M2M SERVICES SIMPLICITY. APPLIED.

MN02-LTE-M

Cellular Communicator with Dial Capture interface

Quick Installation Manual

RECOGNIZED COMPONENT

ETL LISTED US

Intertek
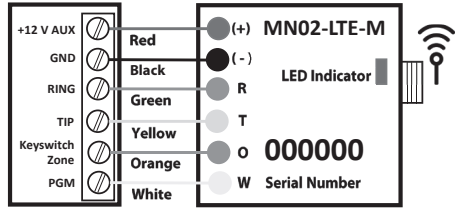
Wiring the Communicator to the alarm panel

Red (+): → 12-15V DC Power Supply

Black (-): → Ground

Green (R): → RING

Yellow (T): → TIP

Orange (O): → to Keyswitch zone*

White (W): → to Armed status output*

* for the optional Interactive features

+12 V AUX	Red	(+) MN02-LTE-M
GND	Black	(-)
RING	Green	LED Indicator
TIP	Yellow	R
Keyswitch Zone	Orange	T
PGM	White	O 000000
		W Serial Number

- ✓ **WARNING:** The wiring should be done only when the panel and the communicator are disconnected from the powerline!
- ✓ Connect the RING and TIP of the alarm panel to the RING and TIP of the unit.
- ✓ **WARNING: Primary use only – NOT to be used with landline!** Having a phone line connected will damage the unit!
- ✓ Connect the antenna and place it outside of the alarm panel's box.
- ✓ Connect + and – of the communicator to a max of 12V - 15V DC power supply.

Find configuration guides for popular panels at *support.m2mservices.com*

LED Indicator

- ✓ Slow flashing – trying to establish connection
- ✓ Constantly On – connection established at good signal level
- ✓ Constantly On, blinking every 5 secs – connection established at low signal level
- ✓ Fast flashing – transferring data

Configuring the alarm panel

Refer to the panel's installer manual to configure the following options:

- ✓ Enable the PSTN dialer of the panel.
- ✓ Select DTMF mode (Tone dialing).
- ✓ Select Contact ID Full communication format or SIA.
- ✓ Enter a telephone number for dialing (you can use any number, e.g. 9999999).
- ✓ Enter a 4-digit account number in the panel.

Troubleshooting the DTMF communication

If you have issues receiving the events, try the following additional settings of the panel:

- ✓ Disable "Telephone line monitoring".
- ✓ Disable "Wait for dial tone" option.
- ✓ Use "A" instead of "0" in the account number.
- ✓ If there is more than one partition, enter an account number for each partition.

For certain panels, you might need also to specify an account number for the main partition 0 (sometimes referred as system number).

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RControl App credentials:

Events reporting to end users via a smartphone

✓ Download the RControl mobile application on your Android or iOS device from the links (QR codes) below.
✓ Login with the end user credentials, provided within this installation manual.
✓ At the first login, it is strongly recommended to change the User Name and Password and to provide an email for password recovery.

With the **RControl** mobile application the end user can:

✓ Monitor the current status of the alarm panel
✓ View events log up to one year back in time
✓ Remotely Arm/Disarm the alarm system (optional)

Remote Arming/Disarming (Optional)

To enable the optional remote Arming/Disarming from a smartphone, please configure the alarm panel according to the following guidelines:

✓ Configure a zone as a momentary keyswitch (refer to the panel's installer manual).
✓ Connect the orange wire (O) of the communicator to the momentary keyswitch zone.
✓ Configure a PGM output of the panel to activate (switch to ground), when the panel is armed, and to deactivate, when disarmed (refer to the panel's installer manual).
✓ Connect that PGM to the white wire (W) of the communicator.
✓ For panels that don't have a status PGM the status can still be received through the OPEN/CLOSE reporting.

Guidelines for configuring the keyswitch and the output for popular panels are available at *support.m2mservices.com*

Initial pairing procedure:

✓ Enable Open/Close reporting (at least during the initial pairing procedure).
✓ Enable the Arming/Disarming feature from the Settings menu of the RControl mobile app.
✓ Ask the end user(s) to enter a Remote PIN code of his/her/their choice.
✓ Disarm (or Arm) from the keypad within 2 minutes to complete the pairing.

RControl App download links:

GET IT ON Google play   Available on iTunes