

### Installing the G10 PSTN Gateway

Use the G10 PSTN Gateway to connect your Avaya one-X Quick Edition system to the local telephone network. If you have any 4610SW/4621SW IP telephones to install, install them first. Afterward, follow the simple steps below to install the G10 PSTN Gateway.

# 1

Unpack the equipment from the shipping box. The package should contain the following items:

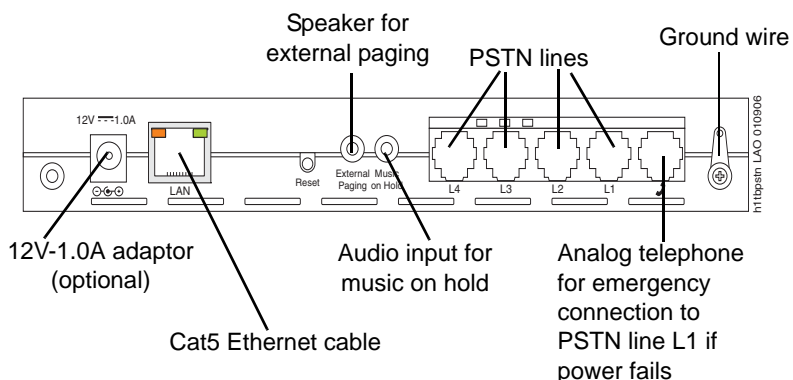
- one Avaya one-X G10 PSTN Gateway,
- one 12 VDC/1A power adapter, and
- this quick installation guide.

#### NOTE:

You must supply an analog telephone, a ground wire (for example, a 24 AWG solid copper wire) to ground the PSTN Gateway, and an RJ45 Category 5 (Cat5) Ethernet cable (or better) to connect the PSTN Gateway to the LAN. Your service provider supplies PSTN lines to the local telephone network.

# 2

Make the connections. For more information, see the facing page.



**IMPORTANT:** The G10 PSTN Gateway can operate from an 802.3af Power over Ethernet (PoE) LAN, or from the supplied, 12 VDC / 1A power adapter. The power adapter connects the G10 PSTN Gateway to a customer-provided power source. Do not use the power adapter if your LAN is PoE enabled. Before you make any other connections, ground the G10 PSTN Gateway. If you use the power adapter, connect it last.

# 2

(con't)

### To connect a G10 PSTN Gateway to a 802.3af PoE LAN

1. Place the G10 PSTN Gateway on a flat surface in a well-ventilated space with access to your Ethernet connection.
2. Attach the ground wire to the ground lug on the G10 PSTN Gateway, and then connect the other end of the ground wire to earth ground.
3. Plug one end of the Cat5 Ethernet cable into the **LAN** port on the G10 PSTN Gateway.
4. Connect the other end of the Cat5 Ethernet cable to the Ethernet LAN used by your 4610SW/4621SW IP telephones.  
In two to three minutes, the LEDs on the front panel will turn solid green to signal that the G10 PSTN Gateway is ready.
5. Plug your analog telephone into the analog telephone (bypass) jack on the G10 PSTN Gateway.
6. Connect the PSTN line supplied by your service provider to port **L1** on the G10 PSTN Gateway. If you have additional PSTN lines, connect them to ports **L2**, **L3**, and/or **L4** on the G10 PSTN Gateway.

# 2

(con't)

### To connect a G10 PSTN Gateway to an unpowered LAN

1. Place the G10 PSTN Gateway on a flat surface in a well-ventilated space with access to your Ethernet connection.
2. Attach the ground wire to the ground lug on the G10 PSTN Gateway, and then connect the other end of the ground wire to earth ground.
3. Plug one end of the Cat5 Ethernet cable into the **LAN** port on the G10 PSTN Gateway.
4. Connect the other end of the Cat5 Ethernet cable to the Ethernet LAN used by your 4610SW/4621SW IP telephones.
5. Plug the supplied 12 VDC/1A power adaptor into the **12V-1.0A** jack on the G10 PSTN Gateway.
6. Plug the other end of the adapter cable into the power source.  
In two to three minutes, the LEDs on the front panel will turn solid green to signal that the G10 PSTN Gateway is ready.
7. Plug your analog telephone into the analog telephone (bypass) jack on the G10 PSTN Gateway.
8. Connect the PSTN line supplied by your service provider to port **L1** on the G10 PSTN Gateway. If you have additional PSTN lines, connect them to ports **L2**, **L3**, and/or **L4** on the G10 PSTN Gateway.

# 3

Adjust the loop length setting on each connected PSTN line and configure optional G10 PSTN Gateway settings if required (see the *Avaya one-X Quick Edition System Administrator Guide*).

## Maintenance and Repair

The G10 PSTN Gateway is a field-replaceable unit. There are no user-serviceable parts.

If you experience problems with the G10 PSTN Gateway, refer to the “Troubleshooting” chapter of the *Avaya one-X Quick Edition System Administrator Guide* to resolve the problem. If you are unable to resolve the problem yourself, contact Avaya Technical Support by calling 800-242-2121. As an alternative, you may contact Avaya Technical Support using one of the methods available through the Avaya Technical Support web site:

<http://avaya.com/support>

**IMPORTANT:** If you have an Avaya support plan, call the number associated with that plan to obtain service according to the terms of your agreement.

## Documentation

This Quick Installation Guide and related documentation is available by searching for “Quick Edition” online at the following URL:

<http://avaya.com/support>

For complete information about installing a PSTN Gateway, see the *Avaya one-X Quick Edition G10 PSTN Gateway Installation Guide* (Document Number 16-600793).

For safety information, a quick reference to installing Avaya one-X Quick Edition telephones, and telephone stand/wall-mounting instructions, see the *Avaya one-X Quick Edition Telephone Quick Installation Guide* (Document Number 16-600797).

For detailed information about how to install and use an Avaya one-X Quick Edition telephone, see the *Avaya one-X Quick Edition Telephone User Guide* (Document Number 16-600795).

For information about how to configure and/or upgrade a PSTN Gateway using the web-based administration interface, see the *Avaya one-X Quick Edition System Administrator Guide* (Document Number 16-600794). The *Avaya one-X Quick Edition System Administrator Guide* also contains detailed troubleshooting procedures.

## IMPORTANT USER SAFETY INSTRUCTIONS

Safety is a major factor in the design of every PSTN Gateway. But, safety is your responsibility too. Please read carefully the helpful tips listed below.

### Use

When using your PSTN Gateway, the following safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons.

- Read and understand all instructions.
- Follow all warnings and instructions marked on the PSTN Gateway.
- This PSTN Gateway can be hazardous if immersed in water. Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool. To avoid the possibility of electric shock, do not use it while you are wet. If you accidentally drop the PSTN Gateway into water, do not retrieve it until you have first unplugged the power supply. Then, call Avaya service personnel to ask about a replacement.
- Avoid using the PSTN Gateway during electrical storms in your immediate area. There is a risk of electric shock from lightning. Urgent calls should be brief. Even though protective measures may have been installed to limit electrical surges from entering your business, absolute protection from lightning is impossible.
- If you suspect a natural gas leak near the PSTN Gateway, report it immediately, but use a telephone away from the area. The PSTN Gateway electrical contacts could generate a tiny spark. While unlikely, it is possible that this spark could ignite heavy concentrations of gas.
- Never push objects of any kind into the equipment through housing slots since they may touch hazardous voltage points or short out parts that could result in a risk of electric shock. Never spill liquid of any kind on the PSTN Gateway. If liquid is spilled, however, refer servicing to Avaya service personnel.
- To reduce the risk of electric shock, do not disassemble this PSTN Gateway. There are no user serviceable parts. Opening or removing covers may expose you to hazardous voltages. Incorrect reassembly can cause electric shock when the PSTN Gateway is subsequently used.

### Service

- Before cleaning, unplug the PSTN Gateway from the Ethernet LAN and the power supply. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- Be sure to contact Avaya service personnel when any of these conditions exist:
  - If liquid has been spilled onto the PSTN Gateway.
  - If the PSTN Gateway has been exposed to rain or water.
  - If the PSTN Gateway has been dropped or the housing has been damaged.
  - If you note a distinct change in the performance of the PSTN Gateway.

## SAVE THESE INSTRUCTIONS