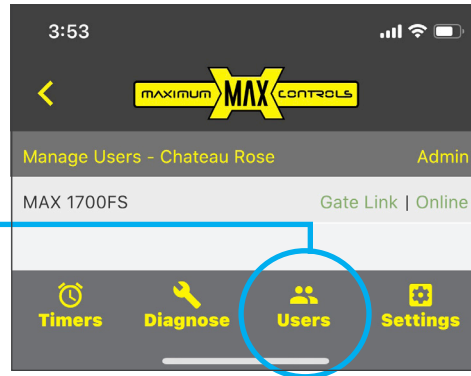**3** Press the *back button* [<] on the top left of the screen to confirm changes

4:45

Modify Site Account - fountain valley   Admin

Model Data N/A   Gate Not Linked | Online

IMEI
891

Confirm

Are you done making changes?

Exit without Saving   No   Yes

Welcome to Fountain Apartments
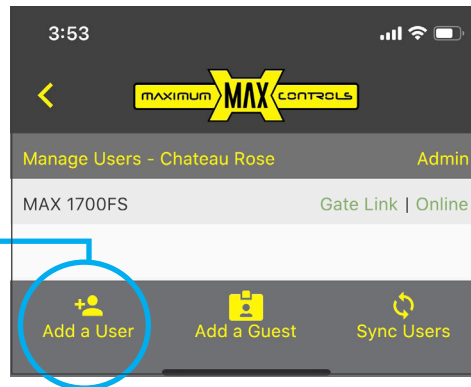
4 Force Open Mode

Force Open Mode
Press/Hold 0 Key

a. Enter your force open keycode on keypad. Keypad will then enter force open mode.
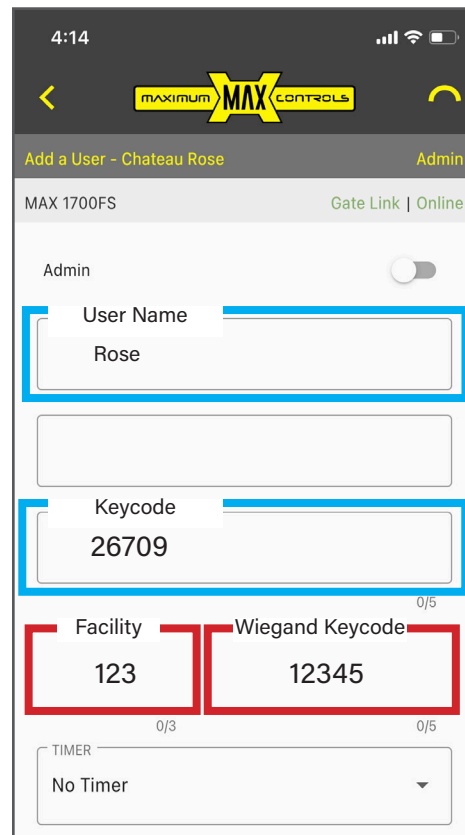b. Press and hold 0 key on keypad to jog gate to open position (overriding UL sensors).

7 8 9
4 5 6
1 2 3
0

9

1 Press *Users* icon in the main menu

3:53

Manage Users - Chateau Rose   Admin

MAX 1700FS   Gate Link | Online

Timers   Diagnose   **Users**   Settings

2 Then Press *Add a User* in the following menu

3:53

Manage Users - Chateau Rose   Admin

MAX 1700FS   Gate Link | Online

Add a User   Add a Guest   Sync Users

4:14

Add a User - Chateau Rose   Admin

MAX 1700FS   Gate Link | Online

Admin

3 Enter *Name* of your visitor, then assign a *5 digit keycode*

User Name
Rose

Keycode
26709
0/5

4 Program Wiegand Keycode

If a Wiegand device is wired to keypad wiegand port then enter *Facility and Wiegand Keycode for the transmitter, keyfob or tag*

Facility   Wiegand Keycode
123   12345
0/3   0/5

TIMER
No Timer

5 Assign a timer (OPTIONAL)

Choose one of six timer schedules

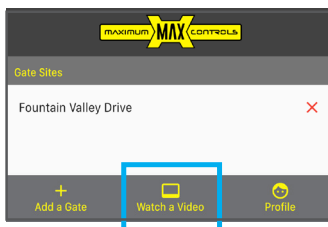These time restrictions apply to both keycode and Wiegand keycode

If you choose No Timer Keycode has no time restriction
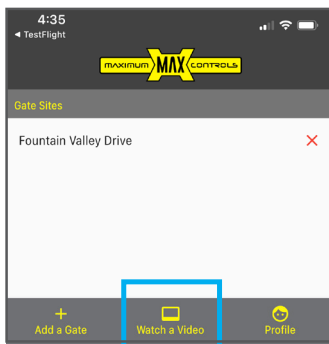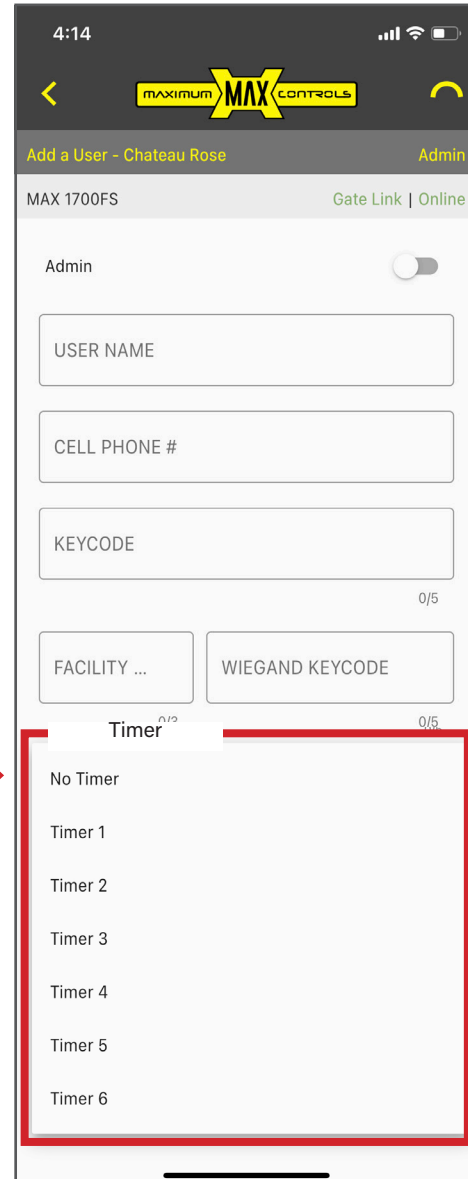
Watch video tutorials from Max Cloud App, just go to the home screen

Applying restrictive time period to keycodes improves the security to your gate site

6 Press the **back button** [**<**] on the top left of the screen to confirm create a user

Watch video tutorials from Max Cloud App, just go to the home screen
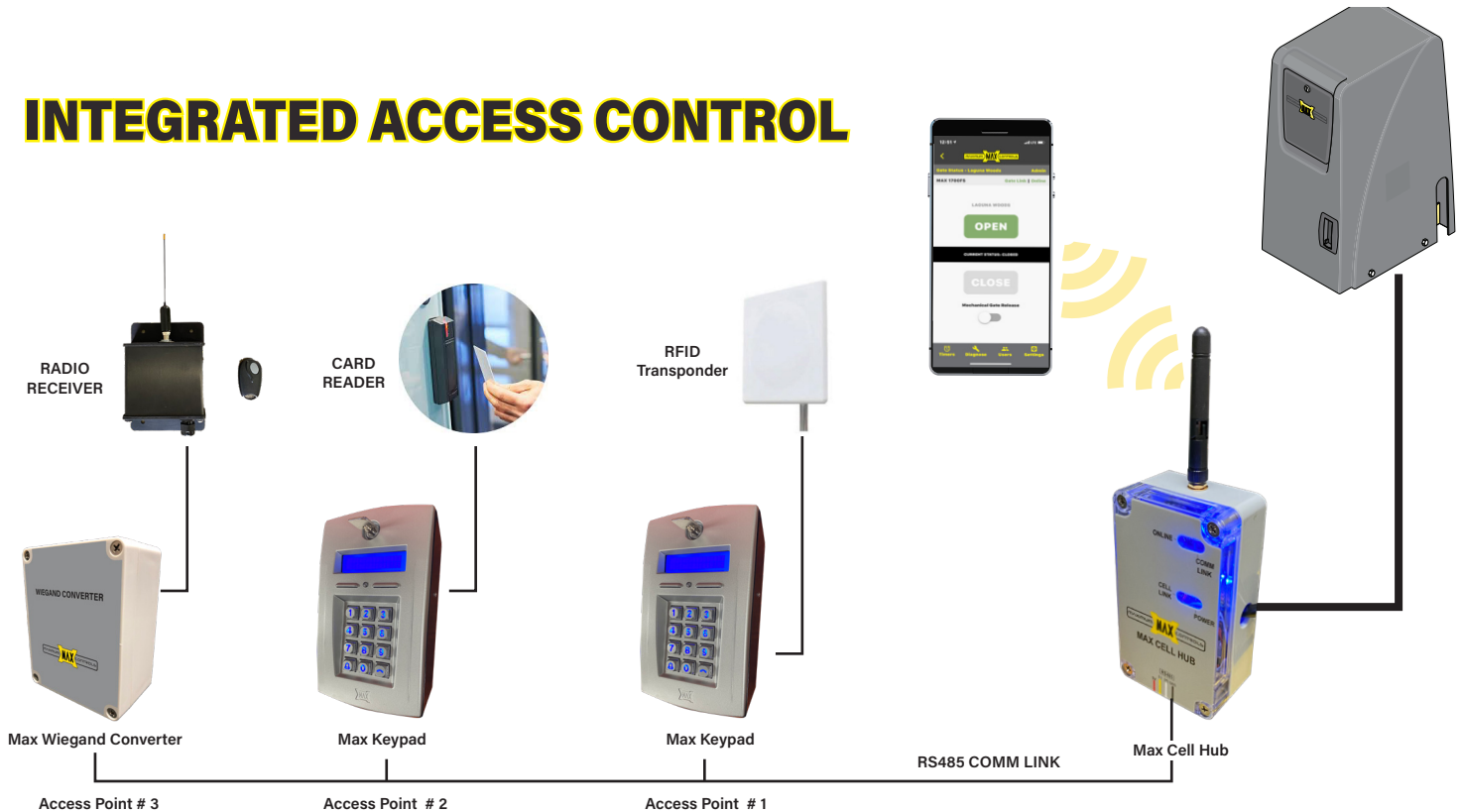
OR

SCAN CODE to watch tutorial

11

INTEGRATED ACCESS CONTROL

RADIO RECEIVER

CARD READER

RFID Transponder

WIEGAND CONVERTER

MAX CELL HUB

ONLINE

COMM LINK

CELL LINK

POWER

Max Wiegand Converter

Max Keypad

Max Keypad

RS485 COMM LINK

Max Cell Hub

Access Point # 3

Access Point # 2

Access Point # 1

**Max Hub can support up to 16 access points
using Max Keypads and/or Max Wiegand Converter Units**

- *Wiegand Keycodes* with optional time zone restrictions
- *Keypad Keycodes* with optional time zone restrictions
- *Virtual Transmitters* (App Users) with optional time restrictions
- *Guest Passes* with date and time restrictions
- *Auto Open / Close Timer* to set daily recurring schedule for gate operator
- *Text Alerts* on App for gate status, gate tamper and sensor fail events
- *EVENT LOG* to track gate site events on App. Events tracked includes:
    - Max Cloud App OPEN commands
    - Guest Pass OPEN commands
    - Keypad keycode entries
    - Wiegand keycodes scans
    - All programming changes
- *ERROR LOG* to monitor and diagnose gate operator issues remotely

**10530 Lawson River Ave., Fountain Valley, CA 92708
(949) 699-0220 | maxsales.us@gmail.com | MAX.US.COM**