

DSC Power 864 PC5020

Wiring Uplink's 5530M Cellular Communicators and Programming the Panel

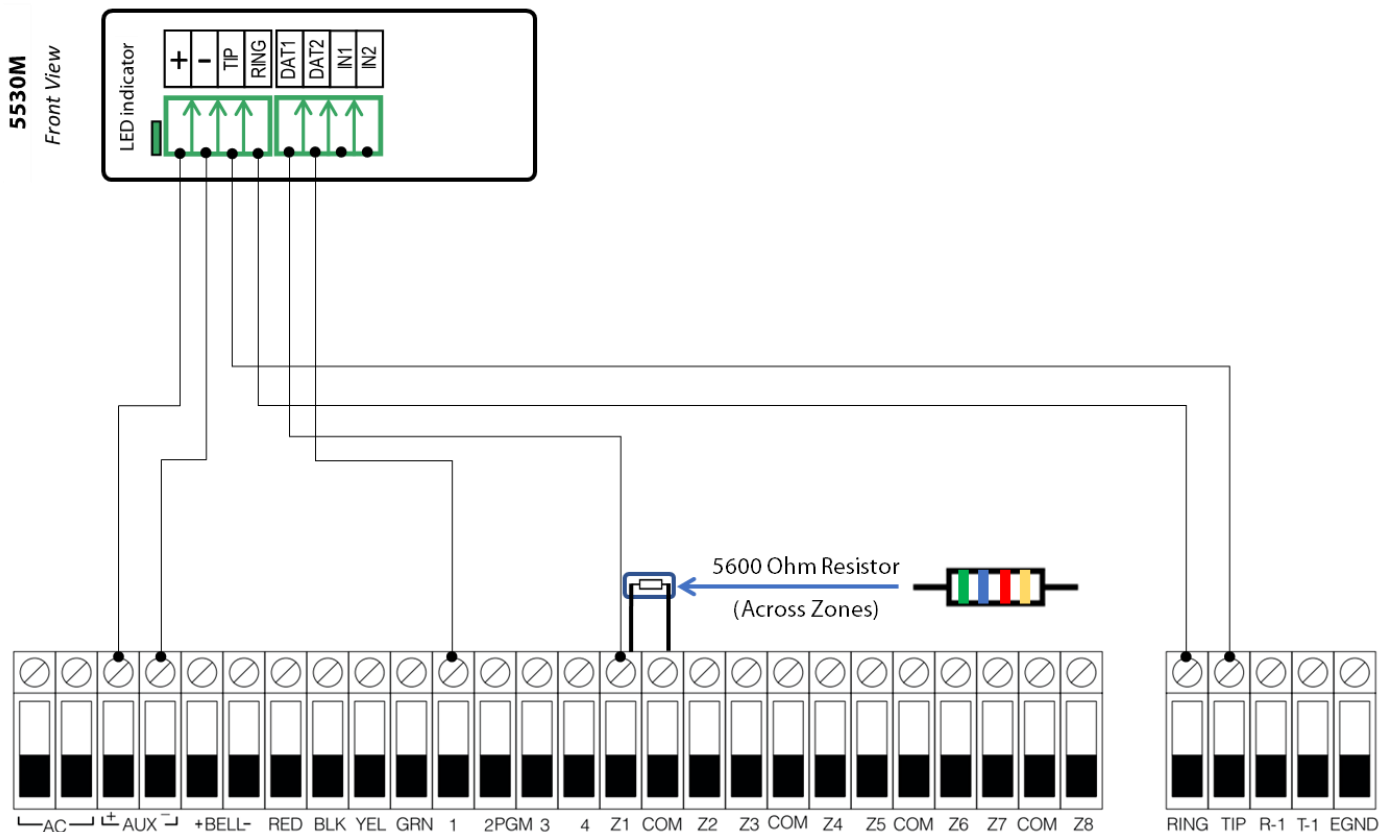
CAUTION:

- It is advised that an experienced alarm installer programs the panel as further programming may be required to ensure proper performance and use of the full functionality.
- Do not route any wiring over circuit board.
- Full panel testing, and signal confirmation, must be completed by the installer.

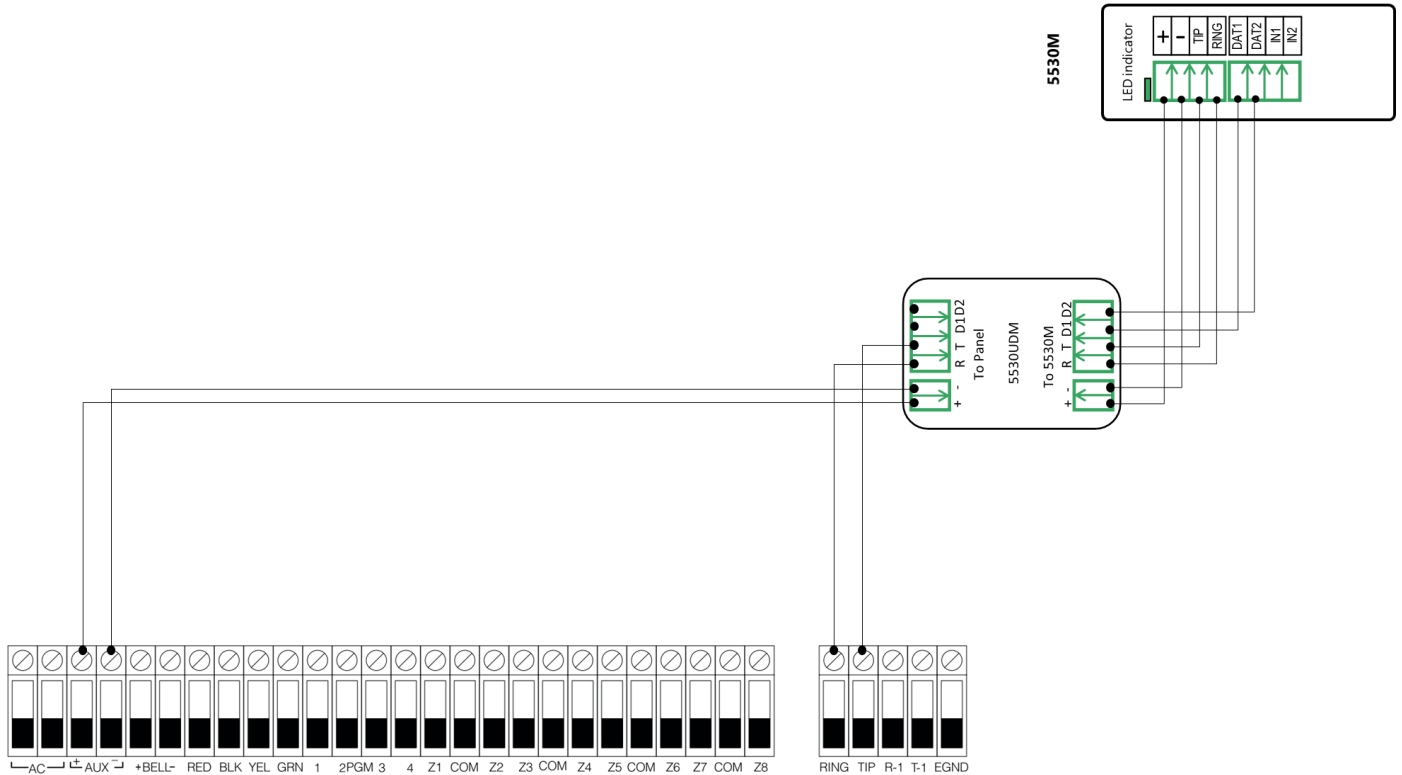
NOTE: For Uplink Communicators, the status of the panel can be retrieved not only from the status PGM but now also from the Open/Close reports from the dialler. Therefore, wiring the white wire and programming of the status PGM of the panel is optional.

IMPORTANT NOTE: The Open/Close reporting needs to be enabled during the initial pairing procedure.

Wiring the 5530M communicators to DSC Power864 PC5020



Wiring the 5530M with UDM to DSC Power864 PC5020 for remote upload/download



Programming the DSC Power864 PC5020 Alarm Panel via the Keypad

LED indication on Keypad	Keypad Entry	Action Description (Usually those keypads don't have display – just LEDs)
Ready: Steady Green	*8 + Inst. Code	To enter in Programming mode. (The default Installer code is 5555).
Armed: Steady Red System: Blinking Yellow	301	To enter section "First phone number".
Ready: Steady Green System: Blinking Yellow	123456*6*#	Enter actual or non-existing number (any number will do, "123456" is an example) followed by *6* (F in hex).
Armed: Steady Red System: Blinking Yellow	310	To enter section "System account code".
Ready: Steady Green System: Blinking Yellow	1234*66	Enter 4-digit account number to receive the events from ("1234" is an example) and close it with *66 in hex.
Armed: Steady Red System: Blinking Yellow	311	To enter section "Partition 1 account code"
Ready: Steady Green System: Blinking Yellow	1234	Enter 4-digit account number to receive the events from ("1234" is an example).
Armed: Steady Red System: Blinking Yellow	350	To enter section "Communicator Format Options"
Ready: Steady Green System: Blinking Yellow	03#	03 is for Contact ID.
Armed: Steady Red System: Blinking Yellow	351	Alarm/Restore Communicator Call Directions for partition 1
Ready: Steady Green System: Blinking Yellow	1,5#	Toggle 1 to ON to enable Alarm/Restore reports. (if Zone 1 on the keypad is lit – then it's ON) Toggle 5 to OFF to disable Alternate Communicator.
Armed: Steady Red System: Blinking Yellow	367	Open/Close Communicator Cell directions for partition 1 (if you have more partitions, repeat this and the next step for 368,369, 370 for partition 2,3,4).
Ready: Steady Green System: Blinking Yellow	1,5#	Toggle 1 to ON to enable Open/Close reports (if Zone 1 on the keypad is lit – then it's ON). Toggle 5 to OFF to disable Alternate Communicator.
Armed: Steady Red System: Blinking Yellow	380	To enter section "First Communicator Options Code"
Ready: Steady Green	1#	Toggle 1 to ON to enable communications (options 3 and 4 must

System: Blinking Yellow		be OFF).
Armed: Steady Red System: Blinking Yellow	381	To enter section "Second Communicator Options Code"
Ready: Steady Green System: Blinking Yellow	7#	Toggle 7 to OFF. The system automatically generates all reporting codes transmitted. To manually program the reporting codes in the menu 381, enable option 7 to ON and then set the desired reporting codes in menus 320 to 348.
Armed: Steady Red System: Blinking Yellow	#	Exit Programming mode.

Program Key-switch zone and output:

LED indication on Keypad	Keypad Entry	Action Description
Ready: Steady Green	*8 + Inst. Code	To enter in Programming mode. (The default Installer code is 5555).
Armed: Steady Red System: Blinking Yellow	202	To section "Partition Zone Assignment"
Ready: Steady Green System: Blinking Yellow	1#	Turn ON (the corresponding LED will be lit) only the zones that you intend to use – the rest must be OFF (LEDs are dim)
Armed: Steady Red System: Blinking Yellow	001	To configure Zone 1
Ready: Steady Green System: Blinking Yellow	22#	Enter 22 to program the zone type as "Momentary Keyswitch"
Armed: Steady Red System: Blinking Yellow	013	To section "First System Option Code"
Ready: Steady Green System: Blinking Yellow	1#	1 must be OFF to set the zones to end-of-line wiring configuration
Armed: Steady Red System: Blinking Yellow	009	To section "PGM1 and PGM2 Output Programming (Main Panel)"
Ready: Steady Green System: Blinking Yellow	05#	System Armed Status - output will activate/deactivate upon arm/disarm for selected partitions.
Armed: Steady Red System: Blinking Yellow	#	Exit Programming mode.

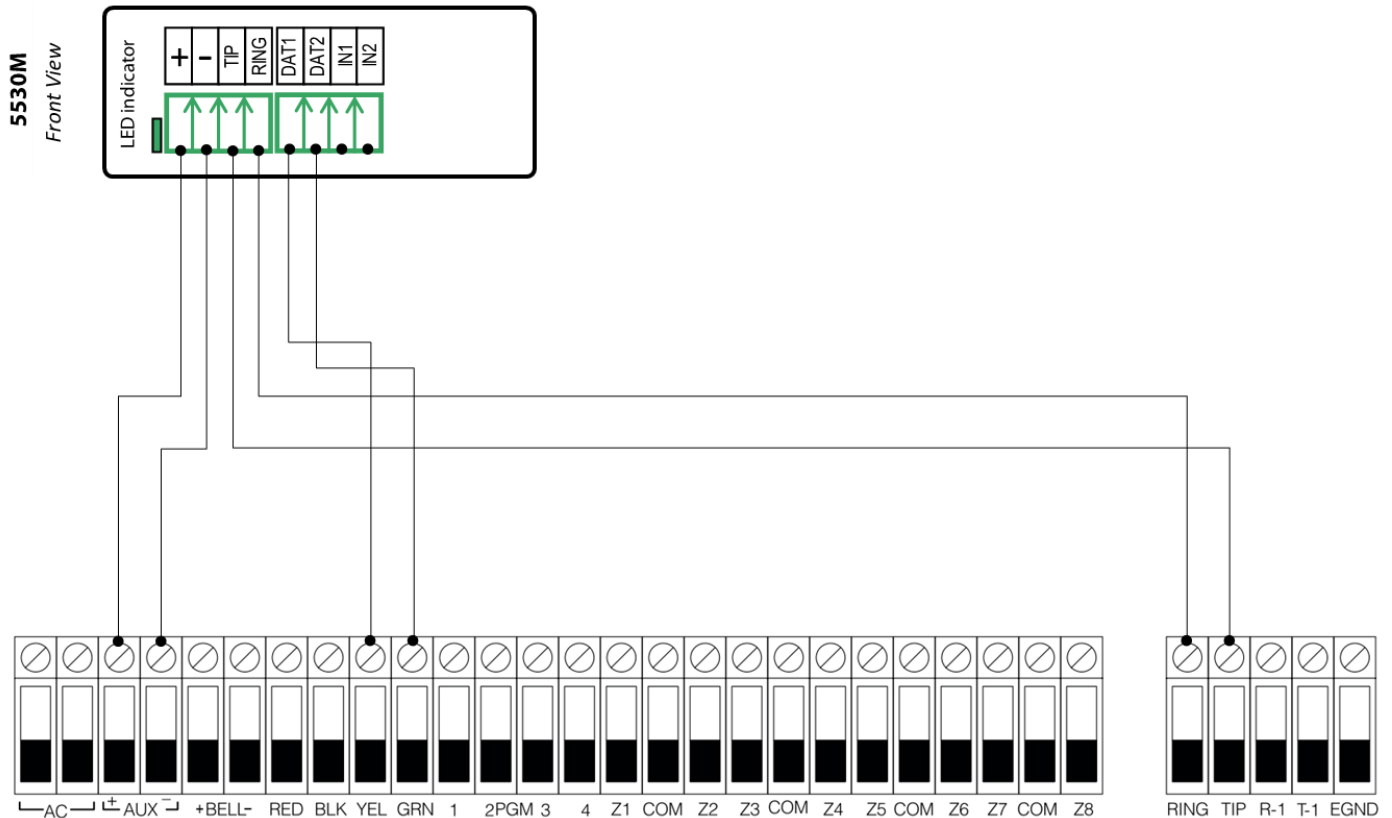


Programming the DSC Power864 PC5020 Alarm Panel via the Keypad for remote Upload/Download (UDL)

Program the Panel for Upload/Download (UDL):

Display	Keypad Entry	Action Description
Ready: Steady Green	*8 + Inst. Code	To enter in Programming mode. (The default Installer code is 5555).
Armed: Steady Red System: Blinking Yellow	401	To enter section "First Downloading Option Code"
Ready: Steady Green System: Blinking Yellow	1,3,6#	1 and 3 must be disabled. 6 must be enabled.
Armed: Steady Red System: Blinking Yellow	403	To enter section "Downloading Access Code"
Ready: Steady Green System: Blinking Yellow	5020	Enter an Access code. (5020 is the default Access Code)
Armed: Steady Red System: Blinking Yellow	404	To enter section "Panel Identification Code"
Ready: Steady Green System: Blinking Yellow	5020	Enter a Panel Identification Code (5020 is the default Panel ID Code)
Armed: Steady Red System: Blinking Yellow	405	To enter section "Answering Machine Double-call Timer"
Ready: Steady Green System: Blinking Yellow	001	To disable double call.
Armed: Steady Red System: Blinking Yellow	406	To enter section "Number of Rings to Answer On"
Ready: Steady Green System: Blinking Yellow	001	Set the panel to answer on the first ring.
Armed: Steady Red System: Blinking Yellow	#	To Exit Programming Mode.

Keybus integration wiring of Uplink 5530M to DSC Power864 PC5020



Keybus integration instructions

- ✓ Connect a wire from DAT1 (MQ Series) or O/OUT (MN Series) terminal of the communicator to the YEL keypad terminal of the alarm panel.
- ✓ Connect a wire from DAT2 (MQ Series) or W/IN (MN Series) terminal of the communicator to the GRN keypad terminal of the alarm panel.
- ✓ Enable the Arming/Disarming feature from the Settings menu of the RControl mobile app.

NOTE 1: If the Arming/Disarming feature is enabled you can use the “Sync with Panel” feature from the Settings menu in the RControl mobile App. This way you will skip disabling and re-enabling the Arming/Disarming.

Switching from Keyswitch to Keybus

- ✓ Wire the device to the panel as described on the respective wiring scheme above.
- ✓ Use the Sync with Panel feature from the Settings menu of the RControl mobile app.

The device will apply the new configuration automatically.

NOTE 2: When switching the wiring of the device, make sure that the device is not powered on.

NOTE 3: When synchronizing or disabling and enabling the Arming/Disarming feature from the mobile application, make sure:

- ✓ the device is powered and connected to cellular network;
- ✓ the panel is not in programming menu/mode.

After enabling the Arming/Disarming feature it may take up to 1 minute for the device to apply the new configuration.