Cellular Pool Phones
2300-614GSM, 2300-614GSM4, 2100-986GSM, 2100-986GSM4, 970GSM, 970GSM4
Thank you for purchasing a RATH® Cellular Pool Phone. We are the largest Emergency Communication Manufacturer in North America and have been in business for over 35 years.

We take great pride in our products, service, and support. Our Emergency Products are of the highest quality. Our experienced customer support teams are available to remotely assist with site preparation, installation, and maintenance. It is our sincere hope that your experience with us has and will continue to surpass your expectations.

Thank you for your business,

The RATH® Team

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**Mounting**

**2300-614GSM, 2300-614GSM4**

**Items Needed:**
- 120vac power
- Drill
- Drill bit or knockout set
- Mounting screws
- #10 spanner bit (provided)
- Conduit with water tight connector
- Wire nuts
- Screwdriver
- Active SIM Card with GSM carrier (2300-614GSM4 only)

**Installation:**
1. Using the supplied spanner bit, remove the 4 screws holding the front cover in place and remove the cover.
2. Using a drill bit or knockout set, drill a hole in the bottom of the enclosure large enough for the water tight connector.
3. Using appropriate mounting screws, screw the enclosure onto the wall.
4. If using a SIM Card, locate SIM Card slot on the side of cellular modem. Press the yellow circle next to the SIM Card slot and push until drawer pops out. Insert SIM Card in drawer and slide the drawer back into the cellular modem.
5. Run 120vac in the conduit and water tight connector. Connect 120vac to the supplied transformer in the enclosure using proper wire nuts. Red is hot, black is neutral, and green is ground (see page 6 for detailed wiring diagram).
   **Note:** The transformer is wrapped separately in the box.
6. Plug power into a battery backed up power source or RATH® RP7700100.
7. Turn on the electrical power.
8. Phone is preset to dial 911. If required to call an alternate number not given to RATH® at time of purchase, please follow programming instructions on page 5. If phone is calling 911, screw internal plate back into place. Unit is ready for testing.

**970GSM, 970GSM4**

**Items Needed:**
- 120vac power
- Drill
- Drill bit or knockout set
- Mounting screws
- #10 spanner bit (provided)
- Conduit with water tight connector
- Wire nuts
- Screwdriver
- Active SIM Card with GSM carrier (970GSM4 only)
**Installation:**

1. Using the supplied spanner bit, remove the 4 screws holding the front cover in place and remove the cover.
2. Using a drill bit or knockout set, drill a hole in the bottom of the enclosure large enough for the water tight connector.
3. Using appropriate mounting screws, screw the enclosure onto the wall.
4. If using a SIM Card, locate SIM Card slot on the side of cellular modem. Press the yellow circle next to the SIM Card slot and push until drawer pops out. Insert SIM Card in drawer and slide the drawer back into the cellular modem.
5. Run 120vac in the conduit and water tight connector. Connect 120vac to the supplied transformer in the enclosure using proper wire nuts. Red is hot, black is neutral, and green is ground (see page 6 for detailed wiring diagram).

**Note:** The transformer is wrapped separately in the box.

6. Plug power into a battery backed up power source or RATH® RP7700100.
7. Turn on the electrical power.
8. Phone is preset to dial 911. If required to call an alternate number not given to RATH® at time of purchase, please follow programming instructions on page 5. If phone is calling 911, screw internal plate back into place. Unit is ready for testing.

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**2100-986GSM, 2100-986GSM4**

**Items Needed:**
- 120vac power
- Drill
- Drill bit or knockout set
- Mounting screws
- #10 spanner bit (provided)
- Conduit with water tight connector
- Wire nuts
- Screwdriver
- Mounting feet (provided)
- Active SIM Card with GSM carrier (2100-986GSM4 only)

**Installation:**

1. Using the supplied spanner bit, remove the 4 screws holding the front cover in place and remove the cover.
2. Using a drill bit or knockout set, drill a hole in the bottom of the enclosure large enough for the water tight connector.
3. Using appropriate mounting screws, screw the enclosure onto the wall.
4. If using a SIM Card, locate SIM Card slot on the side of cellular modem. Press the yellow circle next to the SIM Card slot and push until drawer pops out. Insert SIM Card in drawer and slide the drawer back into the cellular modem.
5. Run 120vac in the conduit and water tight connector. Connect 120vac to the supplied transformer in the enclosure using proper wire nuts. Red is hot, black is neutral, and green is ground (see page 6 for detailed wiring diagram).

**Note:** The transformer is wrapped separately in the box.

6. Plug power into a battery backed up power source or RATH® RP7700100.
7. Turn on the electrical power.
8. Phone is preset to dial 911. If required to call an alternate number not given to RATH® at time of purchase, please follow programming instructions on page 5. If phone is calling 911, screw internal plate back into place. Unit is ready for testing.
Programming

After powering on the Cellular Pool Phone, verify lights on the cellular modem are as follows:

<table>
<thead>
<tr>
<th>PWR</th>
<th>Solid</th>
</tr>
</thead>
<tbody>
<tr>
<td>RDY</td>
<td>Blinking (if calling 911 with no GPS) Solid (if unit has an active SIM card)</td>
</tr>
<tr>
<td>NW</td>
<td>Blinking</td>
</tr>
<tr>
<td>FXS</td>
<td>Off</td>
</tr>
</tbody>
</table>

Once lights are in the correct state, phone is ready for testing.

Handset Phones:
Most Pool Phones are already pre-programmed to call 911. Only perform the following if you want the phone to call somewhere other than 911.

Programming Telephone Numbers (Standard Phone Line)

**Note:** When programming, ignore messages or busy tones in the background.

1. Start with phone handset hung up
2. Press and hold Program, lift handset off hook, then release Program button
3. Press the # key 10 times (you will hear confirmation tones in the handset)
4. Press 3, #, then the phone number you want the phone to dial
5. Press *, # to exit Programming Mode, then hang up the handset

**Note:** If unit does not have an active SIM card installed, the phone can only dial 911.

Speaker Phones:
Most Pool Phones are already pre-programmed to call 911. Only perform the following if you want the phone to call somewhere other than 911.

Programming Telephone Numbers (Standard Phone Line)

1. Press ENTER to begin programming
2. Press 1, ENTER, key in the phone number you want the phone to dial, STOP
3. Press and hold STOP for 3 seconds to exit programming

**Note:** If unit does not have an active SIM card installed, the phone can only dial 911.

Adjusting the Volume

Handset Phones
On underside of handset, turn volume wheel to increase or decrease volume.

Speaker Phones

Adjusting the Microphone:
If the person you are calling reports your voice is not loud enough, increase the Microphone Sensitivity by adjusting VR2 a 1/4 turn clockwise (requires a small Phillips screwdriver).

Adjusting the Speaker:
If the voice of the person you call is not loud enough in the phone speaker, increase the volume by adjusting VR1 a 1/4 turn clockwise.