DSC PC585

Wiring M2M's MiNi/MQ Series Cellular Communicators and Programming the Panel

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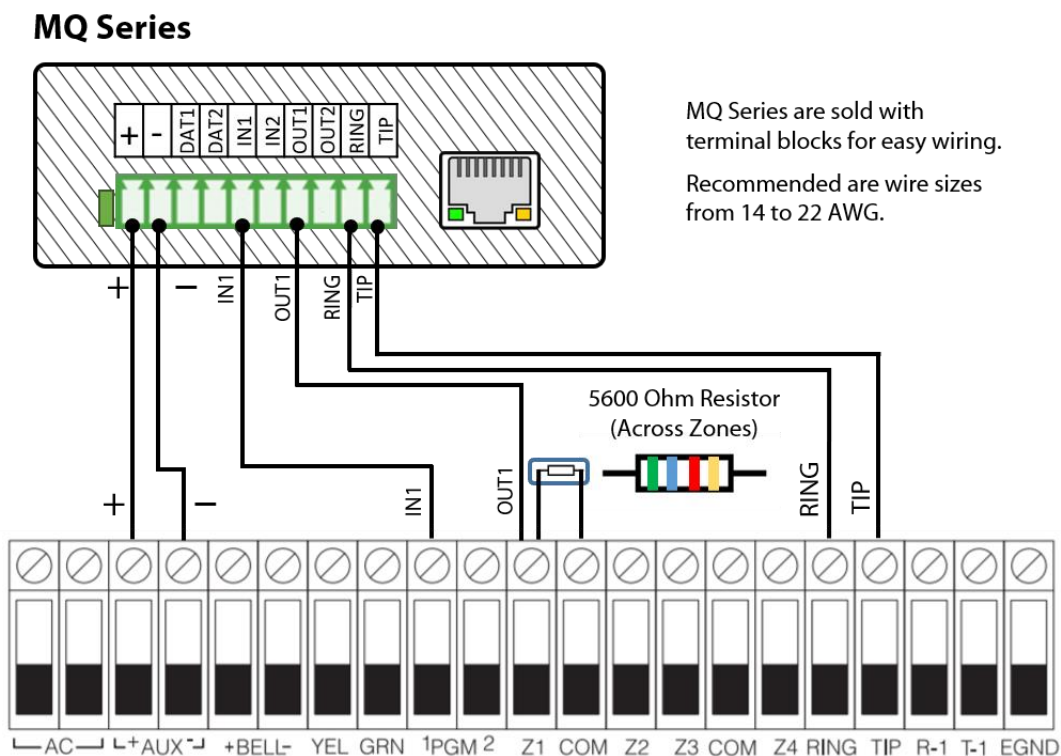- **It is advised that an experienced alarm installer programs the panel as further programming may be required to ensure proper performance and use of the full functionality.**
- **Do not route any wiring over circuit board.**
- **Full panel testing, and signal confirmation, must be completed by the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

NEW FEATURE: For MiNi/MQ Series 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 dialer. Therefore, wiring the white wire and programming of the status PGM of the panel is optional.
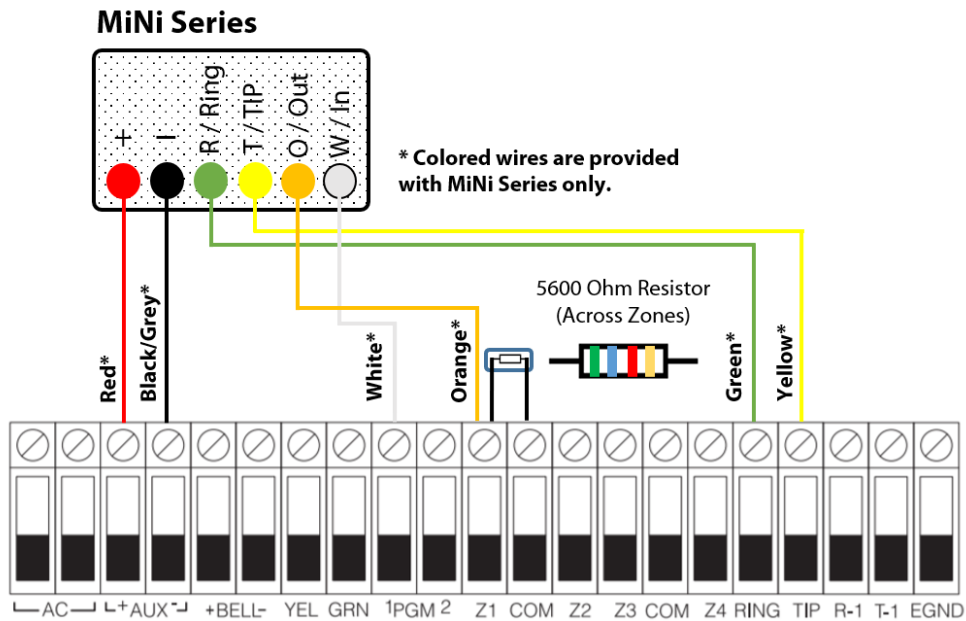
Wiring the white wire is necessary only if the Open/Close reporting is disabled.

IMPORTANT NOTE: The Open/Close reporting needs to be enabled during the initial pairing procedure.
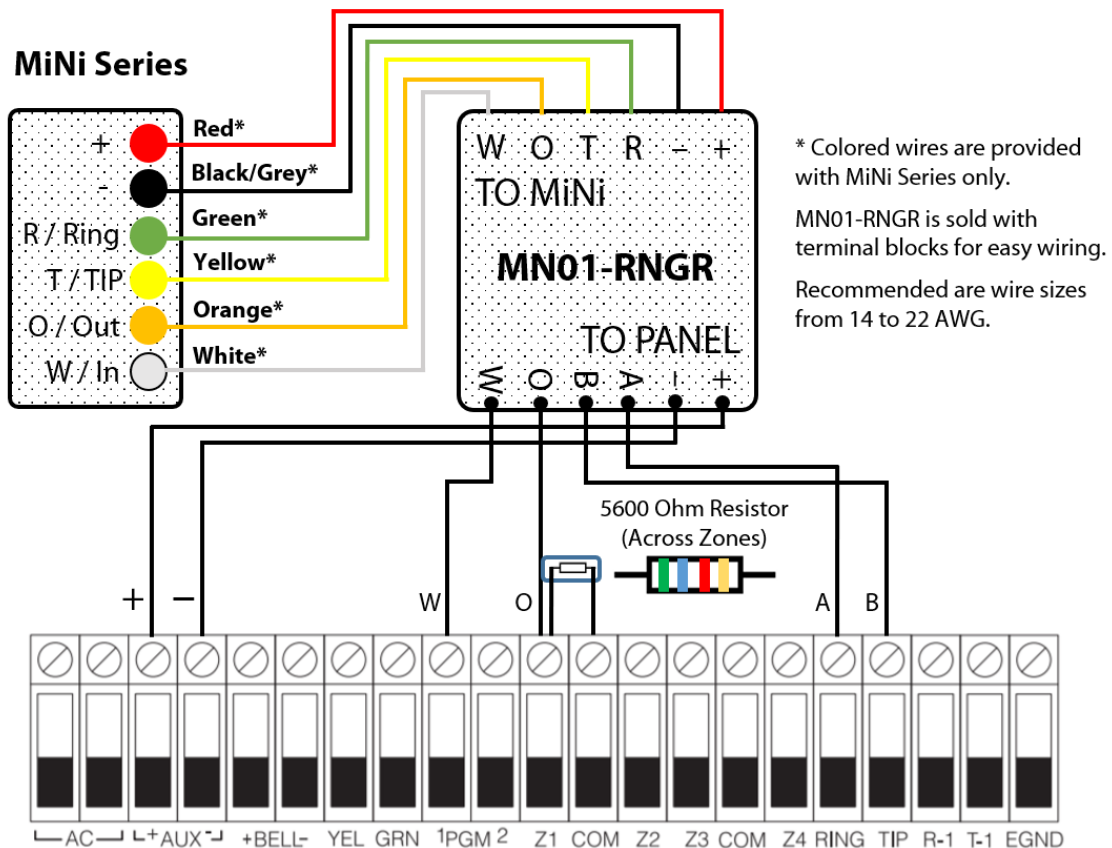
Wiring the MQ Series communicators to DSC PC585

Wiring the MiNi Series communicators to DSC PC585

MiNi Series

* Colored wires are provided with MiNi Series only.

5600 Ohm Resistor
(Across Zones)

AC +AUX- +BELL- YEL GRN 1PGM 2 Z1 COM Z2 Z3 COM Z4 RING TIP R-1 T-1 EGND

Wiring the MiNi Series with Ringer MN01-RNGR to DSC PC585 for UDL

MiNi Series

+ Red*
- Black/Grey*
R / Ring Green*
T / TIP Yellow*
O / Out Orange*
W / In White*

W O T R - +
TO MiNi

MN01-RNGR

TO PANEL

W O B A I +

* Colored wires are provided with MiNi Series only.

MN01-RNGR is sold with terminal blocks for easy wiring.

Recommended are wire sizes from 14 to 22 AWG.

5600 Ohm Resistor
(Across Zones)

AC +AUX- +BELL- YEL GRN 1PGM 2 Z1 COM Z2 Z3 COM Z4 RING TIP R-1 T-1 EGND

Programming the DSC PC585 Alarm Panel via the Keypad

Enable Contact ID reporting:

LED indication on keypad	Keypad Entry	Action Description
Armed: Steady red System: Blinks orange	*85555	To enter in Programming mode.
	015	To enter "Third System Option Code" menu.
Toggle LEDs (7 is dim)	7#	Option 7 must be OFF – TLM disabled (LED 7 dim).
	301	To enter "Change phone number menu" for 1st number (302 or 303 for 2nd or 3rd)
	123456*6*#	Enter actual or non-existing number (any number will do, 123456 is an example) followed by *6* (F in hex).
	310	To enter "Change account number menu"
	1111	Enter 4-digit account number to receive the events from (1111 is an example). If you want to enter partition 2 account number – type 311 followed by 1112# (whatever number you want to see) otherwise leave empty.
	360	Program Alarm Format.
	0303	Press 03 for Contact ID for both partitions.
	361	To enter "Alarm/Restore Communicator Call Directions".
Toggle LEDs (1 is lit)	01#	01 to enable 1st telephone number (1st LED must be lit).
	367	To select partition 1.
Toggle LEDs (1 is lit)	1#	1 must be ON – report Open/Close to phone 1.
	380	To enter first communicator options menu.
Toggle LEDs (1-lit; 3,4 - dim)	1,3,4 #	1 must be ON – communicator enabled; 3 must be OFF – tone dialing; 4 must be OFF – DTMF dial all attempts.
	381	To enter second communicator options menu.
Toggle LEDs (7 is dim)	7#	7 must be disabled – "Contact ID uses Automatic Reporting codes".
	#	Exit Programing mode.

Enable keyswitch arm/disarm and status output:

LED indication on keypad	Keypad Entry	Action Description
Armed: Steady red System: Blinks orange	*85555	To enter in Programming mode.
	202	To enter Partition zone assignments.
Toggle LEDs (1 is lit, the rest - dim)	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) – in our case LEDs 2-7 will be OFF.
	001	To configure Zone 1.
	22#	Enter 22 to program zone Type Keyswitch.
	013	To program EOL zones.
Toggle LEDs (1 is dim)	1#	1 must be OFF to set the zones to end-of-line wiring configuration.
	009	To program Output 1 (009 is for PGM1, 010 – PGM2… etc.)
	05#	Output will activate/deactivate upon arm/disarm for selected partitions.
Ready: Steady green	#	Exit Programing mode.

Programming the DSC PC585 Alarm Panel via the Keypad for remote Upload/Download (UDL)

Program the Panel for Upload/Download (UDL):

Display	Keypad Entry	Action Description
Date / Time	*8 + Inst. Code	Enter programming menu. Default installer code is "5555"
Enter section	401	First downloading options toggle menu
Toggle option	1,3,6#	1 and 3 should be disabled. 6 should be enabled.
Enter section	403	DLS downloading access code. Default for PC585 is "058000".
Enter Hex Data	058000#	Set this field's value to its default.
Enter section	404	Panel ID code. Default for PC585 is "058000".
Enter Hex Data	058000#	Set this field's value to its default.
Enter section	405	Double call timer address
Enter Data	000	Disable double call
Enter section	406	Number of rings address
Enter Data	001	Set the panel to answer on the first ring.
	#	Exit Programming mode.