



6680

ARCHITECTS' AND ENGINEERS' SPECIFICATIONS

The power supply/amplifier shall be Alpha Communications®/Elvox™ model 6680, or approved equal. Amplifier shall operate from a standard 120VAC power source. All other wiring to power supply/amplifier shall be low-voltage Class II wiring, installed as per all federal, state, and local electrical codes. Power supply/amplifier 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 and signaling power for proper system operation. For most secure installation, power supply should be installed into a lockable equipment cabinet/housing. The 6680 is designed to be used with the 6300 series apartment video-intercom monitor units (or equivalent).

Power supply/amplifier shall be installed a safe distance from any source of electrical interference.

Contractor shall observe all local and national electrical and building codes.

6680 Amplifier/Power Supply

The Alpha Communications® 6680 amplifier/power supplies are used with the 6300 series video-intercom systems (or equivalent), to provide intercom amplification, power to operate the electric door opener(s) etc., and power to operate the video monitor units, for a single building entrance.

The 6680 units each require a standard 120VAC power source.

These 6680 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.

Only one (1) 6680 is required for each system, regardless of the number of monitors (1 per apt.).

FEATURES

- Easily Installs Right on Finished Wall Surface or in Customer Supplied Housing
- Only one power supply required per system.
- Clear Voice Fidelity with Adjustable Voice Volume Control
- Convenient Positive Screw Terminal Connections
- Operates on standard 120VAC primary power

SPECIFICATIONS

Dimensions:	Height: 5.25" (134mm)
	Width: 8.25" (210mm)
	Depth: 3.00" (77mm)
	from mounting surface
Volume Control:	Adjustable potentiometer built-in.
Connections:	Positive Screw Terminal Connectors.

WIRING REQUIREMENTS

Basic video-intercom riser wiring shall be 4-common #22AWG, 2-common #18AWG, 1-RG59/U (all copper minimum 95% braid) coaxial cable common and 1 selective wire #22AWG, for each video monitor station connected to the riser cable. Add one (or more) additional common wires if other monitor functions will be used. See system wiring diagram(s) for more complete wiring information.

OPTIONAL COMPONENTS

DO-001	16VAC Door Release-Mortise Type
5592/001	Dual Entrance Dual Video Adaptor (requires 2/690 connector cable)
PK407A	Specialty Door Opener Relay Adaptor (1 per entrance)

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