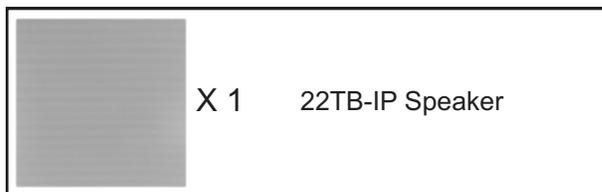# VIKING Electronics, Inc.
QUICK START GUIDE

⚠ See Product Manual for complete installation and programming instructions.

1.0 Out-of-Box

1.1 Verify that you have received all of the parts listed

X 1   22TB-IP Speaker

X 11 Gel-Filled Butt Connectors

1.2 Download the product manual

Scan the QR code to open and download the product manual

- OR -

1. Go to **www.vikingelectronics.com** and enter **22TB-IP** in the search box
2. Click **22TB-IP** in the search results
3. Click **Product Manual** to open and download the PDF

1.3 Download and install the programming software

1. Go to www.vikingelectronics.com and enter **22TB-IP** in the search box
2. Click **22TB-IP** in the search results
3. Scroll down the page to Downloads, click **IP Programming Software**
4. Install the programming software by saving or opening the file and then clicking on **setup Viking IP Programming.exe**
5. Follow the prompts on your screen to complete software installation

2.0 Power Source

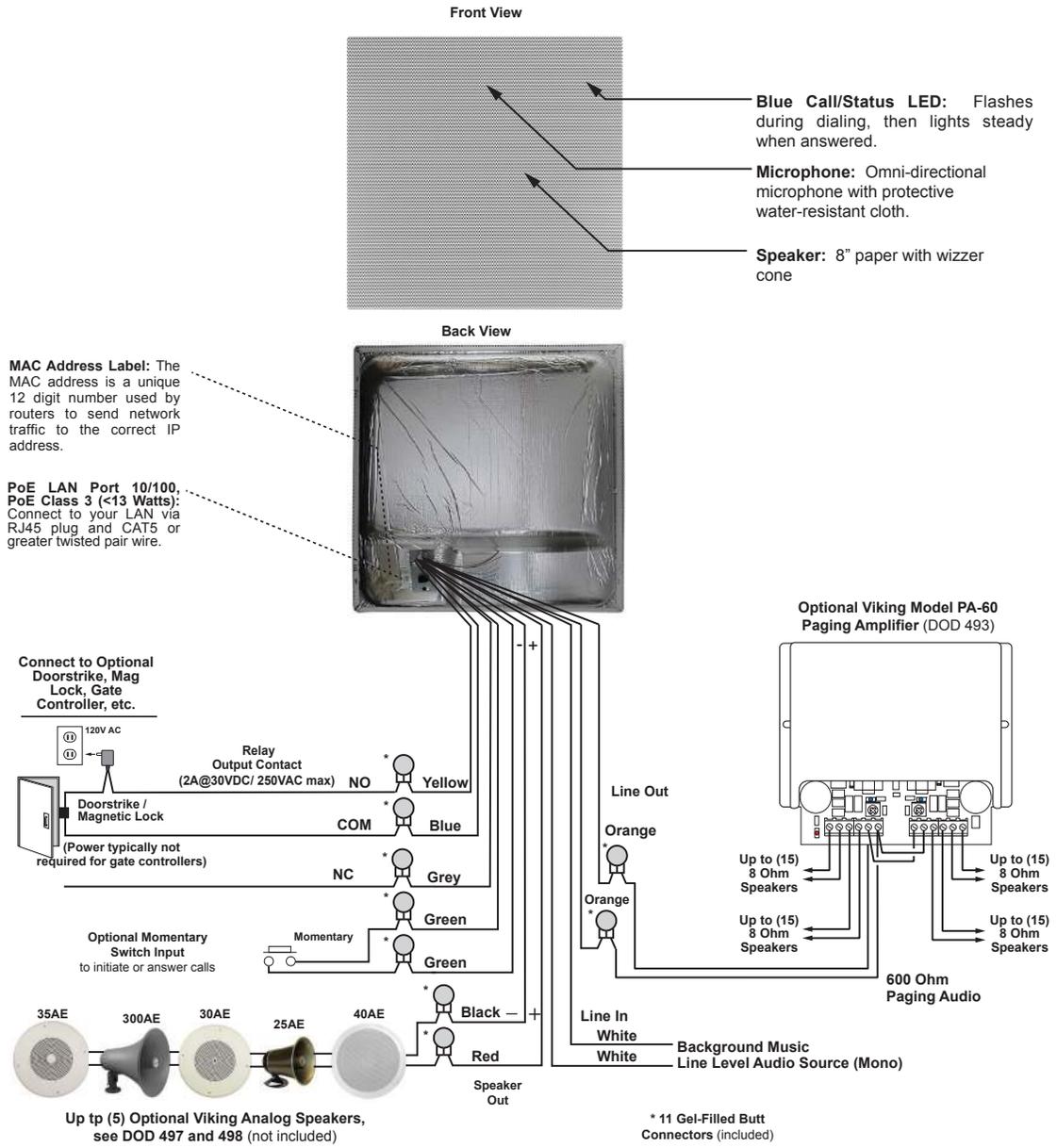Select **PoE Switch** or **PoE Injector** that meets the following requirements:

1. IEEE 802.3af / 802.3at / 802.3bt compliant
2. Capable of providing at least 13 Watts (class 0 or class 3)

Note: *CAT5e (or higher) cable recommended*

3.0 Network Port Settings

- Make sure the port is not in trunk mode
- Make sure port is capable of 100mbps full duplex
- Disable Spanning Tree Protocol (STP) or enable Portfast

4.0 Features Overview

Front View

Blue Call/Status LED: Flashes during dialing, then lights steady when answered.

Microphone: Omni-directional microphone with protective water-resistant cloth.

Speaker: 8" paper with wizzer cone

Back View

MAC Address Label: The MAC address is a unique 12 digit number used by routers to send network traffic to the correct IP address.

PoE LAN Port 10/100, PoE Class 3 (<13 Watts): Connect to your LAN via RJ45 plug and CAT5 or greater twisted pair wire.

Optional Viking Model PA-60 Paging Amplifier (DOD 493)

Connect to Optional Doorstrike, Mag Lock, Gate Controller, etc.

120V AC

Relay Output Contact (2A@30VDC/ 250VAC max)   NO   Yellow

Doorstrike / Magnetic Lock   COM   Blue

(Power typically not required for gate controllers)   NC   Grey

Optional Momentary Switch Input to initiate or answer calls   Momentary   Green / Green

Line Out

Orange

Orange

Up to (15) 8 Ohm Speakers

Up to (15) 8 Ohm Speakers

Up to (15) 8 Ohm Speakers

Up to (15) 8 Ohm Speakers

600 Ohm Paging Audio

35AE   300AE   30AE   25AE   40AE

Black — +

Red

Speaker Out

Line In   White   White

Background Music Line Level Audio Source (Mono)

Up to (5) Optional Viking Analog Speakers, see DOD 497 and 498 (not included)

* 11 Gel-Filled Butt Connectors (included)

See the Product Manual for complete installation and programming instructions.
Questions? Call Viking Product Support: 715-386-8666