



PK314A

PK311

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The VM104 system power supply/amplifier shall be Alpha Communications®/Tektone model PK314A, or approved equal. Amplifier shall operate from a 16VAC (160VA) U.L. Listed power transformer (model SS250). Where required, contractor shall furnish and install the necessary PK311 booster power supply unit(s) and transformer(s). All wiring to power supply/amplifier(s) shall be low-voltage Class II wiring, installed as per all federal, state, and local electrical codes. Power supply/amplifier(s) shall surface mount right to the finished wall and shall be installed in a suitable environment that is free from excessive dirt, dust, temperature, humidity, grease and water. Power supply/amplifier shall provide the intercom amplification, video power and signaling power for proper system operation. Power supply/amplifier(s) shall be installed a safe distance from any source of electrical or other interference, or wiring.

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PK314A and PK311 Amplifier/Power Supplies

The Alpha Communications®/Tektone PK314A and PK311 amplifier/power supplies are used with the VM104 series video-intercom systems, to provide intercom amplification, power to operate the electric door opener(s) etc., and power to operate the video monitor units.

These PK314A and PK311 amplifier/power supplies are designed to easily surface mount right onto the finished wall by means of customer supplied screws. Connections are positive screw terminal type.

Each VM104 system must have one (1) PK314A which powers up to the first 50 (or less) video-intercom monitor/handset stations on a system. For each additional 80 (or less) video-intercom monitor/handset stations, use one (1) model PK311 booster power supply.

Each PK314A and each PK311 requires a separate 16VAC (160VA) low-voltage Class II power transformer for power (our model #SS250).

FEATURES

- Easily Installs Right on Finished Wall Surface
- Operates on Safe Low-Voltage Class II Wiring
- Positive Screw Terminal Connections
- Built-in Call Tone Signal Generator

SPECIFICATIONS

Dimensions:	Height: 14.63" (372mm)
<i>(both models)</i>	Width: 2.38" (61mm)
	Depth: 2.25" (58mm) from mounting surface
Construction:	Rugged Extruded Aluminum Case
Call Tone:	Integrated circuit oscillator
Connections:	Positive screw terminal connections. Should be installed within 50 feet of transformer(s).
Temperature Range:	0-50 degrees C.
Mounting:	Surface-mounted (within 50 feet of transformer(s))
Power Requirement:	16 VAC, 160VA (each PK314A & PK311)

Note: Specifications are the minimum requirement for system operation. Some systems may require additional equipment. Contact your factory representative.

Due to continuous product improvement, all colors, sizes, materials, finishes and specifications are subject to change without notice.